



North Arrow

MINERALS INC.

Suite 960 – 789 West Pender Street, Vancouver, BC, Canada V6C 1H2

Tel: 604 668 8355 / Fax: 604 604 336 4813

News Release

NORTH ARROW UPDATES TIMISKAMING, LUXX AND MEL DIAMOND PROJECTS

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North Arrow Minerals Inc. (TSXV-NAR) is pleased to provide an update on each of its Timiskaming, Luxx and Mel Diamond Projects, including exploration plans for 2014.

Timiskaming

North Arrow and Stornoway Diamond Corporation (TSX-SWY) have commenced an evaluation of four of the seven kimberlites that form part of the Timiskaming Project joint venture in northeastern Ontario and northwestern Quebec. The program will use approximately 3,300 kg of archived drill core from the 95-1, 96-1, Baby and SC-118 kimberlites to complete a comprehensive evaluation of the mineral chemistry of each kimberlite, and to evaluate their potential to host a coarse diamond population. The diamond evaluation will consist of processing a series of micro-DMS samples for the recovery of +0.3 mm diamonds. Due to small sample sizes, this work will not be definitive, however the recovery of even single +0.3 mm diamond from any of the bodies would have positive implications for the project and could result in the need for new drilling to delineate and better assess the kimberlite. The mineral chemistry work will complement the extensive project database and allow for interpretation of locally anomalous till sample results in the vicinity of the kimberlites and evaluation of untested drill targets in these areas.

Exploration of the Timiskaming Project is conducted under an 80%/20% (North Arrow/Stornoway) participating joint venture.

Luxx

The Luxx project consists of approximately 100,000 acres on tidewater, 60 km northwest from the community of Chesterfield Inlet and 100 km north of the community of Rankin Inlet. The project includes at least one, and possibly three kimberlite indicator mineral (“KIM”) trains defined from over 350 till samples in public assessment records. 2013 exploration work at Luxx consisted of an airborne magnetic survey and the collection of 64 till samples. A number of high priority targets have been identified from the magnetic survey, including several targets located immediately up ice of the KIM trains. Results from the 2013 till samples have confirmed the historic till sample results, and include two highly anomalous samples (pyrope garnet plus ilmenite) located immediately down ice from the highest priority magnetic anomaly. Follow up evaluation work for 2014 will include additional till sampling and detailed prospecting of the highest priority target areas, as well as the acquisition of required permits for a spring 2015 drilling program.

Mel

The Mel project consists of approximately 183,000 acres on the Melville Peninsula, Nunavut, approximately 140 km south of the community of Hall Beach and 210 km northeast of the community of Repulse Bay which is also the location of North Arrow’s Qilalugaq diamond project. The property is located within 10 km of tidewater and hosts two unsourced KIM trains defined from over 500 historical till samples recorded in public assessment files. In 2013 North Arrow conducted airborne magnetic surveys of the two target areas and acquired the historical till sampling database. A review of the database has confirmed that both mineral trains consist of high interest pyrope and eclogitic garnets, as well as kimberlitic ilmenite. Exploration plans for 2014 will include prospecting of targets identified from the 2013 magnetic surveys and additional till sampling.

About North Arrow Minerals

North Arrow is a Canadian exploration company focused on the identification and evaluation of diamond exploration opportunities in Canada. North Arrow's management, board of directors and advisors have significant successful experience in the Canadian diamond industry. In addition to the Timiskaming, Luxx and Mel Projects, North Arrow is planning the collection of a 1,500 tonne bulk sample from the Q1-4 kimberlite at its Qilalugaq (NU) Project and is also evaluating each of the Pikoo (SK), Redemption (NWT), and Lac de Gras (NWT) Diamond Projects.

North Arrow Minerals Inc.

/s/ "Kenneth A. Armstrong"
Kenneth Armstrong
President and CEO

For further information, please contact:

Ken Armstrong
Tel: 604-668-8355 or 604-668-8354
Website: www.northarrowminerals.com

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