

North American Niobium to Commence Systematic Bottom-of-Till and Bedrock Sampling at Sabot Project, Quebec

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Vancouver, March 05, 2026 - [North American Niobium and Critical Minerals Corp.](#) (CSE: NIOB) (OTCQB: NIOMF) (FSE: KS82.F) announces that it will commence a 3 to 4 week bedrock sampling and bottom-of-till sampling program at its 100%-owned Sabot project, located approximately 45 kilometres northwest of the Municipality of La Tuque, Québec.

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The program is designed to advance the Company's niobium (Nb) and rare earth element (REE) targeting by collecting new bottom-of-till information suitable for heavy fraction mineralogy, together with shallow bedrock core information collected from surface using a backpack drill. Based on results and logistical considerations, the program may be expanded to include follow-up coverage on the Company's Bardy and Blanchette properties.

KEY HIGHLIGHTS

- Bedrock and bottom-of-till sampling program will commence at the Sabot project, Québec, and is expected to run approximately 3 to 4 weeks.
- The Company has planned 187 sampling points on an approximate 400-metre spacing, positioned to optimize homogeneity of coverage across the target area.
- The program will focus on collecting bottom-of-till material for heavy fraction mineralogy and obtaining bedrock information via shallow core drilling from surface.
- Bedrock sampling is expected to comprise up to ~2 metres of core from surface per point, depending on overburden conditions.
- Field activities are expected to be conducted by a crew that may consist of up to three operators, with work supervised by consulting geologists working alongside the Company.
- The program may be expanded to include additional sampling on the Company's Bardy and Blanchette areas based on results and logistics.

PROGRAM OVERVIEW

The planned work is intended to refine and prioritize exploration targets through systematic collection of both bottom-of-till and bedrock information in areas where multiple datasets support elevated potential for Nb-REE prospectivity. The program is structured to provide two complementary datasets: (i) bottom-of-till material suitable for heavy fraction mineralogy, and (ii) shallow bedrock core intervals to support direct geological observation and sampling where overburden permits.

At Sabot, the Company has planned 187 sampling points at approximately 400-metre spacing, with point positioning selected to optimize the uniformity of coverage across the area of interest while remaining responsive to local access and site conditions.

Bedrock information will be collected using a backpack drill, with shallow drilling expected to return up to ~2 metres of core from surface, subject to overburden thickness and ground conditions encountered at each

site.

TARGETING RATIONALE

The sampling program is focused on areas of interest defined through the Company's ongoing interpretation of its Québec datasets, including:

- Geophysical signatures interpreted to be consistent with prospective intrusive and/or structural settings;
- Rock and soil geochemical anomalies identified within the project area;
- Structural interpretation used to inform the prioritization of corridors, contacts, and potential controls on emplacement and alteration; and
- Geological indicators interpreted to be consistent with alkaline intrusive environments that can be associated with Nb-REE mineral systems.

The Company cautions that geophysical and geochemical anomalies are exploration indicators only and do not confirm the presence of mineralization. Sampling results and associated mineralogical work will require interpretation in the context of the broader geological setting and may or may not support follow-up work.

"This program is an important step in building higher-quality drill targets at Sabot," said Murray Nye, Chief Executive Officer. "By combining bottom-of-till sampling suitable for heavy fraction mineralogy with shallow bedrock core information, we aim to strengthen our geological understanding and improve our chances of hitting niobium and rare earth elements mineralization in our upcoming 2026 drill program"

ABOUT NORTH AMERICAN NIOBIUM AND CRITICAL MINERALS CORP.

North American Niobium and Critical Minerals Corp. is a North American mineral exploration company focused on the acquisition and development of precious, base, and critical mineral assets. Its portfolio includes the Silver Lake property in British Columbia's Omineca Mining Division and a recently acquired land package in Québec's Grenville Province. The Québec properties add exposure to rare earth elements (REE), niobium (Nb), and nickel-copper (Ni-Cu) occurrences, expanding the Company's footprint into critical minerals that are strategically important for energy and defense applications.

ON BEHALF OF THE BOARD OF DIRECTORS:

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FORWARD LOOKING STATEMENTS

This news release contains "forward-looking statements" within the meaning of applicable Canadian securities legislation. All statements in this release, other than statements of historical fact, that address events, results, outcomes or developments that the Company expects, anticipates or intends to occur in the future, or that otherwise reflect management's expectations or beliefs about future events, are forward-looking statements. Forward-looking statements are generally, but not always, identified by the use of words and phrases such as "expects," "plans," "anticipates," "believes," "intends," "estimates," "projects," "potential," "opportunity," "strategy," "target," "forecast" and similar expressions, or statements that events, conditions or results "will," "would," "may," "could," or "should" occur or be achieved.

Forward-looking statements in this release include, but are not limited to: (i) statements regarding the Properties and their mineral prospectivity; (ii) the Company's planned exploration, development and evaluation activities on the Properties; and (iii) the potential for the Grenville Province to host significant rare earth element, niobium, nickel-copper or other critical mineral deposits. Such forward-looking statements are based on the Company's current plans, intentions, expectations and beliefs and are subject to certain assumptions, including, without limitation, assumptions that exploration results will continue to support the prospectivity of the Properties.

Although the Company believes the expectations expressed in such forward-looking statements are reasonable, such statements are not guarantees of future performance or outcomes and actual results may differ materially from those expressed or implied in the forward-looking statements. Factors that could cause actual results to differ materially from those anticipated include, but are not limited to: the timing and receipt of required regulatory approvals; changes in commodity prices and market conditions; the availability of capital and financing on acceptable terms; general economic, business and political conditions; risks inherent in mineral exploration and development, including operational risks, geological uncertainties, environmental risks and accidents; changes in government regulation or policy; and the speculative nature of mineral exploration and development. Additional information regarding risks and uncertainties faced by the Company is available in the Company's public disclosure record on SEDAR+ (www.sedarplus.ca).

Readers are cautioned that forward-looking statements are not guarantees of future performance, and undue reliance should not be placed on them. The forward-looking statements contained in this release are made as of the date hereof and are based on information currently available and management's beliefs, estimates, expectations and opinions at that time. Except as required by applicable securities laws, the Company undertakes no obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

Qualified Person

The scientific and technical information contained in this news release has been prepared in accordance with National Instrument 43-101 - Standards of Disclosure for Mineral Projects ("NI 43-101"). Clyde McMillan, P.Geol., a consultant to the Company and a Qualified Person as defined under NI 43-101, has reviewed and approved the technical information contained herein.

The Company also wishes to acknowledge and pay tribute to the late Jean David for his important contributions to Québec geoscience, including the U-Pb geochronological work referenced herein.

The Canadian Securities Exchange does not accept responsibility for the adequacy or accuracy of this release and has neither approved nor disapproved the contents of this press release

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