

Northern Superior Resources Inc.

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NEWS RELEASE - For Immediate Release

**NORTHERN SUPERIOR INITIATES DIAMOND DRILL AND GROUND GEOPHYSICAL PROGRAM,
WACHIGABAU GOLD PROPERTY, QUEBEC**

Sudbury, Ontario (February 25, 2010) **Northern Superior Resources Inc.** (“Northern Superior” or the “Company”) is pleased to announce the initiation of its 2010 diamond drill and ground geophysics programs on its Wachigabau Gold property, Quebec. This drill program will test two zones with gold assay values from historical drill holes which include values of 10.12 g Au/ t over 1.0 m, 5.7 g Au/ t over 3.2 m in one zone and 10.3 g Au/ t over 0.4 m in the other. The ground geophysical portion of the program include magnetic and induced polarization over target areas selected based on gold intersections in historical diamond drill holes.

Dr. T.F. Morris, President and CEO states: “The Company is pleased to initiate this drill program in an area with such reported high gold assay values. This drilling program is based on the completion of two exploration programs during 2009, coupled with the compilation of all associated assessment data filed with the Quebec Government.”

The drill program will consist of 4 holes, each approximately 200 m long. Coupled with this drilling, a ground geophysical program consisting of induced polarization and magnetic surveys (approximately 57 line kilometers) will be completed over exploration grid areas “B”, “E”, “E-north, and “C-northwest” and “Bachelor Lake” (see Company’s web site for layout of grids). These areas were selected based on historical diamond drill hole intersections either on the property or along strike on adjacent claims. These surveys will complement exploration completed in these areas during 2009 and better define high quality drill targets planned for the third quarter of 2010.

The Wachigabau project is under an option and joint venture agreement with Matamec Explorations Inc. (“Matamec”). Following this phase of exploration, Northern Superior will have earned-in on its 50% of all mineral rights on the property, having already paid \$25,000 cash and issued 100,000 shares and 100,000 share purchase warrants to Matamec under the agreement. In addition, Northern Superior will have already spent the \$500,000 it is committed to spend on the property over three years. Once Northern Superior has exercised its option, the Company and Matamec will form a 50- 50 joint venture for all commodities on the property. IAMGOLD retains certain back-in rights on some of the claims. Northern Superior is the operator of the project.

Quality Control

Thomas Hart (P.Geol.) is Northern Superior Resources Qualified Person for this project. As QP, he has prepared or supervised the preparation of the scientific or technical information for the Wachigabau property and has verified the data disclosed in this press release.

About Northern Superior

Northern Superior Resources Inc. is a junior exploration company focused on exploring for gold in the Superior Province of the Canadian Shield. The Company is a reporting issuer in British Columbia, Alberta, Ontario and Quebec, and trades on the TSX Venture Exchange under the symbol SUP. For further information contact:

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