



## MIDLAND APPOINTS MARIO MASSON AS VICE-PRESIDENT EXPLORATION

Montreal, January 12, 2010. Midland Exploration Inc. (“Midland” or the “Company”) (TSX-V: MD) is pleased to announce that Mr. Mario Masson has been appointed Vice-president Exploration.

From January 2008 until recently, Mr. Masson was responsible of various exploration projects for Midland. With more than 20 years of experience in mineral exploration and an active role in many significant discoveries in Québec, Midland is proud to have Mr. Masson on its team. He obtained a Bachelor’s degree in Geology (B.Sc.geol.) in May 1987 from the Université de Montréal and is a member in good standing of the Ordre des géologues du Québec (OGQ). Prior to joining Midland, between October 2002 and December 2007, Mr. Masson was in charge of exploration activities in the Noranda mining camp as Senior Geologist for Noranda Inc. – Falconbridge Ltd. – Xstrata Copper. Mario and his team discovered in 2005 the West Ansil deposit. The AEMQ acknowledged this achievement by presenting its Prospector of the Year Award to the joint Falconbridge/Alexis team.

At the beginning of his career and after spending a few years as a geologist with Nipadex and Muscocho, Mr. Masson joined Noranda Exploration in August 1990. From August 1990 to September 2002, he worked as Project Geologist then as Senior Project Geologist for Noranda Exploration (Noranda Inc.) in the Matagami mining camp. He was a member of the exploration team that, in the early 1990s, discovered the Orchan West and Bell Allard ore deposits. He was also involved in the delineation program for the Caber deposit in 1998 and was part of the team that discovered the Perseverance ore deposit in 2000. This success was acknowledged by the PDAC in 2001, when it presented the Bill Dennis Prospector of the Year Award to the Matagami exploration team.

The Company granted 20,000 options to Mr. Masson. Each stock option entitles the holder to subscribe for one common share of the Company at a price of \$1.40 per share for a five year period.

### **About Midland Exploration**

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, uranium and REE. Midland is proud to count on reputable partners such as Agnico-Eagle Mines Limited, Osisko Mining Corporation, 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 Gino Roger, registered engineer 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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