



## MIDLAND OBTAINS HIGH-GRADE GOLD INTERCEPTS ON ITS MARITIME CADILLAC PROPERTY

Montreal, April 28, 2009. **Midland Exploration Inc.** (“Midland”) (TSX-V: MD) is pleased to report new and very promising results from its Maritime Cadillac Property, wholly owned and subject to an option agreement with Agnico-Eagle Mines Limited (“Agnico-Eagle”). The Maritime Cadillac Property is contiguous to the Lapa gold mine property (proven and probable reserve of 1.061 million ounces of gold, with 3.75 million tonnes grading 8.8 g/t Au), where production is slated to begin during 2009. (Source: Agnico-Eagle Mines Limited; revised and published on February 18th, 2009).

### Maritime Dyke East

Drill hole 141-09-21 intersected a grade of **18.5 g/t Au over 1.0 metre** (about 0.70 metre true thickness) associated with a mineralized porphyry intrusion with 3-5% pyrite and pyrrhotite, from 672.8 to 673.8 metres. This intrusion is part of the Maritime Dyke East zone and occurs in altered ultramafic rocks at about 600 metres vertical depth.

From 621.6 to 647.5 metres, this drill hole intersected another porphyry intrusion with pyrite mineralization, at about 565 metres vertical depth, that graded **1.1 g/t Au over 25.9 metres** (about 18.1 metres true thickness), including a zone at **1.9 g/t Au over 11.0 metres** (about 7.7 metres true thickness) from 636.5 to 647.5 metres, which contains a higher-grade section at **4.7 g/t Au over 1.5 metres** (about 1.0 metre true thickness) from 646.0 to 647.5 metres. These new intercepts along the Maritime Dyke East zone remain open along strike and at depth. They are located more than 275 metres away from drill hole 141-08-18A, which had intersected 0.47 g/t Au over 5.60 metres.

### Maritime Contact East

In drill hole 141-09-21, the Maritime Contact East zone was intersected from 761.3 to 764.5 metres and graded **1.5 g/t Au over 3.2 metres** (about 2.3 metres true thickness). Mineralization is associated with the presence of about 2-3% arsenopyrite in an ultramafic schist injected with quartz-carbonate veinlets and altered to biotite. This new intercept is located at about 650 metres vertical depth, about 275 metres below and 100 metres north of the nearest drill hole, namely 141-08-17, which had intersected a grade of 1.29 g/t Au over 2.45 metres during the previous drill program. The Maritime Contact East zone remains open along strike and at depth.

Two other drill holes, planned within the scope of the initial 6-hole program, were completed in the north part of the property. These two drill holes intersected the Maritime Contact East zone but the latter contained only low values despite the presence of alteration along the contact. On the other hand, another contact zone similar to the Maritime Contact East zone appears to develop further west and returned a grade of **2.0 g/t Au over 1.3 metres** from 235.5 to 236.8 metres in drill hole 141-09-19 and a grade of **1.1 g/t Au over 1.5 meters** from 220.0 to 221.5 meters in drill hole 141-09-20.

Midland is very excited by the thickness, grade and location of these new gold intercepts in drill hole 141-09-21, discovered in a favourable geological setting in the gold-rich Cadillac mining camp. This drilling program, which began in late January 2009, is managed by Agnico-Eagle and includes a minimum of six drill holes totalling 3,550 metres. Three drill holes have been completed to date and drilling has now resumed after a 4-week interruption.

A surface plan and a longitudinal section showing these new drill intercepts are available on Midland's website.

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

Agnico-Eagle signed an option agreement on June 1, 2006, to acquire a 50% interest in the Maritime Cadillac Property by investing \$1,000,000 in exploration and by making payments totalling \$100,000 over a 3-year period. Agnico-Eagle will have the option to increase its undivided interest in the property from 50% to 65% over a period of 3 years, by solely financing a bankable feasibility study or by solely assuming all mining operations on the Maritime Cadillac Property, earning 1% additional interest for every \$1,000,000 spent on the property (up to 15% by spending \$15 million).

### **Quality Control**

The Maritime Cadillac exploration program is conducted by Agnico-Eagle and the data is reviewed by Mario Masson, senior geologist for Midland Exploration and a Qualified Person as defined by NI 43-101. Assay samples are taken from BQ size drill core sawed in half with one half sent to a commercial laboratory and the other half retained for future reference. Assays are performed by Lab Expert of Rouyn-Noranda. Significant assay results are duplicated at the original laboratory and also at a second independent laboratory, which is ALS Chemex Chimitec of Val-d'Or.

### **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 and uranium. Midland is proud to count on reputable partners such as Agnico-Eagle, Soquem Inc. and Quest Uranium Corporation. 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, geological engineer and a Qualified Person as defined by NI 43-101. For further information, please consult Midland's website or contact:

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