



## **MIDLAND EXPLORATION AND OSISKO COMMENCE A FIRST DRILLING PROGRAM ON DUNN PROPERTY**

Montreal, March 16, 2010. Midland Exploration Inc. ("**Midland**") (TSX-V: **MD**), in partnership with Osisko Mining Corporation ("**Osisko**"), is pleased to announce the start of an important drilling program totalling 2,000 metres on the Dunn property. The program is designed to test several new gold targets identified during a recent frequency-domain induced polarization ("**IP**") survey. The Dunn project is located about 35 kilometres northeast of Rouyn-Noranda in the Abitibi region of Quebec.

From December 2009 to February 2010, a total of 108 kilometres of IP surveying, as well as a ground magnetic survey, were completed on a 156-kilometre grid. The IP survey largely focused on an 8-kilometre stretch along the Lac Caste Formation sediments, in order to detect porphyry-type gold mineralization similar to deposits in the Malartic and Duparquet areas, as well as Harker/Holloway-type gold-bearing structures associated with ultramafic volcanic rocks near the Destor-Porcupine Fault.

IP survey results indicate the presence of several extensive chargeability zones within and along the margins of the Lac Caste sedimentary Formation. These anomalies, which have never been tested, represent potential disseminated sulphide zones hosted in sedimentary rocks and associated with porphyry intrusions, and thus constitute priority drilling targets. Other IP anomalies were also detected in association with ultramafic volcanic rocks; these represent another set of important targets. A few anomalies were also identified in felsic volcanic units that were recently compared to felsic rocks in the Kidd-Munro assemblage, host to the Kidd Creek deposit in Timmins.

This first drilling program on the Dunn project, totalling about 2,000 metres, is set to begin in the next few days and will test close to a dozen first-order targets.

### **Terms of the Exploration Agreement**

Osisko can earn 50% of Midland's interest in the property by spending a total of \$1,300,000 in exploration work and making payments totalling \$140,000 over a period of three years. The company must spend \$320,000 in exploration work during the first year (firm commitment). Midland will be project operator until completion of a positive pre-feasibility study. Upon acquiring an initial 50% interest, Osisko will have the option to acquire an additional 15% interest, by delivering a bankable feasibility study, making annual cash payments of \$40,000 and spending a minimum of \$200,000 in exploration each year, up to the delivery of a bankable feasibility study within three years; or by solely assuming all exploration, development and mining operations on the Dunn property, earning 1% additional interest for each \$1,000,000 invested on the property (up to 15% interest by spending \$15,000,000).

### **About Osisko**

Osisko Mining Corporation is currently developing the Canadian Malartic gold deposit and evaluating adjacent areas for a large-scale open pit, bulk-tonnage mining operation. The Canadian Malartic deposit currently represents one of the biggest gold reserves in Canada for a single deposit, and is still growing through ongoing drilling on new mineralized zones.

## **About Midland**

Midland targets the excellent mineral potential and the favourable investment climate of Quebec to make the discovery of new world-class deposits of gold, base metals and REE. Midland is proud to count on reputable partners such as Osisko Mining Corporation, Japan Oil, Gas and Metals National Corporation, Agnico-Eagle Mines Limited, North American Palladium Limited and Soquem Inc. Midland prefers to work in partnership and intends to quickly conclude additional agreements in regard to newly acquired properties. Midland is currently evaluating new opportunities and other projects in order to increase the portfolio of the Company.

This press release was prepared by Mario Masson; Vice-president Exploration of Midland, registered 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](mailto:info@midlandexploration.com)

Website: [www.midlandexploration.com](http://www.midlandexploration.com)

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