



MIDLAND EXPLORATION AND NORTH AMERICAN PALLADIUM IDENTIFY SEVERAL NEW GOLD AND COPPER TARGETS ON THE LAFLAMME PROPERTY

Montreal, February 25, 2010. Midland Exploration Inc. (“**Midland**”) (TSX-V: MD), in partnership with North American Palladium Ltd. (“**North American Palladium**”), is pleased to announce that several new promising targets were identified following the helicopter-borne VTEM survey completed on its Laflamme property, located about 25 kilometers west of the Lebel-sur-Quévillon town in Abitibi, Québec.

The Laflamme property acquisition, at the end of 2008, was based on significant gold and copper anomalies in till samples collected during the Octave project, jointly led by the Ministry of Natural Resources and Wildlife of Quebec and the Geological Survey of Canada.

A 1,118 line-kilometer helicopter-borne VTEM electromagnetic and magnetic geophysical survey has been completed, over the property at line spacing of 200 meters. This survey identified several new conductors. Some of these conductors are closely associated with anomalous till samples containing multiple chalcopyrite grains in heavy mineral concentrates. Furthermore, a detailed structural interpretation, based on new magnetic data, reveals several significant new gold targets defined by complex structural features associated with weak conductors, gold anomalies in till samples and with local iron carbonate alteration in the bedrock.

North American Palladium plans in the following weeks to begin ground geophysical electromagnetic and magnetic surveys, over these new exploration targets to determine drilling targets. About ten promising targets are expected to be evaluated by ground follow-up within a total budget of approximately \$250,000.

This property, currently held 100% by Midland, consists of 494 claims covering a surface area of about 260 square kilometres. This property is strategically well positioned between the Sleeping Giant mine held by North American Palladium, which to date has produced more than 1 million ounces of gold, and the Comtois high-grade gold deposit held by Maudore, which contains an uncut inferred resource of 524,000 ounces of gold in the Osbourne and Bell zones (*Source: May 2002 NI 43-101 technical report by Roscoe Postle Associates Inc.*).

Terms of Exploration Agreement

North American Palladium has the option to acquire 50% interest in the Laflamme property for a consideration of \$1,000,000 in exploration work and payments totaling \$100,000 over a period of four years. The company has a firm commitment to spend \$300,000 in exploration work during the first year of the agreement. North American Palladium will be project operator until completion of a positive pre-feasibility study. Following acquisition of an initial 50% interest, North American Palladium will have the option to acquire an additional 15% interest upon delivery of a bankable feasibility study.

About North American Palladium

NAP is a Canadian precious metals company focused on the production of palladium and gold in mining friendly jurisdiction. Lac des Iles, the Company’s flagship mine, is one of North America’s two primary palladium producers. Located approximately 85 kilometers northwest of Thunder Bay, Ontario, Lac des Iles has produced palladium since 1993. NAP also owns and operates the Sleeping

Giant mine located in the prolific Abitibi region of Quebec. The Company has extensive landholdings adjacent to both the Lac des Iles and Sleeping Giant mines, and is pursuing an aggressive exploration program aimed at increasing its reserves and resources in those areas. NAP trades on the NYSE Amex under the symbol PAL and on the TSX under the symbol PDL.

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 North American Palladium Limited, Agnico-Eagle Mines Limited, Osisko Mining Corporation 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 Midland, registered geologist and a Qualified Person as defined by NI 43-101. For further information, please consult Midland's website or contact:

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