



MIDLAND IDENTIFIES NUMEROUS TARGETS ON ITS GOLD PROJECTS IN THE ABITIBI BELT

Montreal, September 18, 2019. Midland Exploration Inc. (“Midland”) (TSX-V: MD) is pleased to report that several new prime exploration targets have been identified on its gold projects in the Abitibi Belt, namely in the Detour Lake belt in northern Abitibi (Sunday Lake, Lower Detour and B26 fault zones), in the Lebel-sur-Quevillon area, and on its properties located near the prolific Cadillac and Destor-Porcupine fault zones in southern Abitibi.

In addition, Midland would like to announce it is actively seeking new partnerships for many of its projects in order to launch new exploration campaigns as early as the fall of 2019.

Highlights:

- Midland identifies several new drilling targets on its **Casault JV, La Peltrie and Samson** projects and controls **more than 40 kilometres of favourable stratigraphy** near the Sunday Lake and Lower Detour faults, with excellent potential for subsidiary faults similar to Detour Gold’s Zone 58N*. Targets include four (4) IP anomalies located in the extension of the Vortex Zone on Casault, three (3) IP anomalies on La Peltrie and four (4) new ground TDEM conductors on Samson.
- Midland identifies several new drilling targets and controls **more than 30 kilometres of favourable stratigraphy** along the extensions of the B26* polymetallic deposit held by SOQUEM, with several new drill-ready conductors on its **Adam** project. These targets consist in five (5) untested VTEM/TDEM conductors.
- Midland **identifies new targets on its Maritime-Cadillac JV project and a new as-yet-untested favourable area near the contact between the Cadillac Fault and Timiskaming conglomerates on the Heva project** northwest of the Canadian Malartic* mine consisting in six (6) drillings targets along the Dyke East, Dyke West and Maritime-Contact.
- Midland **controls more than 8 and 10 kilometres along the Destor-Porcupine and La Pause faults respectively on its Patris project** and has identified extensive hydrothermal alteration zones with anomalous gold.
- Midland identifies **new drilling targets on the Laflamme JV project** west of Lebel-sur-Quevillon consisting in new Gradient IP anomalies near the new Longshot gold showing.
- Midland **is actively seeking new partnerships** in order to resume exploration and **test its numerous gold targets along major gold-bearing fault zones in the Abitibi.**

Detour Lake Belt

In the Detour Lake belt, Midland controls more than 40 kilometres of favourable stratigraphy near the Sunday Lake and Lower Detour faults and along the extensions of the B26* deposit. This extensive area includes the **Casault JV, La Peltrie, Adam, and Samson** gold properties, where several new drilling targets have been identified. Those targets include four (4) IP anomalies located in the extension of the Vortex Zone on Casault, three (3) IP anomalies on La Peltrie and four (4) new ground

EM conductors on Samson as well as five (5) untested VTEM/TDEM conductors located just north of the Brouillan-Enjalran regional contact.

The *Casault JV* project is currently a 50/50 joint venture with SOQUEM Inc. It is located along the Sunday Lake Fault, approximately 40 kilometres east of the Detour Lake* mine. In 2017, Midland and SOQUEM discovered the Vortex zone, a significant gold-bearing system associated with alkaline intrusions. Midland is currently planning a new drilling campaign to test the eastward extension of the Vortex zone along a subsidiary of the Sunday Lake Fault, where the fault comes in contact with Timiskaming-type conglomerates and mafic volcanic rocks.

Vortex 450 zone (best results)

- **1.38 g/t Au over 26.5 m, incl. 7.87 g/t Au over 2.2 m, incl. 14.55 g/t Au over 0.8 m (CAS-17-96)**
 - **1.30 g/t Au over 23.5 m, incl. 3.46 g/t Au over 6.0 m, incl. 23.6 g/t Au over 0.5 m (CAS-17-95)**
- CAS-17-95 Section 628 300E AZM: N180° DIP -50°
 - CAS-17-96 Section 628 500E AZM: N180° DIP -50°

Drillhole	Zone	Section	From (m)	To (m)	Au g/t	Length.(m)
CAS-17-95	450	628 300	77.00	100.50	1.30	23.50
<i>incl.</i>			89.00	95.00	3.46	6.00
<i>incl.</i>			94.50	95.00	23.60	0.50
CAS-17-96	450	628 500	155.80	182.00	1.38	26.20
<i>incl.</i>			179.80	182.00	7.87	2.20
<i>incl.</i>			180.20	181.00	14.55	0.80

The *La Peltrie* project is wholly owned by Midland. It is located south of the Lower Detour Fault, approximately 25 kilometres southeast of the Zone 58N deposit. The entire north part of the La Peltrie project covers a high-potential area for gold occurrences associated with subsidiary faults, similar to Zone 58N. In addition, the west part of the La Peltrie project hosts a gold-bearing massive sulphide (VMS) zone now considered as having Bousquet-La Ronde-type potential.

On the *Adam* property, new electromagnetic (VTEM and TDEM) targets were identified in felsic rocks of the Brouillan Group, near the regional contact zone with the Enjalran Group. These new targets have never been drill-tested and sit at the same stratigraphic level as the B26 deposit, located approximately 15 kilometres further west, about 20 kilometres east of the former Selbaie* mine. In addition, this property, wholly owned by Midland, has excellent gold potential as it is located less than 8 kilometres due east of the B14 deposit, where historic drill results reaching 13.0 g/t Au over 8.75 metres are reported.

Further east, the *Samson* property, wholly owned by Midland, covers the intersection between two major faults: Lower Detour and Sunday Lake, less than 15 kilometres southeast of the Fenelon deposit held by Wallbridge, where new high-grade drill intercepts reaching 144.8 g/t Au over 6.1 metres; 137.6 g/t Au over 4.85 metres; 54.5 g/t Au over 7.8 metres; and 122.4 g/t Au over 2.95 metres are reported. Midland controls more than 10 kilometres alongside these fault zones, with excellent potential for subsidiary faults similar to Zone 58N. Recent helicopter-borne magnetic and electromagnetic surveys have identified new drilling targets characterized by structural complexities affecting structures interpreted as subsidiaries to the Lower Detour Fault.

Cadillac Fault

Midland recently completed a 3D model in Leapfrog to generate new targets on the *Maritime-Cadillac JV* project, currently in joint venture with Agnico Eagle, just east of the former Lapa mine. This

modelling effort led to the generation of six (6) new drilling targets, located along the Dyke East, Dyke West, and Contact Maritime favourable horizons.

The *Heva* gold project is wholly owned by Midland. It is located approximately 5 kilometres northwest of the Canadian Malartic* open pit mine, which is currently jointly operated by Agnico Eagle and Yamana. This project covers conglomerates and wackes of the lower Timiskaming Group near the contact with the Piche Group and the Cadillac Fault located in the south part of the property. In recent years, Midland has conducted a few prospecting campaigns, soil geochemistry surveys and diamond drilling, mainly focussing on an area where new high-grade gold occurrences graded up to 41.0 g/t Au and 38.5 g/t Au in grab samples and up to 24.1 g/t Au over 0.5 metre in channel sample. Upcoming efforts will focus on testing the southern contact of the Timiskaming conglomerates, near the contact with the Piche Group and the Cadillac Fault. This area with strong gold potential is poorly exposed on surface, has never been covered by induced polarization surveys and has never been drill-tested.

Destor-Porcupine Fault

The *Patris* property offers excellent gold potential as it covers the Manneville Fault over more than 8 kilometres, as well as the La Pause Fault over more than 10 kilometres. Both faults are known subsidiary branches of the famous Destor-Porcupine Fault. The geological setting on the Patris property is similar to that of the Malartic mining camp and the South Barnat deposit on the Canadian Malartic property, jointly held by Agnico Eagle Mines Limited and Yamana Gold Inc., *i.e.*, a faulted juxtaposition of clastic metasedimentary rocks and ultramafic units intruded by a porphyry dyke swarm. In 2015, drill hole PAT-15-05 intersected a wide alteration zone with anomalous gold values containing pyrite, chalcopyrite, galena and molybdenite, hosted in syenitic and ultramafic rocks with strong fuchsite, quartz and carbonate alteration along the Destor-Porcupine Fault.

Lebel-sur-Quevillon area

On the *Laflamme JV* project, in joint venture with Abcourt Mines, new drilling targets were identified following a Gradient IP survey covering the diorite that hosts the Longshot showing discovered in the winter of 2019, which graded up to 0.25 g/t Au over 10.0 metres, including 2.19 g/t Au over 0.70 metre. Midland is currently planning a new drilling program to test these new gold targets.

*** Mines and deposits located near Midland projects**

Detour Lake mine: The Detour Lake mine hosts near-surface mineral reserves totalling 14.94 million ounces of gold, consisting in 94.2 million tonnes in proven reserves grading 1.25 g/t Au for 3.79 million ounces of gold (“Moz Au”) and 364.6 million tonnes in probable reserves grading 0.95 g/t Au for 11.15 Moz Au.

Canadian Malartic mine: This open pit mine hosts 51.12 million tonnes in proven reserves at a grade of 0.95 g/t Au (1.57 Moz Au) and 152.55 million tonnes in probable reserves at a grade of 1.13 g/t Au (5.53 Moz Au), for a total of 7.1 Moz Au.

Selbaie mine: Historical production at the former Selbaie mine totals 56.5 million tonnes grading 1.9% Zn, 0.9% Cu, 38.0 g/t Ag and 0.6 g/t Au.

Zone 58N: This deposit hosts 2.87 million tonnes in indicated resources at a grade of 5.8 g/t Au (534,300 oz Au) and 0.97 million tonnes in inferred resources at a grade of 4.35 g/t Au (136,100 oz Au).

Martiniere & Bug Lake: This deposit hosts 6,827,000 in indicated resources (open pit) at a grade of 1.96 g/t Au (431,000 oz Au) and 1,092,000 tonnes in indicated resources (underground) at a grade of 4.54 g/t Au (159,000 oz Au).

B26 deposit: The B26 deposit hosts indicated resources of 6.97 million tonnes grading 1.32% Cu, 1.80% Zn, 0.60 g/t Au and 43.0 g/t Ag, and inferred resources totalling 4.41 million tonnes grading 2.03% Cu, 0.22% Zn, 1.07 g/t Au and 9.0 g/t Ag.

Osborne-Bell deposit: Mineral resources defined by Osisko comprise 2,587,000 tonnes at a grade of 6.13 g/t Au (510,000 ounces) in the inferred mineral resource category.

Fayolle deposit: The new estimate shows a pit-constrained indicated resource of 405,600 tonnes at an average grade of 5.42 grams per tonne gold for a total of 70,630 ounces of gold, and an underground indicated resource of 300,800 tonnes at an average grade of 4.17 g/t Au for a total of 40,380 ounces.

Cautionary Statements:

The true thickness of reported drill intervals cannot be determined with the information currently available.

Mineralization occurring at the mines and deposits listed above is not necessarily representative of mineralization that may be found on projects held by Midland described herein.

Quality Control

All analyses were performed by ALS Minerals in Val-d'Or, Quebec. All samples were analyzed for gold by fire assay with atomic absorption (AA) finish on 30-gram fractions, and all samples with grades above 3.0 g/t Au were reanalyzed with gravimetric finish. For quality control purposes, certified standards and blanks were inserted in all sample batches at regular intervals in the sample stream. All data were reviewed by Mario Masson, certified geologist and VP for Midland, a Qualified Person as defined by NI 43-101.

About Midland

Midland targets the excellent mineral potential of Quebec to make the discovery of new world-class deposits of gold, platinum group elements and base metals. Midland is proud to count on reputable partners such as BHP Billiton Canada Inc., Agnico Eagle Mines Limited, Osisko Mining Inc., SOQUEM INC., Nuvavik Mineral Exploration Fund, and Abcourt Mines Inc. Midland prefers to work in partnership and intends to quickly conclude additional agreements in regard to newly acquired properties. Management is currently reviewing other opportunities and projects to build up the Company portfolio and generate shareholder value.

This press release was prepared by Mario Masson, P.Geo., VP Exploration for Midland and Qualified Person as defined by NI 43-101. For further information, please consult Midland's website or contact:

Gino Roger, President and Chief Executive Officer

Tel.: 450 420-5977

Fax: 450 420-5978

Email: info@midlandexploration.com

Website: www.explorationmidland.com

Neither TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

This press release may contain forward-looking statements that are subject to known and unknown risks and uncertainties that could cause actual results to vary materially from targeted results. Such risks and uncertainties include those described in Midland's periodic reports including the annual report or in the filings made by Midland from time to time with securities regulatory authorities