

Northern Shield Resources Identifies Strong VTEM Conductors at Wabassi Ni-Cu-PGE Property in Northern Ontario; Mobilizes Field Crew

Ottawa, Ontario (November 4th, 2009 – Northern Shield Resources Inc. ("Northern Shield") (TSX-V: NRN) is pleased to announce that it has identified three very distinct and significant electromagnetic (EM) anomalies from a VTEM survey previously completed by it at its 100% owned Wabassi property in northern Ontario. The strength of the conductors range from moderate to strong and include several anomalies interpreted as possibly of very strong conductance. A field crew has been mobilized to the property to locate any outcrop and mineralization that may occur over the anomalies. Ongoing studies and interpretation of the Wabassi intrusion by Northern Shield have isolated two layered sequences that will be prospected for disseminated reef-type PGE mineralization and chromite. Disseminated mineralization and chromite are not usually detected by airborne EM surveys.

Wabassi A Anomaly.

The Wabassi A anomaly can be traced on consecutive survey lines for 1000 meters and then intermittently for another 1500 meters and is open to the southwest. 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 near this EM anomaly intersected disseminated chalcopyrite and pyrrhotite.

Wabassi B and C Anomalies.

The Wabassi B and C anomalies are one and two line anomalies respectively and are of moderate to high conductance. Both anomalies correspond to magnetic highs and are located in inferred depressions on the floor of the Wabassi layered intrusion.

Details of the anomalies will be posted to Northern Shield's website shortly.

"We are very encouraged by the results of the VTEM survey; these are very strong conductors and they are located in the right part of the intrusion," said Northern Shield's President and CEO, Ian Bliss. "We typically expect mostly disseminated, reef-type mineralization in layered intrusions, so the possible presence of massive sulphides is an added bonus."

The VTEM survey was conducted by Geotech Ltd of Aurora, Ontario and geophysical consultancy and interpretation provided by Roman Tykajlo of Geo-Digit-Ex, a Qualified Person under National Instrument 43-101. The project was overseen by Christine Vaillancourt, Northern Shield's Chief Geologist and a Qualified Person under National Instrument 43-101.

Northern Shield is an innovative, results-driven Canadian company focused on Platinum Group Element (PGE) exploration in Ontario. 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 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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