



MIDLAND COMMENCES AN EXPLORATION PROGRAM ON ITS JAMES BAY GOLD PROJECT NEAR GOLDCORP'S ÉLÉONORE DEPOSIT

Montreal, August 5 2015. Midland Exploration Inc. ("Midland") (TSX-V: MD) is pleased to report the beginning of an exploration program on its 100% owned James Bay Éléonore Gold project located in James Bay, Québec. This second phase of the exploration program includes trenching and channel sampling over anomalies highlighted from this winter's ground geophysics on the Éléonore Centre property.

This Midland James Bay gold project, which encompasses the Éléonore Centre and West properties, is constituted of a total of 327 claims covering 172 square kilometres, and is located approximately 30 kilometres southwest from and in a geological environment similar to Goldcorp Inc.'s Éléonore deposit. This world-class gold deposit contains reserves of 4.97 Moz Au (proven and probable categories), combined measured and indicated resources of 1.06 Moz Au and inferred resources estimated at 2.80 Moz Au, for a total of 8.83 Moz of gold. (*Source: Goldcorp press release dated February 19, 2015*).

Prospecting conducted by Midland from 2009 to 2014 on the Éléonore Centre property identified the presence of several gold showings associated with quartz-tourmaline pyrite bearing veinlets occurring in sheared metasediments, as well as mafic and felsic metavolcanics which returned up to 18.8 g/t Au. These results strongly suggest that an auriferous hydrothermal system is present on the property by a strong abundance of quartz-tourmaline veins over a plurimetric area. In addition, the 2013 ground induced polarisation ("IP") survey detected many north-south trending IP anomalies and several remain unexplained. The 2011 soil geochemistry survey permitted to delineate a series of As-Cu-Sb anomalies clustered along a north-south-trending axis. The 2014 airborne high definition magnetic survey also identified the presence of an important north-south oriented structure associated with several gold showings and soil geochemical anomalies. Finally, a series of parallel northeast trending AeroTEM II conductors were outlined by the 2010 airborne geophysical survey which targeted sulfide bearing Éléonore-type sediments on the northern part of the Éléonore Centre property. Some of these conductors coincide with uncovered gold-bearing disseminated to semi-massive sulfides zones identified by Midland and several EM anomalies still remain unexplained.

The 2015 ground geophysics consisted of an additional 31.5 kilometres of IP and magnetic ("Mag") surveys on the eastern part of the Éléonore Centre property where a major structural feature is interpreted. This IP-Mag survey was successful in identifying several new anomalies which remain unexplained. An excavator will be mobilized on the project and a total of six (6) trenches will be conducted over selected PP anomalies. Furthermore, more trenching will also occur between the 2013 Golden Gun West (up to 12.0 g/t Au on selected grab samples) and Golden Gun trenches (up to 13.6 g/t Au on selected grab samples). The third phase of the exploration program will consist of prospection and geological mapping over the new IP grids best anomalies.

About Midland

Midland targets the excellent mineral potential of Quebec to make the discovery of new world-class deposits of gold, PGE, base metals and rare earth elements. Midland is proud to count on reputable partners such as SOQUEM INC., Teck Resources Limited, Agnico Eagle Mines Limited, Sphinx Resources Ltd and Japan Oil, Gas and Metals National Corporation. 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.

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