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NORTH AMERICAN NICKEL UPDATES EXPLORATION PROGRESS ON THEIR QUARTZ DIORITE OFFSET DYKE, POST CREEK PROPERTY, NORTH RANGE, SUDBURY BASIN, ONTARIO

Vancouver, B.C. – June 29, 2011, North American Nickel Inc. (TSXV: "NAN"; OTCbb: "WSCR"; CUSIP: 65704T 108) is pleased to update exploration on the recently discovered Post Creek quartz diorite offset dyke on its North Range Post Creek property in Sudbury, Ontario.

President and C.O.O. Mark Fedikow states, "North American Nickel continues to expose additional segments of the Post Creek QD offset dyke using mechanical excavators. This effort provides us with additional information upon which to plan exploration as we extend the dyke northwards and to the south towards the Podolsky Mine. It is encouraging to note the Post Creek QD Offset has many of the characteristic features of Offsets in the Sudbury mining camp."

Post Creek Whistle Offset Quartz Diorite Dyke

On June 16, 2011 North American Nickel announced the discovery of a previously undetected mineralized and inclusion-bearing Quartz Diorite ("QD") Offset dyke in outcrop located in the north-central portion of the Post Creek property. The QD dyke occurs approximately 2.8 km north of the currently producing Quadra-FNX Podolsky copper-nickel-PGE Mine and is along the projection of the Whistle Offset structure.

Immediately after the QD discovery North American Nickel commenced mechanical excavator stripping of overburden to expose the dyke for geological mapping and to determine the lateral extent of this dyke southwards towards the Podolsky nickel-copper-PGM mine. After 10 days of stripping the QD has been exposed in outcrop over a distance of 120 m in an approximate north-south orientation. These new outcrops align with an exposure of QD 190 m to the north of the current stripping area. (see links to pictures on website:

http://northamericannickel.com/Theme/NAN/files/images/Image%20June%2029%2011%20small_v01_y3jr09.jpg,

http://northamericannickel.com/Theme/NAN/files/images/Image%20%20June%2029%2011%20Small_v001_s052hv.jpg)

The newly exposed QD dyke has a sinuous, irregular north-south trend and attains widths of between 2-12 m with typical QD textures and inclusion-bearing portions. Where the dyke is irregular in shape, it appears to be a mixture of mafic volcanic rocks, greywacke and quartzite. Locally, disseminated chalcopyrite and pyrrhotite have been noted.

Excavator stripping of outcrop will continue southwards toward Podolsky mine and northwards from the Discovery outcrop area. The outcrop stripping will be accompanied by power washing of the newly exposed outcrop which will improve the quality of outcrop. NAN geologists will have to assist exploration. A detailed mapping and assay program is planned subsequent to the power washing.

The results of a recently completed InfiniTEM ground geophysical survey on the Post Creek property are expected within two weeks and will include a detailed interpretation of the acquired data. The area of the survey included the QD dyke and its northern and southern extensions. The geophysical survey and newly acquired geological information from the QD offset dyke will contribute to drill targets planned for testing this summer.

Qualified Person

All technical information in this release has been reviewed by Dr. Mark Fedikow, P. Geo, 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 properties in the Sudbury, Ontario and Thompson, Manitoba mining camps. The Company's initial focus is on two Sudbury, Ontario properties. The Post Creek property 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, which is a major geological control for Ni-Cu-PGM mineralization. The Bell Lake property is a 256-acre property that covers approximately one kilometre of the Mystery Offset dyke or MOD. The MOD is interpreted to be an extension of the Worthington Offset dyke which is a 10 to 11 kilometre-long mineralized structure that extends from the southwest margin of the Sudbury igneous complex. The Company also has option to acquire 100% ownership in the Woods Creek and Halcyon properties in the Sudbury area; and has acquired 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. North American Nickel Inc. is a member of the North Shore Mining Group.

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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