



Midland Exploration Inc. (MD-V)

Applying the prospector-generator model à merveille...

Event: Project generation in the Eeyou Istchee-James Bay area of Québec.

Impact: Positive. Midland applying the prospector generator model and generates over 6 new projects in James Bay within its strategic exploration alliance with Altius Minerals Corporation.

- **Midland announced on August 16 the nomination of Mr. Sylvain Trépanier as VP Exploration, James Bay and Nord du Québec**, in-line with its extensive growing property portfolio in this area, following new project generation and the disclosed August 10 and 16, 2017 new land positioning of notable importance. Sylvain Trépanier, who joined Midland last November, is probable instigator as well as director Paul Archer. Sylvain holds a B.Sc. and M.Sc. in geology from UQAM and has worked on various projects in northern Québec with Noranda and Virginia Mines (Osisko Gold Royalties). He also worked as a research geologist at CONSOREM carrying out several industry-focused mineral exploration research projects.
- **James Bay Altius JV gaining momentum:** Recall on February 16, 2017 Midland had announced a new strategic alliance for gold exploration in the James Bay with Altius Minerals Corporation (ALS-T). The combining of expertise for jointly exploring the mineral endowment potential of the James Bay region is deploying its wings and we expect more acquisitions and results. To be noted is that Altius is a natural resource project generator and holder of royalties with a solid financial position. Altius holds, directly and indirectly, a diversified portfolio of royalties and streams that generate revenues from 15 operating copper, zinc, nickel, cobalt, precious metals, potash, and thermal (electrical) and metallurgical coal mines located in Canada and Brazil. Their portfolio includes numerous predevelopment-stage royalties and a large portfolio of exploration-stage projects. **Midland is truly following the footsteps of Virginia...** and the alliance is testament to the strength of the quality prospector-generator model – *qui se ressemble, s'assemble*. We highlight that the JV alliance has recently taken land positions in several areas of the James Bay (see Exhibit 1).
- **Moria awakening:** Midland announced on August 16, 2017 the discovery of a new nickel-copper-cobalt showing with 1.07% Ni, 0.24% Cu, and 0.09% Co. The mineralization, ~15% disseminated pyrrhotite and ~3% pentlandite from a selective grab sample is within a poorly constrained meta-pyroxenite unit that has a minimum strike length of 100m. Midland has thus taken land position and generated the Moria project which is located ~12km SE of Eastmain's (ER-T) Clearwater gold deposit and ~12 km NNW of Azimut's (AZM-V) Wabamisk gold project in partnership with Goldcorp (G-T). We believe infrastructure is rather proximal with Hydro-Quebec's Eastmain-1 dam 25km to the west and we understand that the new Ni-Cu-Co showing is located in an area that was previously mapped as a large, km-scale dioritic intrusion (Casey batholith), but may rather contain mafic intrusive rocks (primitive gabbros) hosting the mineralization. The Moria project is composed of 104 claims (see Exhibit 2).
- **An unexpected zinc party in the Shire:** Midland announced on August 10, 2017 the discovery of a new high-grade massive sulphide zinc showing (O'Connor showing) located ~80km east of Nemaska in a very poorly explored area to the east of the Lac des Montagnes polymetallic belt largely owned by Critical Elements (CRE-V) (see Exhibit 3). Mineralization ranges from coarse grained sphalerite in quartz 'exhalite' that returned up to 7.53% Zn and 4.5 g/t Ag to massive coarse pyrrhotite-pyrite-sphalerite that returned up to 2.79% Zn and 4.4 g/t Ag in grab samples. One pyritic massive sulfide grab sample also returned 0.09% Co and 6.8 g/t Ag. The mineralization

is interpreted as the distal part of a previously unrecognized volcanogenic massive sulfide system. The E-W mineralized horizon was traced over 150m and remains open along strike. The Shire project is composed presently of 538 claims and covers more than 60km of potential favorable stratigraphy in a new regional-scale, bimodal meta-volcanic package.

- **We highlight that Midland has aligned, with its strong partners, solid exploration programs on several district scale projects.** Recall partners include Teck Resources Limited (Patris Au property), IAMGOLD (Heva Au project), SOQUEM Inc (Casault-Jouvex Au project & Vermillion Au, Cu, Ag), Agnico Eagle (Maritime-Cadillac Au project), Osisko Mining Inc. (Baie James JV), JOGMEC (Japan Oil, Gas and Metals National Corporation) (Yterby (REE)) and Abcourt Mines Inc. (Laflamme, Au, Ni-Cu-PGE). **With planned completion of over >25,000m of drilling in 2017, we expect the generation of potential positive results and highlight that Midland continues to soundly apply the prospector-generator model with an impressive portfolio of projects** (see Exhibit 4).

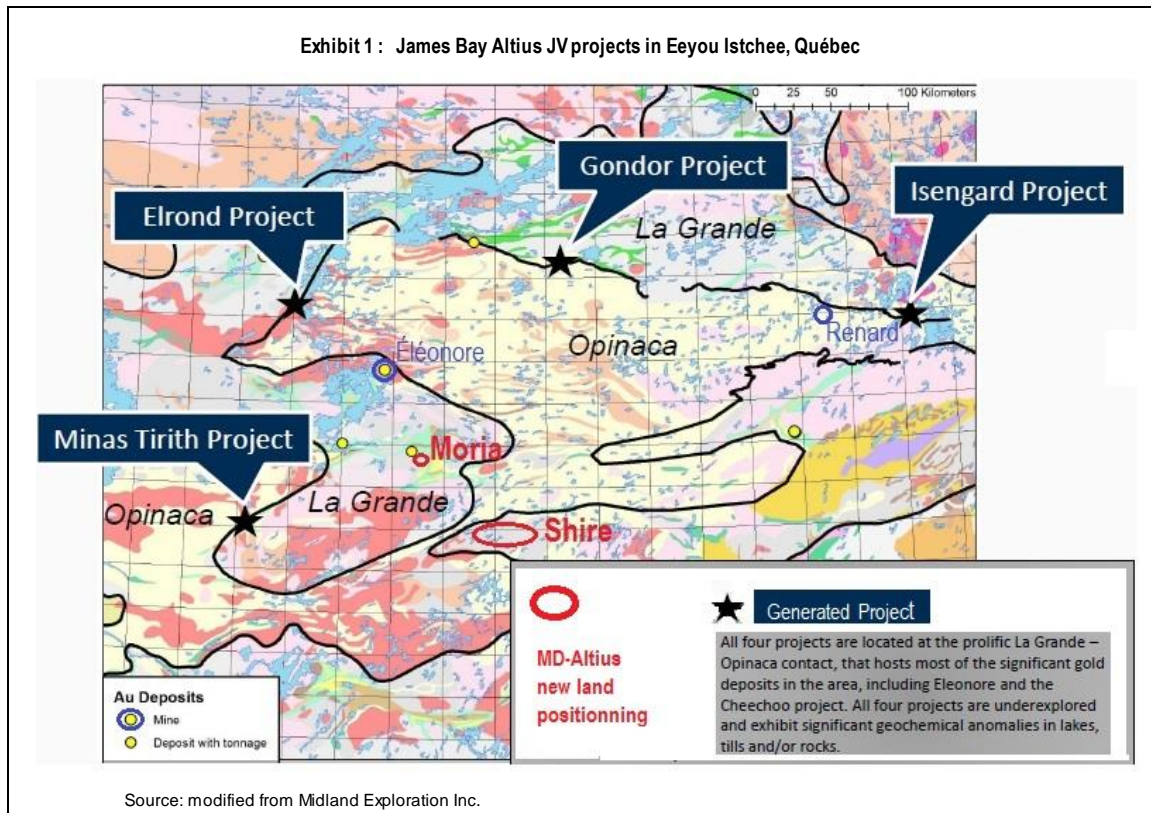
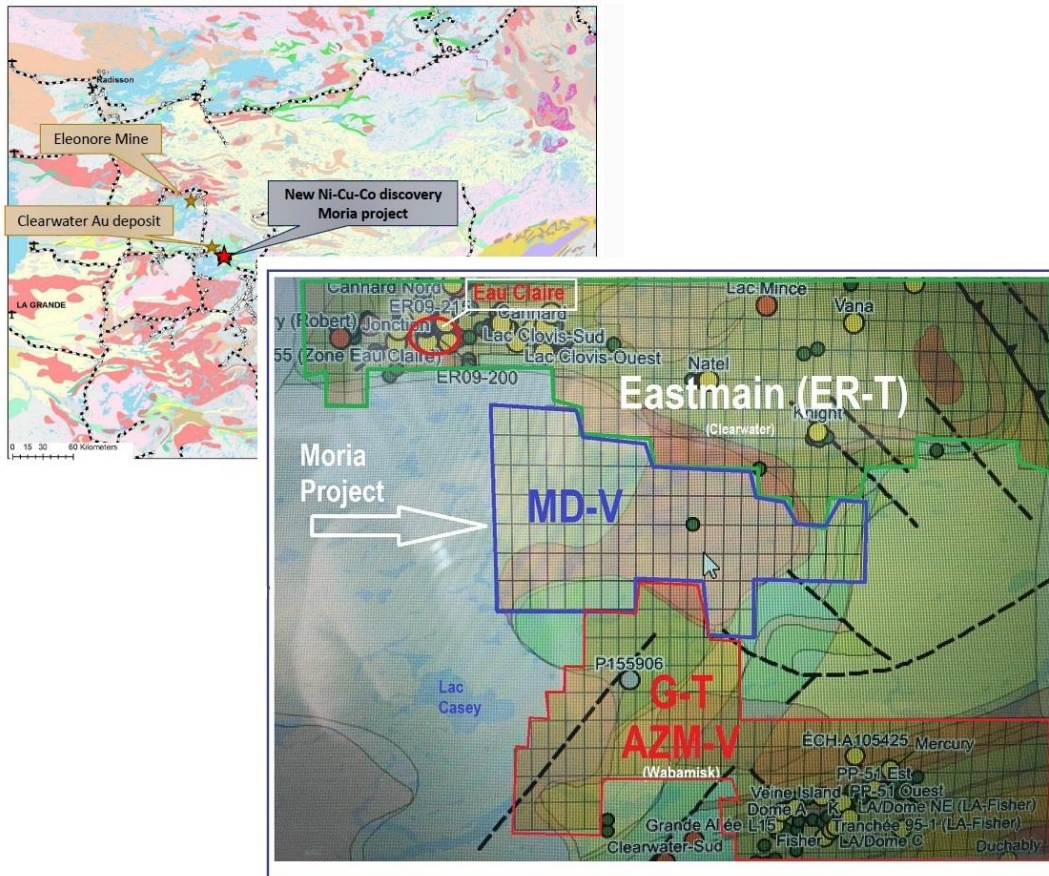
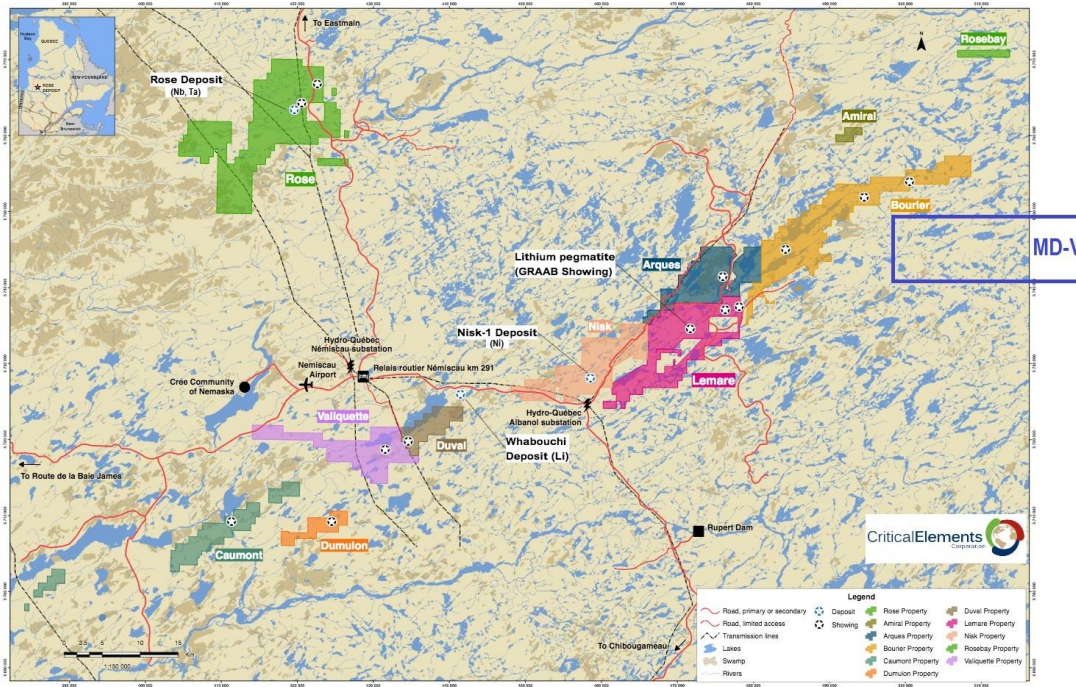
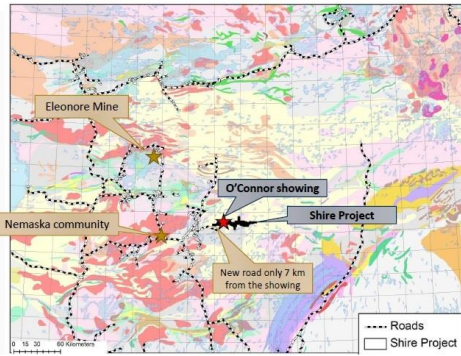


Exhibit 2 : Moria Project



Source: modified from Midland Exploration Inc.; SIGEOM

Exhibit 3 : Shire Project



Source: modified from Midland Exploration Inc.; SIGEOM; Critical Elements Corp.

Exhibit 4 - Midland's NAV Summary

Project	Value (M)	Project	Value (M)
Abitibi		James Bay	
Abitibi (gold projects)	\$0.9	James Bay East (Au, Ag)	\$4.8
Heva (50%) ¹ (IAMGOLD) (Au)	\$6.4	Baie James Osisko JV (Au)	\$6.8
		Altius Alliance James Bay (Au)	\$5.5
		Shire (Zn, Ag)	\$1.6
		Moria (Ni, Cu, Co)	\$1.2
Patris Ext (50%) ¹ (Teck) (Au)	\$8.2	James Bay (uranium)	\$0.3
Casault (50%) (SOQUEM) (Au)	\$6.9	James Bay (various) (Mo, Cu, Fe)	\$0.8
Maritime-Cadillac (49%) (AEM) (Au)	\$10.3	Midland Eleonore Centre (Au)	\$6.6
Lafamme (64.9%) (ABI-V) (Au, Ni-Cu)	\$10.1		
Detour - Casa Berardi Trend		Grenville	
Samson (Ni-PGE)	\$1.3	Gatineau (Zn)	\$2.9
Valmond (Au)	\$3.8	Vermillion (47.5%) (SOQUEM) (Cu, Au)	\$0.9
Jouvex (50%) SOQUEM (Au)	\$2.0		
Adam-Mistaouac (Au, Ag, Cu-Zn)	\$4.5	Quebec-Labrador	
La Peltrie Ext (Au)	\$5.7	Ytterby (51.5%) (JOGMEC) (REE)	\$4.0
		Kuujuak (Pallas) (PGE)	\$3.6
		Willbob (Au)	\$9.1
Turgeon (Au, Cu)	\$2.4	Nichicapau (Zn, Cu)	\$1.2
Appalaches		Other	
Weedon (Cu, Zn, Au)	\$1.6	Other properties (REE, Au, Sc)	\$1.9
Exploration potential goodwill	—	Total NAV	—
Cash & Investments	\$14.0	Shares outstanding (FD)	80.9
Take-over premium	—	Total NAV per share (FD)	—

¹ earning an initial 50% interest

X NAV

Source: EBL Consultants enr.

Important Disclosures

Company	Ticker	Disclosures*
Midland Exploration Inc.	MD-V	C, V, P

* Legend

- A The Mining Analyst, in his own account or in a family related account, owns securities in excess of 1,000 shares of the issued and outstanding equity securities of this issuer.
- B The Mining Analyst, in his own account or in a family related account, owns securities in excess of 10,000 shares of the issued and outstanding equity securities of this issuer.
- C The Mining Analyst, in his own account or in a family related account, owns securities in excess of 30,000 shares of the issued and outstanding equity securities of this issuer.
- D The Mining Analyst, in his own account or in a family related account, owns securities in excess of 50,000 shares of the issued and outstanding equity securities of this issuer.
- E The Mining Analyst, in his own account or in a family related account, owns securities in excess of 100,000 shares of the issued and outstanding equity securities of this issuer.
- F The Mining Analyst, in his own account or in a family related account, owns securities in excess of 250,000 shares of the issued and outstanding equity securities of this issuer.
- V The Mining Analyst has visited material operations of this issuer, namely company headquarters and key projects.
- P This issuer paid a portion of the travel-related expenses incurred by the Mining Analyst to visit material operations of this issuer.
- Q This issuer has directly paid the Mining Analyst.
- R This issuer has indirectly paid the Mining Analyst.

Mining Analyst Certification

I, Éric Lemieux, Mining Analyst, hereby certify that the comments and opinions expressed in this report accurately reflect my personal views about the subject and the issuer.

I determine and have final say over which companies are included in my research and do not have direct or indirect remuneration unless disclosed.

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