

Midland Exploration Inc. (MD-V)

Moving ahead on several fronts and discovery drawing nigh...

Event: Follow-up work in progress on the Vortex gold zone and in the Lower Detour and Casa Berardi fault zones areas as well as project generation in Northern Québec.

Impact: Slightly positive. Midland applying the prospector generator model and continues to generate new projects based on solid analysis.

- **Midland announced on April 12, 2018, the commencement of helicopter-borne electromagnetic (“VTEM”) surveys on its 100% owned Turgeon and Mistaouac projects (acquired during the summer of 2016) within the confines of the regional Lower Detour and Casa Berardi fault zones.** The Turgeon property comprises 246 claims covering a surface area of ~13,800ha and the Mistaouac property totals 404 claims in 2 claim blocks covering a surface area of ~20,800ha. Both properties are respectively located ~25 KM to the SSW and 30km east of the Casa Berardi mine (see Exhibit 1). The VTEM survey (2,830 line-km) aims to detect beyond the deep the pervasive conductive clay-rich overburden, new potential conductors that have remained undetected. Compilation work in 2017 has revealed certain base metal occurrences favourably located in prospective geological settings and the presence of several historical drill holes with gold values. The Mistaouac and Turgeon properties are host to extensive E-W-trending structures similar to the major gold-bearing fault zones in the Abitibi. Following the VTEM survey, Midland shall perform follow-up work during summer 2018 to validate the best VTEM anomalies.
- **Midland also announced that the helicopter-supported 9-hole drilling program has started this week with 2 drill rigs on the Vortex Zone.** The drill program on the Vortex zone of the Casault project shall total >3,500m and aims to follow-up the extensions of the new Vortex discovery disclosed on January 17, 2018 (see Exhibit 2). We note that a January 30, 2018 a press-release stated “Midland and Soquem resume drilling on the new Vortex discovery east of Detour Lake”. We understand that the drill rigs are finally available and that work shall investigate the monzonitic alkaline intrusions on the Vortex gold zone, characterized by hematite, magnetite, carbonates and albite alteration and disseminated pyrite. These type of alkaline intrusions are also largely host to the high-grade Zone 58N on Lower Detour. The Fall 2017 diamond drilling campaign of 5 drill holes gave an average grade x thickness of 8.24 g/t Au x meter. Midland may potentially find the center of gravity of this potential gold system.
- **A Voisey Bay look alike?** On March 28, 2018, Midland announced the acquisition by map staking (175 claims – 8,200ha) of the new, 100% owned, nickel-copper-cobalt Soisson project ~150km SE of Kuujuaq in the Churchill geological province, Québec. The new project covers several historical Ni-Cu-Co showings associated with distinct troctolite to olivine-bearing gabbro-norite intrusions. Recent work (Geological Survey of Canada) proposes that the troctolite/gabbro-norite intrusions at Soissons are dated ~1,311Ma, an age that is proximal to the age of the Voisey’s Bay troctolite (~1,332.7Ma), host to the world-class Ni-Cu-Co Voisey’s Bay deposit located ~ 250km to the East (see Exhibit 3). This may suggest that the Soissons intrusions belong to the same fertile Nain plutonic suite (1,335 to 1,290 Ma) as Voisey’s Bay. Work completed in 2000 and 2001 by WMC International Inc. revealed Ni-Cu-Co grades in grab samples up to 1.22% Ni, 0.5% Cu, 0.06% Co (Papavoine showing); 0.63% Ni, 0.15% Cu,



0.04% Co (A14-1W showing) and 0.67% Ni, 0.43% Cu, 0.05% Co (A14-1E showing). Limited drilling of 9 holes in 2001 intercepted 0.75m @ 1.07% Ni, 0.23% Cu, 0.09% Co; and 1.7m @ 0.55% Ni, 0.43% Cu, 0.03% Co on the Papavoine showing as well as 1m @ 0.57% Ni, 0.29% Cu, 0.03% Co (Papavoine West). Notably, several promising off-hole electromagnetic anomalies remain untested in the extensions of these mineralized intervals and significant intervals of disseminated sulfides with Ni values between 0.1% and 0.2% over decametric widths have not been followed-up on. Highly prospective features such as disseminated to blotchy sulfides, within various hosts i) olivine-bearing gabbro-norites, ii) troctolites, iii) basal magmatic breccias composed of mafic rocks and partly assimilated sulfidic paragneisses and iv) footwall paragneisses, may imply locus for Ni-Cu-Co mineralization. Coupled with new advances in the understanding Ni-Cu-Co deposits based on the studies at Voisey's Bay and other deposits, that now outline the critical importance of basal magmatic breccias and feeder dykes in the formation of Ni-Cu-Co deposits, Soisson is an intriguing target.

- **Midland has also been active on its different project portfolio.** On April 6, 2018 it disclosed drill results with NioBay Metals Inc (NBY-V) on the La Peltrie property and seemed to be infer a good potential for Bousquet-Laronde-type gold occurrences. On March 13, 2018, Midland disclosed that it had resumed exploration work on the Copernick Ni,Cu,PGE Zone of the Laflamme project, including a SQUID-type electromagnetic (EM) survey covering potential kilometre-scale prospective land for polymetallic mineralization. We note that Laflamme is located just north of Osisko Mining Quévillon gold project where on March 15, 2018 Osisko disclosed a mineral resource estimate for the Osborne-Bell gold deposit of 2.5Mt @ 6.13 g/t Au (0.51M oz. Au). Finally on March 1, 2018, Midland resumed drilling on the historic Maritime-Cadillac property (to the SE of the Lapa Mine) in partnership with Agnico Eagle Mines Limited.
- **Moria to awaken?** Recall Midland had announced on August 16, 2017 the discovery of a new Ni-Cu-Co showing with 1.07% Ni, 0.24% Cu, and 0.09% Co on the Moria project (104 claims). The mineralization, ~15% disseminated pyrrhotite and ~3% pentlandite from a selective grab sample was within a poorly constrained meta-pyroxenite unit that had a minimum strike length of 100m. The Moria project is located ~8km SE of Eastmain's (ER-T) Clearwater gold deposit, ~25km N of Azimut's (AZM-V) Chromaska project (Cr, Ni, PGE) where Azimut is presently completing a 1,000m drill program on a 4km long ultramafic intrusion.
- **We highlight again that Midland has aligned, with its partners, solid exploration programs on several district scale projects.** Sylvain Trépanier, Midland's VP Exploration James Bay and Nord du Québec who joined Midland in November 2016 and was named VP on August 16, 2017, is the probable instigator of many of these new projects. Recall Midland's partners include Teck Resources Limited (Patris Au property), IAMGOLD (Heva Au project), Agnico Eagle (Maritime-Cadillac Au project), Osisko Mining Inc. (Baie James JV), SOQUEM Inc (Casault-Jouvex Au project & Vermillion Au, Cu, Ag), Niobay Metals (La Peltrie polymetallic project), Altius Minerals Corporation (James Bay JV) and Abcourt Mines Inc. (Laflamme, Au, Cu-Ni). **With planned completion of >20,000m of drilling in 2018, we expect 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 1 : Midland projects in the Detour and Casa Berardi areas, NW Québec

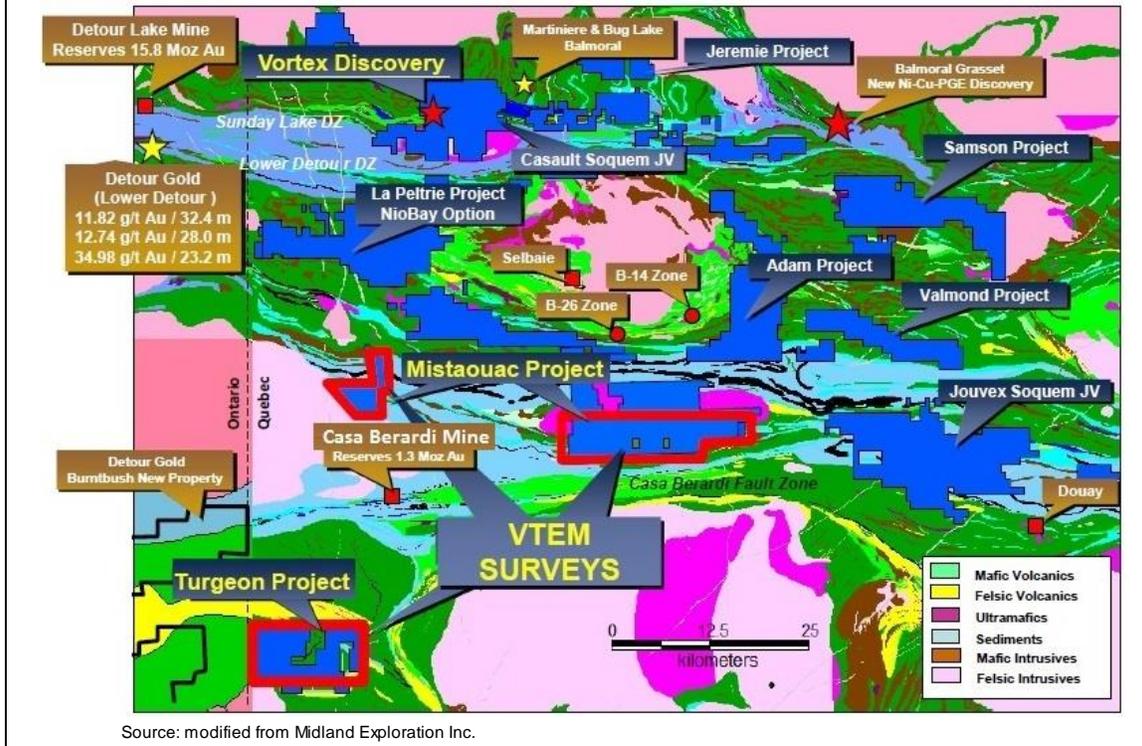
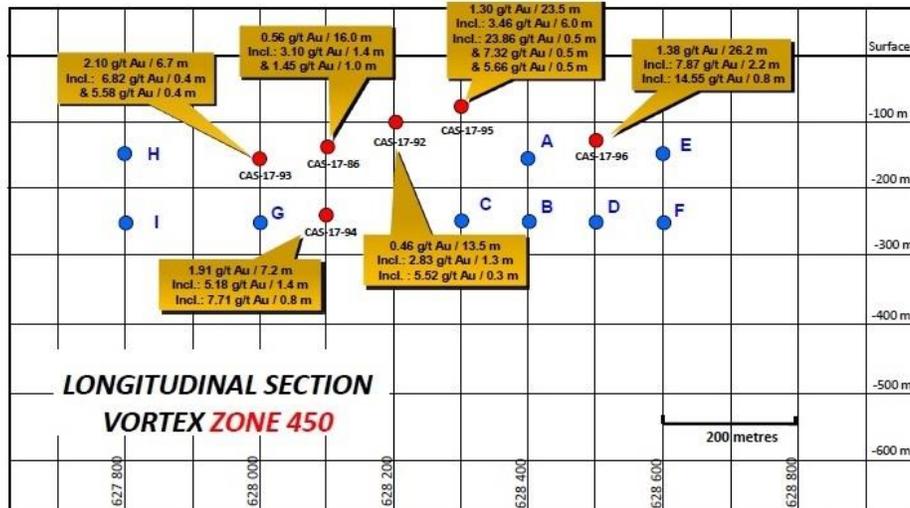
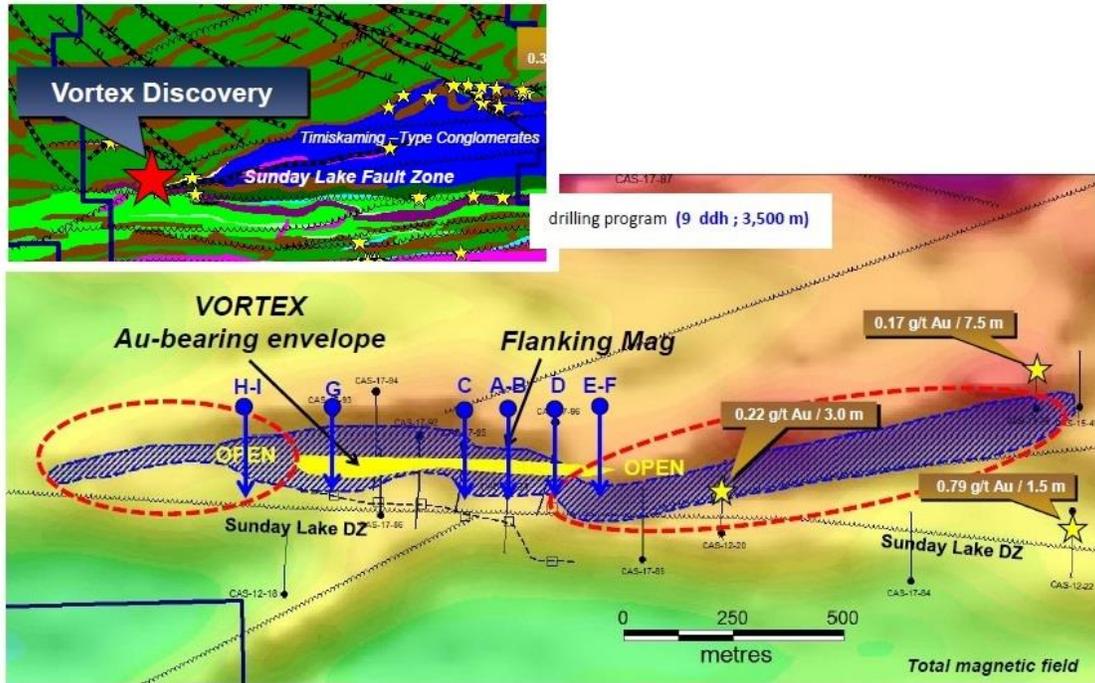




Exhibit 2 : VortexZone, Casault Project



● 2017 ● current drilling program (9 ddh ; 3,500 m)

Looking North

Source: modified from Midland Exploration Inc.



Exhibit 4: Midland's NAV Summary

Project	Value (M)	Project	Value (M)
<u>Abitibi</u>		<u>James Bay</u>	
Abitibi (gold projects)	\$0.9	James Bay East (Au-Ag)	\$5.7
Heva (50%) ¹ (Iamgold) (Au)	\$5.1	Baie James Osisko JV (Au)	\$7.8
Patris Ext (50%) (Teck) (Au)	\$8.2	Altius Alliance James Bay (Au)	\$5.5
Casault (50%) (SOQUEM) (Au)	\$12.2	Shire (Zn, Ag)	\$1.8
Maritime-Cadillac (49%) (AEM) (Au)	\$11.8	Moria (Ni,Cu, Co)	\$1.2
Lafamme (64.9%) (ABI-V) (Au, Cu-Ni, PGE)	\$7.8	James Bay (uranium)	\$0.3
<u>Detour - Casa Berardi Trend</u>		James Bay (various)	\$0.8
Samson (N-PGE)	\$1.3	Midland Eleonore Centre (Au)	\$6.7
Valmond (Au)	\$3.8	<u>Grenville</u>	
Jouvex (50%) SOQUEM (Au)	\$2.0	Gatineau Zn	\$2.9
Adam-Mistaouac (Au, Ag, Cu-Zn)	\$4.9	Vermillion (47.5%) (SOQUEM) (Cu,Au)	\$0.9
La Peltrie ¹ (NBY-V) (Au, Cu-Zn, Ag)	\$4.7	<u>Quebec-Labrador</u>	
La Peltrie Ext (Jérémie, Manthet) (Au)		Yterby (51.5%) (was JOGMEC) (REE)	\$0.1
Turgeon (Au, Cu)	\$3.4	Kuujuak (Pallas) (PGE)	\$3.5
<u>Appalaches</u>		Willbob (Au)	\$12.0
Weedon (Cu)	\$1.5	Nichicapau (Zn, Cu)	\$1.2
		Soissons (Ni, Cu, Co)	\$1.3
		<u>Other</u>	
		Other properties (REE, Au, Sc)	\$1.9
Exploration potential goodwill	--	Total NAV	--
Cash & Investments	\$12.8	Shares outstanding (FD)	83.2
Take-over premium	--	Total NAV per share (FD)	--
¹ other company earning an initial 50% interest		X NAV	
Source: EBL Consultants enr.		Please Contact Me For Final Numbers	

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.
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- 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.

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