



29 July 2026

ASX Limited
Company Announcements Office

NEU HORIZON COMMENCES RADONX™ SURVEYS OVER SWEDISH URANIUM PROJECTS

Neu Horizon Uranium Limited (ASX: “NHU”, “Neu Horizon” or the “Company”) is pleased to announce that field exploration has commenced over the Company’s Arvidsjaur, Hotagen and Krokom projects located in northern Sweden. The main focus of the field programme includes the deployment of proprietary RadonX™ detector cups used to identify radon anomalies potentially associated with buried uranium mineralisation.

Highlights:

- The 3,600-cup RadonX™ survey is to be conducted over six high-priority uranium prospects, including the Ravenberget, Suddesjaur, Arresåive and Laisbäcken prospects (*Figure 1*); and the Stor-Stensjön and Storvallflon prospects (*Figure 2*).
- RadonX™ is a highly sensitive radon-detection technique designed to identify uranium mineralisation beneath transported cover, including glacial till.
- The surveys have been designed to test areas around and along strike of multiple historical uranium occurrences identified by the Geological Survey of Sweden (“SGU”) during exploration undertaken in the 1970s and 1980s.
- Results will be integrated with data from the ongoing high-resolution drone magnetic and radiometric survey announced by the Company on [15 July 2026](#) to refine and prioritise drill targets for the Company’s planned winter drill campaign.
- Neu Horizon is fully funded to undertake its planned two-year exploration programme in Sweden following completion of its \$12.0 million IPO at \$0.20 per share.

Commenting on the commencement of the RadonX surveys, Neu Horizon’s CEO, Conrad Ocker, said:

“With Neu Horizon’s exploration strategy focussed on systematically exploring our district-scale Swedish portfolio of uranium projects using modern uranium exploration techniques, we are excited to be the first to bring RadonX™ to Sweden.

The proprietary RadonX™ technology has been used successfully in Canada to identify radon anomalies associated with buried uranium mineralisation beneath substantial transported cover. Integrating RadonX™ results with the high-resolution magnetic and radiometric data currently being collected will provide a powerful targeting tool to refine drill-collar positions ahead of our planned winter drilling campaign.”

RadonX™ Survey Programme

The RadonX™ programme will test six priority prospects across Neu Horizon's Swedish exploration portfolio, including the Ravenberget, Suddesjaur, Arresåive and Laisbäcken prospects (**Arvidsjaur project**); the Stor-Stensjön prospect (**Hotagen project**) and the Storvallflon prospect (**Krokom project**).

Survey grids have been designed to test historical uranium occurrences identified historically by the SGU over the various projects, together with interpreted structural extensions and areas with prospective geology concealed beneath glacial till and other transported cover. Detector cups to be deployed at nominal 35m intervals along survey lines spaced approximately 70m apart.

RadonX™ results will be interpreted together with the high-resolution drone magnetic and radiometric survey data currently being acquired over the projects. This integrated approach is intended to identify structural controls, prospective lithological contacts and geochemical anomalies that will be used to finalise drill-collar locations.

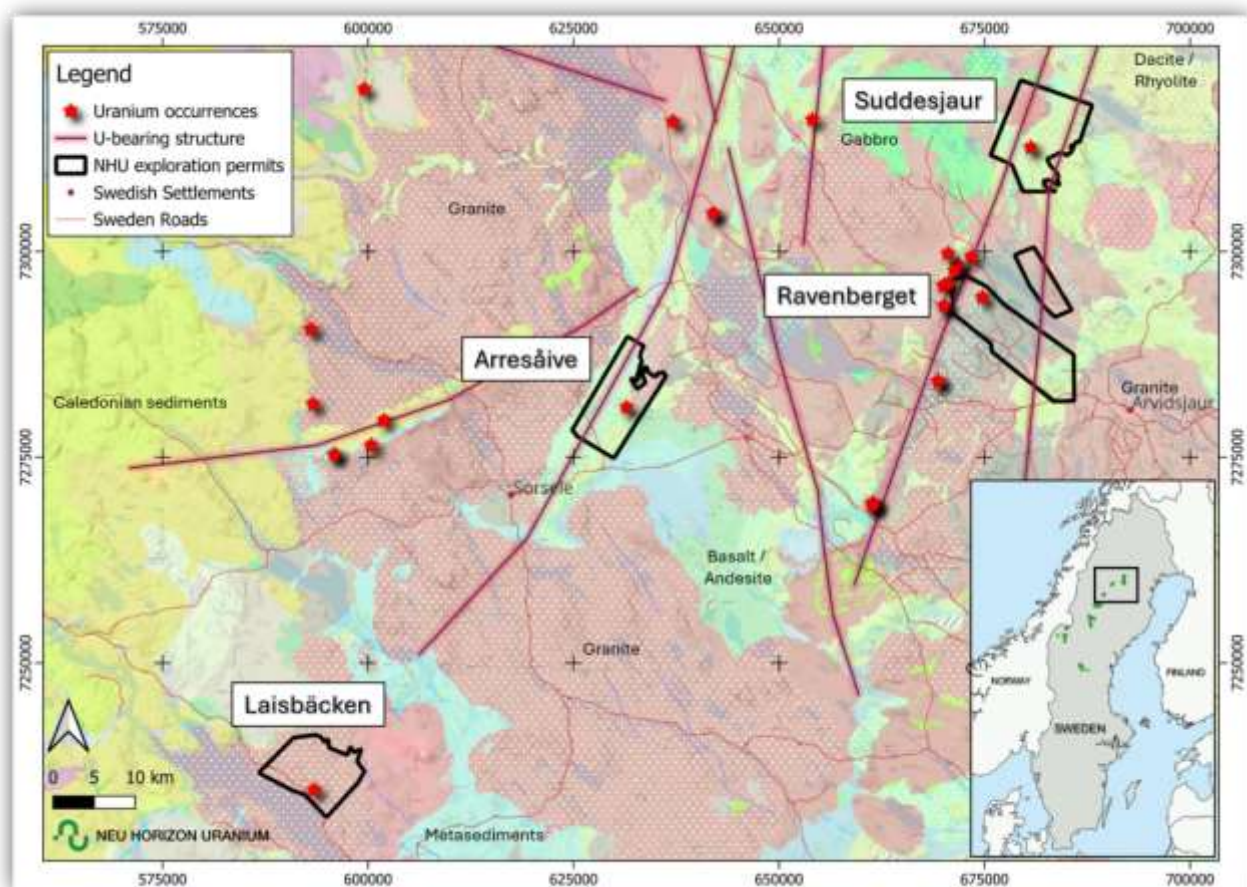


Figure 1: Location of the Ravenberget, Suddesjaur, Arresåive and Laisbäcken prospects within Neu Horizon's Arvidsjaur Project, where RadonX™ surveys are currently underway.

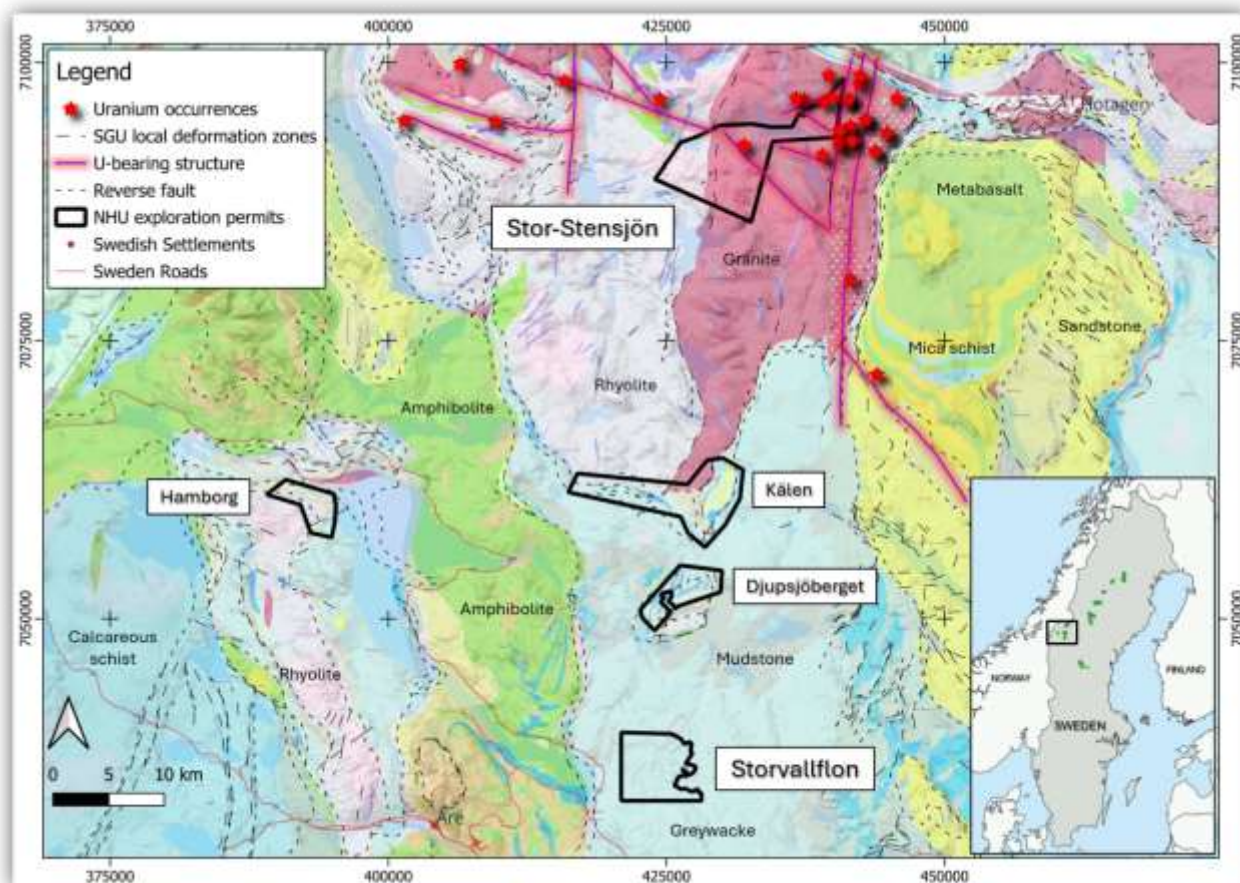


Figure 2: Location of the Stor-Stensjön and Storvallflon prospects within Neu Horizon's Hotagen and Krokom projects respectively, where RadonX™ surveys have been planned.

About RadonX™

RadonX™ is a proprietary radon emanometry technique developed by **Remote Exploration Services Pty. Ltd.** ("RES") based on the Radon-on-Activated-Charcoal (ROAC) technique originally pioneered by the South African Atomic Energy Board in the 1970s. Through extensive experimental research and orientation surveys, RES significantly refined the original methodology to create one of the most sensitive and effective radon exploration techniques available.

The method has been specifically engineered to maximise detection sensitivity through optimised analytical procedures, carefully selected activated charcoal, and purpose-designed field equipment. The technique has consistently demonstrated an ability to detect and accurately delineate buried uranium mineralisation, with depth penetration exceeding 100 metres under favourable permeability conditions. Compared with conventional alpha-particle radon surveys, RadonX™ offers significantly improved sensitivity and detection performance.

RadonX™ exploits the natural migration of radon (^{222}Rn), a gaseous daughter product of uranium decay, through permeable overburden to the surface. Unlike conventional radon surveys that measure alpha particles, RadonX™ measures the gamma emissions from radon's decay products, ^{214}Bi and ^{214}Pb , after the radon has been adsorbed onto activated charcoal. An important advantage of the technique is its inherent exclusion of thoron (^{220}Rn), whose extremely short half-life prevents it from contributing to the measurement. This eliminates interference from thorium-bearing lithologies and provides a cleaner, more reliable uranium exploration signal.

In the field, RadonX™ employs custom-designed detector cups containing activated charcoal cartridges that are buried for 10 days to maximise radon adsorption (Figure 3). Following retrieval, the cartridges are analysed on site using a portable gamma spectrometer housed within a lead shield to minimise background radiation. The combination of efficient detector deployment, simultaneous collection and field analysis provides rapid turnaround of survey results that significantly improves survey efficiency and exploration decision-making.

More information about RES and RadonX can be found (<https://www.res.co.za/>).



Figure 3: RadonX™ field deployment. Each inverted detector cup is buried in a shallow hole, with its location recorded by GPS and marked with flagging tape. The detector is recovered approximately 10 days after deployment for field analysis.

Supportive Swedish Uranium and Nuclear Policy

Sweden has strengthened its position as a strategic European jurisdiction for uranium exploration and potential future production through a series of recent legislative and energy-policy developments, including:

- removing the prohibition on uranium extraction and reinstating uranium as a concession mineral under the Swedish Minerals Act, effective from 1 January 2026;

- introducing legislative amendments, effective from 15 July 2026, under which municipal council approval is no longer required for uranium extraction and associated processing activities;
- the selection of Rolls-Royce SMR by Videberg Kraft as the proposed supplier for a planned three-reactor small modular reactor development at the Värö Peninsula near the existing Ringhals nuclear power station; and
- establishing a government objective to enable at least 2,500 MW of new nuclear generation capacity by 2035, followed by further substantial expansion through to 2045.

These developments reflect Sweden's objective of expanding reliable, fossil-free electricity generation to support industrial electrification, security of energy supply and the broader energy transition.

About Neu Horizon Uranium Limited

Neu Horizon is focussed on identifying and exploring district-scale uranium opportunities, with the core focus in Sweden where the Company is targeting high-grade structurally-controlled and high-tonnage black-shale uranium deposits across 5 district-scale projects covering more than 110,000 Ha. In addition, Neu Horizon is exploring for high grade basement-hosted uranium deposits over 35,000 Ha along the underexplored northern rim of the Athabasca Basin - the leading source of high-grade uranium supplying ~20% of the world's uranium.

Given the positive political outlook towards uranium coupled with the lack of uranium exploration across Sweden since the mid-1980's, there is a significant opportunity for Neu Horizon to discover multiple economic uranium deposits over their large landholding through the application of modern exploration techniques.

Further information on Neu Horizon's Swedish and Canadian projects can be found in the Independent Technical Reports prepared as part of the Company's IPO Prospectus, available online at <https://neuhorizonuranium.com.au/>.

The Company is not aware of any new information in relation to its previously disclosed exploration results contained with the Company's prospectus that materially affects the results reported therein.

This announcement has been authorised for release by the Board of Neu Horizon.

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