



MIDLAND IDENTIFIES SEVERAL NEW HIGH-GRADE GOLD SHOWINGS GRADING UP TO 12.15 G/T AU AND START DRILLING ON THE WILLBOB PROJECT, LABRADOR TROUGH

Montreal, September 8, 2016. **Midland Exploration Inc. ("Midland") (TSX-V: MD)** is pleased to report the latest results of its reconnaissance campaign conducted this summer on its Willbob Project (wholly owned by Midland), including the discovery of several new significant gold showings with values up to **12.15 grams per tonne gold ("g/t Au") on the Golden Tooth North showing ("Golden Tooth North")**. These new gold occurrences are favourably located along a series of high-grade gold-bearing corridors that also include several other historical occurrences such as showing 31, which graded up to 31.0 g/t Au, as well as the Kuni (up to 19.8 g/t Au), Lafrance (up to 21.9 g/t Au), Dupuis East (up to 15.0 g/t Au), and Polar Bear (up to 6.4 g/t Au) showings.

Midland has great hopes for this project with strong gold potential and will resume its exploration efforts with prospecting, mapping, channel sampling, as well as a diamond drilling campaign totalling about 1,500 to 2,000 metres. The Willbob property consists of 318 mining claims covering a surface area of about 140 square kilometres and is located about 70 kilometres west of the town of Kuujuaq, in Nunavik. The claim block is underlain by a volcano-sedimentary complex that exhibits complex folding and is injected with several gabbroic and ultramafic sills.

The **Golden Tooth North** showing is located 600 metres north-northwest of the Golden Tooth showing (25.2 g/t Au) and returned gold values up to **12.15 g/t Au**. The Golden Tooth North zone was traced over more than 300 metres strike length and also yielded gold values of **7.34 g/t Au, 3.52 g/t Au, 2.50 g/t Au, 2.11 g/t Au, 1.65 g/t Au, 1.24 g/t Au, 1.14 g/t Au, 1.04 g/t Au, as well as 16 other samples grading between 0.117 and 0.848 g/t Au**. These grab samples were collected in a diorite unit showing albite-chlorite alteration and quartz-calcite veining with pyrrhotite-arsenopyrite mineralization.

Another significant alteration zone with ankerite-albite-chlorite, named the Sunshine showing ("**Sunshine**") (*see Midland press release dated July 21, 2016*), returned gold grades up to **7.27 g/t Au**. The Sunshine zone is located 550 metres east of the Kuni South showing (77.6 /t Au) and was traced over more than 150 metres strike length. This zone also returned new gold values of **3.95 g/t Au, 3.18 g/t Au, 2.72 g/t Au, 1.79 g/t Au, 1.27 g/t Au, as well as 8 other gold values between 0.185 g/t Au and 0.64 g/t Au**. (*Note that gold values from selected grab samples on the new Golden Tooth North and Sunshine showings may not be representative of the mineralized zones*).

During the first phase of the 2016 exploration program, over a short period of 28 days, a total of 619 grab samples were collected mainly in the north part of the property between the Dessureault and Kuni South showings. The first phase of the 2016 summer program also included systematic mapping of quartz-ankerite-albite-chlorite alteration halos surrounding gold-bearing systems on the Willbob property. Assay results confirm that 28 samples yielded gold values above 1.0 g/t Au, and 63 samples graded between 0.1 g/t Au and 1.0 g/t Au.

Results of the 2015 work program included the discovery of two new showings with grades of 1.2 g/t Au and 77.6 g/t Au, respectively located 500 metres and 850 metres south of the Kuni showing. Closer and located between the two high-grade gold occurrences, a polymetallic grab sample also yielded values of 1.2 g/t Au, 132 g/t Ag, 8.5% Pb and 7.1% Zn (*see Midland press release dated August 26, 2015*). Also in 2015, the new Golden Tooth discovery, including nearly 30 samples collected along an identified shear zone with quartz-albite alteration, revealed the presence of gold with ten samples grading more than 3.0 g/t Au and reaching up to 25.2 g/t Au (*see Midland press release dated October 6, 2015*). None of these new occurrences had been previously tested by channel sampling or drilling.

Similar to orogenic gold deposits, these showings are characterized by strong iron carbonate, fuchsite (chrome-rich mica) and quartz alteration as well as the presence of disseminated arsenopyrite, chalcopyrite, pyrrhotite and pyrite, observed over thicknesses ranging from 10 to 100 metres and traced discontinuously over more than 10 kilometres strike length.

Figures showing the location of the new gold occurrences on the Willbob Project may be consulted using the following link: <http://media3.marketwire.com/docs/WillbobSept82016.pdf>

Quality Control

All analysis were performed by ALS Minerals in Val d'Or. All samples were analyzed for gold by fire assay with an atomic absorption finish (AA23) on a fraction of 30 grams and a gravimetric finish for values greater than 3.0 g / t Au. For the quality control, in each transmission, certified standards and blanks were inserted at regular intervals throughout the sequence of samples. The data was reviewed by Mario Masson, VP Exploration for Midland, certified geologist and 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, base metals and rare earth elements. Midland is proud to count on reputable partners such as Agnico Eagle Mines Limited, Teck Resources Limited, SOQUEM INC., Osisko Exploration James Bay Inc., Japan Oil and Gas and Metals National Corporation 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 Richard D. St-Cyr, project geologist, certified geologist 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
E-mail: info@midlandexploration.com

Website: www.midlandexploration.com

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