

Suite 960 – 789 West Pender Street, Vancouver, BC, Canada V6C 1H2 Tel: 604 668 8355 / Fax: 604 604 336 4813

News Release NORTH ARROW IDENTIFIES NEW TARGETS AT THE PIKOO DIAMOND PROJECT Commences Follow-Up Till Sampling Program

September 23, 2014

Trading Symbol: TSXV: NAR

#14-14

North Arrow Minerals Inc. (TSXV-NAR) is pleased to announce the start of a follow up till sampling program at the Pikoo Diamond Project in central eastern Saskatchewan. The program is intended to collect 120-150 additional till samples to supplement 441 samples that were collected during a four week program completed in June 2014.

Preliminary results have been received from approximately half of the June program samples and have defined new kimberlite indicator mineral (KIM) trains within the property. These KIM trains are separate and discrete from the North and South Pikoo KIM trains where kimberlite was discovered in 2013. The purpose of the current program will be to better define these new target areas in preparation for a winter drilling program in 2015.

The 2014 Pikoo exploration program is being conducted with Stornoway Diamond Corporation (TSX-SWY) under an 80% (North Arrow) / 20% (Stornoway) participating joint venture arrangement.

Qilalugaq Project Bulk Sample Update

North Arrow is also pleased to report that the 1,500 tonne bulk sample from the Q1-4 kimberlite has arrived by sealift in Montreal and is scheduled to start being received by the processing laboratory in Thunder Bay later this week. Starting in early October, the sample will be processed for the recovery of commercial sized (+0.85 mm) diamonds and the resulting diamond parcel will be used to provide an indication of Q 1-4's overall diamond value as well as the sample's diamond content, size distribution and to establish whether or not fancy yellow diamonds seen in earlier-stage sampling persist into the larger diamond sizes.

North Arrow's diamond exploration programs are conducted under the direction of Kenneth Armstrong, P.Geo., President and CEO of North Arrow and a Qualified Person under NI 43-101. Mr. Armstrong has reviewed the contents of this press release.

About North Arrow Minerals

North Arrow is a Canadian based 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 Pikoo Project and Qilalugaq Projects, North Arrow is also evaluating each of the Redemption (NWT), Lac de Gras (NWT), Mel (NU), Luxx (NU) and Timiskaming (ON/QC) 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

> Neither the TSX Venture Exchange nor its Regulation Services Provider accepts responsibility for the adequacy or accuracy of this release.

This news release contains "forward-looking statements" including but not limited to statements with respect to North Arrow's plans, the estimation of a mineral resource and the success of exploration activities. Forward-looking statements, while based on management's best estimates and assumptions, are subject to risks and uncertainties that may cause actual results to be materially different from those expressed or implied by such forward-looking

statements, including but not limited to: risks related to the successful integration of acquisitions; risks related to general economic and market conditions; closing of financing; the timing and content of upcoming work programs; actual results of proposed exploration activities; possible variations in mineral resources or grade; failure of plant, equipment or processes to operate as anticipated; accidents, labour disputes, title disputes, claims and limitations on insurance coverage and other risks of the mining industry; changes in national and local government regulation of mining operations, tax rules and regulations. Although North Arrow has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that Accordingly, readers should not place undue reliance on forward-looking statements. North Arrow undertakes no obligation or responsibility to update forward-looking statements, except as required by law.