

## Northern Shield to Drill Highbank Lake

**Ottawa (June 2, 2011)** – Northern Shield Resources Inc. ("Northern Shield") (TSX-V: NRN) is pleased to announce a 1600-metre drill program at Highbank is scheduled to commence in July of this year. In 2007, drill-holes 01 and 05 intersected rock-types that are equivalent to those seen at the very top of the Critical Zone in the Bushveld Complex in South Africa. The "Critical Zone" marks the transition from mafic to ultramafic rocks. In the Bushveld, the two main PGE-bearing reefs are located just below this transition. Northern Shield will test the southwestern and western portion of the layered intrusion with four or five holes along strike from the two holes drilled in 2007, where interpretations suggest that the "Critical Zone" comes closer to surface. Previous work by Northern Shield has identified grains of sperrylite (platinum sulphide) and pentlandite (nickel sulphide) along with chromite grains and boulders in stream sediment samples immediately down-ice from this target area. The drill program will also test the continuation of the vanadium-titanium-iron-ore reef that was discovered in the initial drill program at Highbank in 2006. On completion of the drill program at Highbank it is planned to move the drill to Wabassi to join the one already there. Updates of exploration activity at Wabassi, including outstanding assays from the spring drill program, should be available very shortly.

The drill program at Highbank, which is subject to the completion of a financing currently underway, will be overseen by Christine Vaillancourt, Chief Geologist for Northern Shield 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 and Quebec and copper-zinc mineralization at Wabassi. 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](http://www.northern-shield.com) or contact:

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### ***Forward-Looking Statements Advisory***

This news release contains statements concerning the drilling and exploration plans and potential for PGE mineralization at the Highbank Lake property, geological, geophysical and/or geometrical analyses of the Highbank Lake 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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