

Northern Shield Resources to drill Ni-Cu-PGE targets at Wabassi, northern Ontario

Ottawa (March 1, 2010) – Northern Shield Resources Inc. ("Northern Shield") (TSX-V: NRN) is pleased to announce that it will drill six Ni-Cu-PGE targets on its 100% owned Wabassi property in northern Ontario. The 1300 meter drill program is planned to start early next month. The drilling will test five moderate to very strong VTEM conductors for Ni-Cu-(PGEs) hosted in massive sulphides and a layer within the Wabassi layered intrusion that can be traced on airborne magnetics for 8 kilometers and is being targeted for reef-hosted PGEs and chromite.

One cluster of anomalies on the property can be traced intermittently for 2000 meters and is open at one end. The EM anomalies correlate with strong magnetic signatures suggesting the presence of pyrrhotite, which is both magnetic and conductive. Pyrrhotite is usually the dominant mineral in Ni-Cu-PGE deposits. The shape and location of this anomaly suggest it may be a feeder conduit into the Wabassi layered intrusion, which was discovered by Northern Shield in 2007. A single drill-hole completed in 2008 intersected primary blebs of pyrrhotite with chalcopyrite (copper) and pentlandite (nickel sulphide) on the edge of the strongest conductor.

“We are very optimistic about these targets,” explains President and CEO Ian Bliss, “to have such strong conductors adjacent to known nickel and copper mineralization is very encouraging.”

The drill program will be overseen by Christine Vaillancourt, Chief Geologist for Northern Shield and a Qualified Person under National Instrument 43-101. The drilling will be conducted by Morecore Diamond Drilling Ltd of Kelowna, British Columbia.

Northern Shield is an innovative, results-driven Canadian company focused on Platinum Group Element (PGE) exploration in Ontario and Quebec. Its mission is to create a successful mineral exploration company through technical excellence and efficient management, where success is measured by the identification and development of high-quality mineral exploration projects, which may ultimately be optioned, sold or developed for maximum return on investment. For further information on Northern Shield and its properties, please visit our website at www.northern-shield.com or contact:

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Forward-Looking Statements Advisory

This news release contains statements concerning the drilling plans, potential for Ni-Cu-PGE mineralization at the Wabassi property, geological, geophysical and/or geometrical analyses of the Wabassi property, and other expectations, plans, goals, objectives, assumptions, information or statements about future events, conditions, results of exploration or performance that may constitute forward-looking statements or information under applicable securities legislation. Such forward-looking statements or information are based on a number of assumptions which may prove to be incorrect.

Although Northern Shield believes that the expectations reflected in such forward-looking statements or information are reasonable, undue reliance should not be placed on forward-looking statements because Northern Shield can give no assurance that such expectations will prove to be correct. Forward-looking statements or information are based on current expectations, estimates and projections that involve a number of risks and uncertainties which could cause actual results to differ materially from those anticipated by Northern Shield and described in the forward-looking statements or information. These risks and uncertainties include, but are not limited to, risks associated with geological, geometrical and geophysical interpretation and analysis, the ability of Northern Shield to obtain financing, equipment, supplies and qualified personnel necessary to carry on exploration and the general risks and uncertainties involved in mineral exploration.

The forward-looking statements or information contained in this news release are made as of the date hereof and Northern Shield undertakes no obligation to update publicly or revise any forward-looking statements or information, whether as a result of new information, future events or otherwise, unless so required by applicable securities laws

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