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North American Nickel Inc. to Fly VTEM Airborne Survey at its Maniitsoq Ni-Cu-PGE Project, Southwest Greenland

Vancouver, B.C. – May 30, 2012. North American Nickel Inc. (TSX VENTURE: NAN) (OTCBB: WSCRF) (CUSIP: 65704T 108). North American Nickel ("NAN") is pleased to announce that it has contracted Geotech Ltd. of Aurora, Ontario to fly its high definition, state of the art, deep penetrating helicopter-borne Versatile Time-Domain EM (VTEM) system over its 100% owned Maniitsoq project in southwest Greenland.

The survey will use the latest iteration of the VTEM system (the VTEM Plus) and approximately 3,000 line-kilometres of surveying will be done over areas totalling about 448 square kilometres. The work will focus on the highly prospective Greenland Norite Belt where historical drilling intersected high grade nickel sulphide mineralization (e.g. 9.85 m of sulphide mineralization averaging 2.67% Ni and 0.60% Cu in hole Im-9).

North American Nickel CEO, Rick Mark, states: "last year's SkyTEM survey successfully demonstrated the effectiveness of helicopter time domain geophysics in this belt and I am pleased that we will be able to survey the remainder of the belt with a system that is even more powerful. VTEM contributed to our sister company's discovery of the Reed Lake deposit in Manitoba and I am looking forward to seeing the results from this survey."

Flying is planned to commence June 9. Targets identified by the survey will be ground checked in the summer and high priority targets will be tested during a drill campaign that is planned to begin in late July. More details on Maniitsoq and other North American Nickel projects may be found on the company's website www.northamericannickel.com.

Qualified Person

All technical information in this release has been reviewed by Dr. Mark Fedikow, P.Geol., who is the Qualified Person for the Company and President and Chief Operating Officer, North American Nickel Inc.

About North American Nickel

North American Nickel is a mineral exploration company with 100% owned properties in Maniitsoq, Greenland, Sudbury, Ontario, and the Thompson, Manitoba nickel belt. VMS Ventures Inc. (TSX.V:VMS) owns 26M shares of NAN.

The Maniitsoq property in Greenland is a district scale project. It comprises a 4,983 square km mineral exploration licence covering numerous high-grade nickel-copper sulphide occurrences associated with norite and other mafic-ultramafic intrusions. The 70km plus long belt is situated along, and near, the southwest coast of Greenland, which is ice free year round.

The Post Creek/Halycon property in Sudbury is strategically located adjacent to the producing Podolsky copper-nickel-platinum group metal deposit of Quadra FNX Mining. The property lies along the extension of the Whistle Offset dyke structure. Such geological structures host major Ni-Cu-PGM deposits and producing mines within the Sudbury Camp.

The Company has 100% ownership in the high-grade Ni-Cu-PGE South Bay property near Thompson, Manitoba and the large grassroots Thompson North and Cedar Lake properties, which are part of the world-class Thompson Nickel Belt in Manitoba.

Statements about the Company's future expectations and all other statements in this press release other than historical facts are "forward looking statements" within the meaning of Section 27A of the *Securities Act of 1933*, Section 21E of the *Securities Exchange Act of 1934* and as that term defined in the *Private Litigation Reform Act of 1995*. The Company intends that such forward-looking statements be subject to the safe harbours created thereby. Since these statements involve risks and uncertainties and are subject to change at any time, the Company's actual results may differ materially from the expected results.

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