



North American Gem Inc.

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TSX-Venture: NAG

North American Gem Inc. Contracts Fugro Airborne Surveys to Explore the Tobin Lake Area, Saskatchewan

May 20, 2009: North American Gem Inc. (TSX-V symbol: NAG) (the “Company”) is pleased to announce that Fugro Airborne Surveys of Ottawa, Ontario has been contracted to conduct an airborne geophysical survey on three selected “Survey Blocks” around the Tobin Lake area for a total of 1,453 line kilometres with traverse line spacing of 600 meters. This survey will cover a total of 66,347 hectares and is scheduled to commence in approximately 2-3 weeks and will likely take 3-4 days to complete.

The Company prioritized this particular region surrounding Tobin Lake based on historic coal occurrences within oil exploration wells. The interpreted shallow depth to coal of less than 100 metres from the surface was a key point in this decision. As with the majority of the Company’s land holdings, this region is within the prolific “Durango Trend” as defined by Goldsource Mines Inc.; which comprises several coal occurrences between Wapawekka Lake and the Goldsource’s “Border Property” northeast of Hudson Bay. The surveyed region will also provide year round drilling access to potential targets, and a straight forward approval process through private land holders and the Saskatchewan Ministry of Energy and Resources. The drilling approval process is scheduled to take approximately 1-2 weeks after targets are generated by the airborne survey.

North American Gem has been granted 757 Coal Prospecting Permits covering an area of 1,436,500 acres (581,376 hectares) that have been approved by Saskatchewan Energy and Resources. The Company acknowledges that this land package will require a few phases of airborne study to cover the entire area of interest.

The Company would also like to confirm that Silver Fields Resources and WestCan Uranium Corp., the Operator on Township 55-07-02 (The Old Channel Project), have received their exploration permit. It is expected that exploration and drilling will commence in early June, depending on weather and ground conditions.

North American Gem Inc. has engaged Dahrouge Geological Consulting Ltd. (Dahrouge) of Edmonton, Alberta, to complete the permitting process on its behalf. Dahrouge has significant experience in exploring for, and developing deposits of thermal coal within the Western Canada Sedimentary Basin.

Investors are invited to visit the NAG IR Hub

At <http://www.agoracom.com/IR/NorthAmericanGem> where they can post questions and receive answers or review questions and answers already posted by other investors. Alternatively, investors are able to e-mail all questions and correspondence to NAG@agoracom.com where they can also request to be added to the investor e-mail list to receive all future press releases and updates in real time.

North American Gem Inc. (TSX-V symbol: NAG) is a Junior Exploration Company based in Western Canada. The Company's primary goal is to explore for Coal in North America, currently the focus is in Saskatchewan and West Virginia. In addition to Coal exploration, the Company also has interests in Uranium, Copper, Gold, Molybdenum and other base metals in Canada. The Company has advanced the Louise Lake Copper-Gold-Molybdenum-Silver project, located in British Columbia and has produced a NI 43-101 compliant resource estimate (included in its NI 43-101 Technical Report dated July 14, 2006 and updated February 6, 2009, as filed on SEDAR). The Uranium projects include the Whiskey Gap and Western Basin in Alberta, the Mosquito Gulch property in the Northwest Territories and the Ranger Lake Uranium property in Ontario.

On Behalf of the Board of Directors
NORTH AMERICAN GEM INC.
"Charles Desjardins"

Charles Desjardins
President and Director

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This report contains forward looking statements. Resource estimates, unless specifically noted, are considered speculative. Any and all other resource or reserve estimates are historical in nature, and should not be relied upon. By their nature, forward looking statements involve risk and uncertainties because they relate to events and depend on factors that will or may occur in the future. Actual results may vary depending upon exploration activities, industry production, commodity demand and pricing, currency exchange rates, and, but not limited to, general economic factors. Cautionary Note to US investors: The U.S. Securities and Exchange Commission specifically prohibits the use of certain terms, such as "reserves" unless such figures are based upon actual production or formation tests and can be shown to be economically and legally producible under existing economic and operating conditions.