



## NEW STRATEGIC GOLD ACQUISITION FOR MIDLAND IN THE DETOUR LAKE AREA

Montreal, February 9, 2010. **Midland Exploration Inc.** (“Midland”) (TSX-V: MD) is pleased to announce the acquisition by staking of a new property with strong gold potential, covering more than 8 kilometres strike length along the Sunday Lake Deformation Zone (SLDZ). This major deformation zone hosts the Detour Lake ore deposit in Ontario, about 40 kilometres west of the property, where near-surface reserves are estimated at more than 8.8 million ounces of gold (*source: Detour Gold Corporation website*).

This new property, named Casault, is located about 140 kilometres north of the town of La Sarre in Quebec and consists of 110 wholly-owned contiguous claims covering about 62 square kilometres in Martigny and La Peltrie townships. This new strategic land position is the latest addition to the portfolio of new properties acquired as a result of a major program to generate new targeted gold projects throughout the Abitibi greenstone belt.

Several favourable features were recognized, leading the company to acquire this strategic land position in an area which contains one of the largest undeveloped gold resources in Canada. Specifically, the area shows many intersections between ductile structures, interpreted from a regional study of lineaments. Also, a detailed compilation of previous work revealed the presence of a major gold-bearing shear zone at the contact between magnetic mafic volcanic rocks and intermediate to felsic volcanoclastic units. Historical drilling along this structure further east yielded grades up to **4.3 g/t Au over 12.2 metres including 10.7 g/t Au over 0.8 metre, and 3.7 g/t Au over 4.0 metres** (*source: MRNF Sigeom compilation maps, NTS 32D15, 32L03*). This gold-bearing structure, with quartz, iron carbonate, and sericite alteration and pyrite mineralization, extends to the west onto the Casault property, where it coincides with a number of untested induced polarization anomalies that represent priority exploration targets.

A plan view showing Midland’s new strategic land position can be consulted by the following link:

To view Figure 1, please visit the following link:  
[http://media3.marketwire.com/docs/MID\\_fig1.pdf](http://media3.marketwire.com/docs/MID_fig1.pdf)

### **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 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, 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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