JUNE 4, 2026 **TSXV:NSU | OTCQB: NSURF**

NORTH SHORE BEGINS DRILLING AT RIO PUERCO

North Shore Uranium Ltd. (**TSX-V: NSU** | **OTCQB: NSURF**) ("**North Shore**" or the "**Company**") is pleased to report that it has commenced its first drill program at its Rio Puerco uranium project in the Grants Uranium District of northwestern New Mexico ("**Rio Puerco**" or the "**Project**"). To date, the Company's drill contractor Harris Exploration Drilling and Associates has completed a total of three rotary drill holes totaling 625 m (2,050 ft.). North Shore plans to drill up to 26 holes totaling approximately 5,975 m (19,600 ft.). The main objective of the program is to begin validating and further evaluating historical exploration data generated by the Kerr-McGee Mining Corporation ("**Kerr-McGee**") in the 1960s and 1970s. Each of the sites selected for drilling is a "twin" of a rotary hole drilled by Kerr-McGee in the 1970s. Details of the 2026 drill program, uranium mineralization and work history at Rio Puerco were summarized by the Company on April 9, 2026.

As announced on May 26, 2026, the Company received approval of its Minimal Impact Exploration Operation Permit from the state of New Mexico and its Notice of Intent to conduct mineral exploration activities from the Bureau of Land Management in May.

Brooke Clements, President and CEO of North Shore stated: "*We are excited to see the drill turning at Rio Puerco and the program running smoothly. The data we acquire from this program will help us do a detailed assessment of the uranium mineralization at the Project. With its rich uranium mining history and an abundance of uranium resources, we think that New Mexico has the potential to become a leader in the USA's push to produce more uranium in the future. On June 2, Urenco, one of two uranium enrichment facilities in the USA and the largest, located in New Mexico, announced a major expansion.*"

Drill hole RP-26-18-640 at Rio Puerco on May 30, 2026.

QUALIFIED PERSON

Mr. Brooke Clements, MSc, P.Geol., a Qualified Person as defined by National Instrument 43-101 – *Standards of Disclosure for Mineral Projects* and the President and CEO of North Shore, has reviewed and approved of the scientific and technical disclosure in this press release.

ABOUT NORTH SHORE

The nuclear power industry is undergoing increased development to meet CO_2 emission-reduction goals and the needs of new power-intensive technologies like AI. In this environment, discoveries of uranium deposits may be significant, especially in established uranium-producing jurisdictions like Saskatchewan and New Mexico. North Shore is focused on advancing exploration for uranium deposits. The Company is working to achieve this goal by exploring Rio Puerco in the Grants Uranium District of New Mexico and its Falcon and West Bear properties at the eastern margin of the Athabasca Basin in Saskatchewan. In addition, the Company continues to evaluate quality opportunities in the United States and Canada to complement its portfolio of uranium properties.

ON BEHALF OF THE BOARD

Brooke Clements,
President, Chief Executive Officer and Director

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Forward-Looking Statements

This news release contains forward-looking statements. All statements, other than statements of historical fact that address activities, events, or developments that the Company believes, expects, or anticipates will or may occur in the future are forward-looking statements. These statements reflect management's current expectations based on information currently available and are subject to a number of risks and uncertainties that may cause actual results to differ materially from those discussed in the forward-looking statements. Forward-looking statements in this release include, but are not limited to: the planned scope of the current drill program at Rio Puerco; the Company's objective of validating and further evaluating historical exploration data; the initiation and results of work programs and their potential outcomes; the Company's ability to acquire up to an 87.5% interest in the Rio Puerco project and to create a joint venture with Resurrection Mining LLC ("Resurrection"); the Company's exploration strategy to evaluate additional opportunities in the United States and Canada; the actual results of current and planned exploration activities, including the whether exploration activities result in the identification of mineralization of potential economic interest at Rio Puerco and the Company's Falcon and West Bear properties in Saskatchewan; the ability of the Company to meet milestones and make bonus payments to Resurrection; the interpretation and meaning of completed and future geophysical surveys, drilling results, and economic evaluations; the availability of sufficient funding on terms acceptable to the Company and the timing and receipt of the required regulatory and government approvals,; and other statements that are not historical facts. Forward-looking statements are frequently characterized by words such as "plan", "expect", "anticipate", "intend", "estimate", "believe" and similar expressions, as well as statements that certain events or conditions "may", "could", "would" or "will" occur. These statements are subject to various risks and uncertainties that may cause actual results to differ materially from those anticipated or implied, including, but not limited to: risks that the Company may not complete its entire planned drill program on the anticipated timeline; risks relating to contractor availability and site conditions; risks that historical exploration data may not be indicative of future results; the speculative nature of mineral exploration; the availability of financing on acceptable terms; delays in obtaining governmental or regulatory approvals; fluctuations in uranium prices; and other factors described in the Company's public disclosure documents. Additional risks not presently known to the Company may also cause actual results to differ materially from those anticipated. Any forward-looking statement speaks only as of the date on which it is made and, except as may be required by applicable securities laws, the Company disclaims any intent or obligation to update any forward-looking statement, whether as a result of new information, future events, or results or otherwise. Forward-looking statements are not guarantees of future performance and accordingly undue reliance should not be put on such statements due to the inherent uncertainty therein. All forward-looking statements contained in this news release are expressly qualified by this cautionary statement.