FIELDWORK UNDERWAY AT HENBURY URANIUM PROJECT, NT

Highlights

- Greenvale's first ground-based field program has commenced at the Henbury Uranium Project. located in the Amadeus Basin in the Northern Territory which hosts world-class uranium deposits.
- 21 individual targets have been identified from multiple coincident geophysical anomalies, structural controls, geological setting and potentially uranium-related gas anomalies.
- Deliberate and structured ground radiometric and portable XRF surveys will be undertaken along with geological reconnaissance and mapping to evaluate the prospectivity of the Henbury Project.

Greenvale Energy Limited **ASX: GRV** ("Greenvale" or "the Company") is pleased to advise that it has commenced its maiden ground-based exploration field work program at the Company's Henbury Uranium Project, located in the Northern Territory.

The field team deployed to Henbury via Alice Springs on Wednesday 27 August 2025, with field work commencing on Thursday 29 August 2025.

The field-based aspects of the program are expected to run for 10-14 days, with subsequent data analytics and geochemical testing expected to continue through to Q4 CY2025. The Henbury Project is shown in figure 1.

Greenvale CEO Alex Cheeseman said:

"This is the first on-ground field work Greenvale has undertaken on our NT projects, and so is an exciting step forward. The Henbury Project is located in the Amadeus Basin, which hosts a number of world-class uranium deposits.

"The team has diligently prepared the field plan by layering and fusing multiple sources of data to identify three high-priority areas, with 21 individual points of interest highlighted for ground-based radiometrics, portable XRF surveys and geological reconnaissance.

"This systematic and comprehensive approach to planning and execution is the best way to deliver efficient and effective exploration programs as we seek to make the next big uranium discovery in the NT."

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Comprehensive Target Development

Recent airborne magnetics/radiometrics (mag/rad) surveys, acquired on a close flight-line spacing of 100m, have identified three large areas of radiometric, U^2/Th anomalism[1] at Henbury.

To supplement the survey data and further refine targets for ground-based follow up, project-wide Sentinel-2 multispectral imagery was acquired, assessed and correlated with the Company's survey data and publicly available information from the NT Government's Strike Portal.

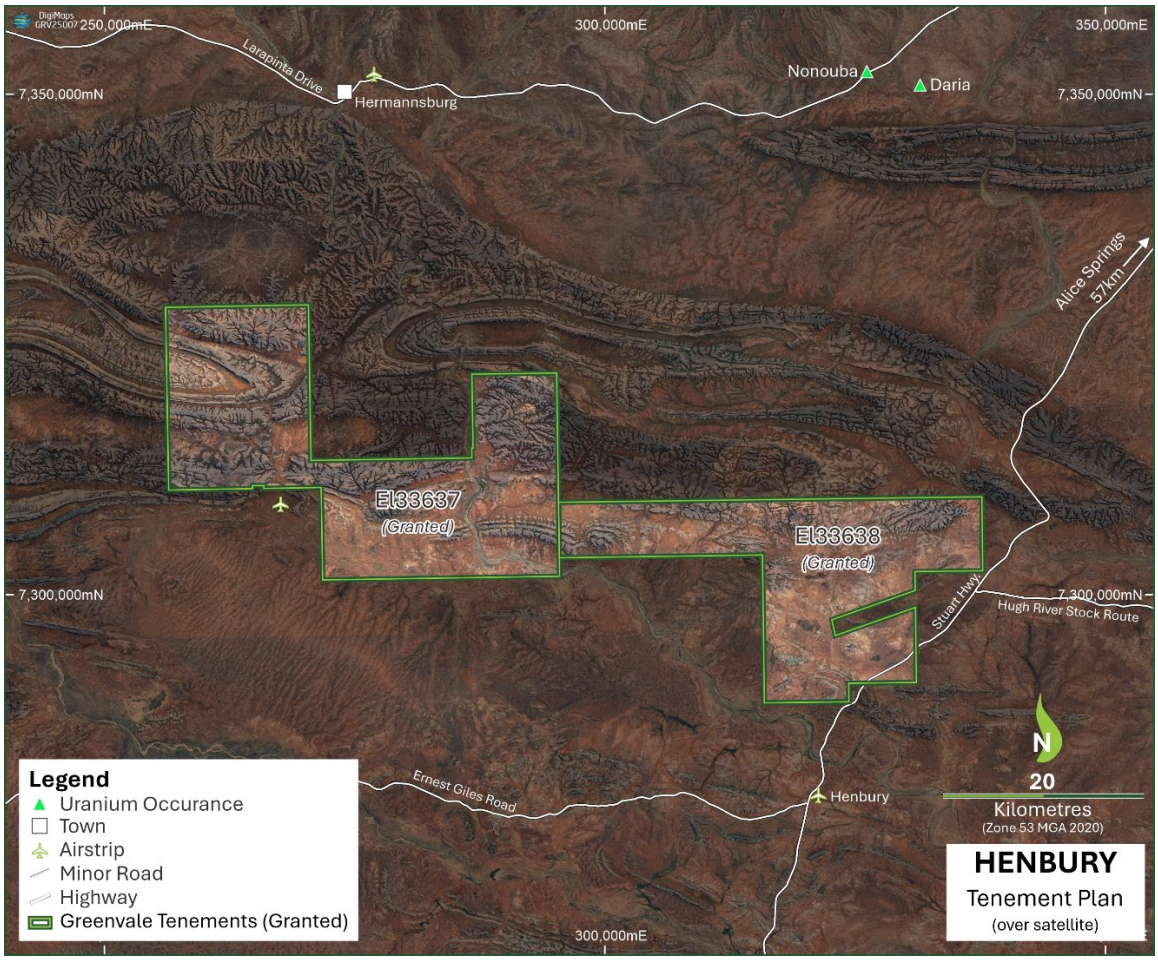

Figure 1 – Henbury Project Map

Each layer of data allows further interpretation, improving the resolution of each identified possible uranium anomaly. Ultimately, this exercise aims to constrain the size of each field target, allowing for more focused exploration efforts to find potential geochemical pathfinders for uranium mineralisation.

A comprehensive prospectivity analysis was completed using regional-scale, open-file Bouguer Anomaly gravity, regional and tenement-scale magnetics, together with radiometrics and newly-acquired Sentinel-2 multispectral imagery, regional geology and structural information from the 1:250,000 scale government geology mapsheet.

[1] Refer to ASX Announcement *Multiple Uranium Anomalies Identified at Key NT Projects* released 15 May 2025

Coincident features of interest include: east-west and northwest-southeast orientated palaeovalley features, intersecting fault and fold structures, U^2/Th anomalies correlating with various gas anomalies including radon, and coincident pyrite, calcite and clinochlore anomalism on the Sentinel-2 data.

Geologically, the U^2/Th and coincident Sentinel-2 anomalies coincide with mapped Hermannsburg Sandstone and Ljlltera Member (arkose), which are both stratigraphically situated below the Brewer Conglomerate. This latter formation hosts the Undandita Member sub-arkoses, sandstones, siltstones and carbonates which, in turn, hosts the Angela Uranium Deposit.

The targeted areas of interest with discrete individual targets, can be seen in figure 2.

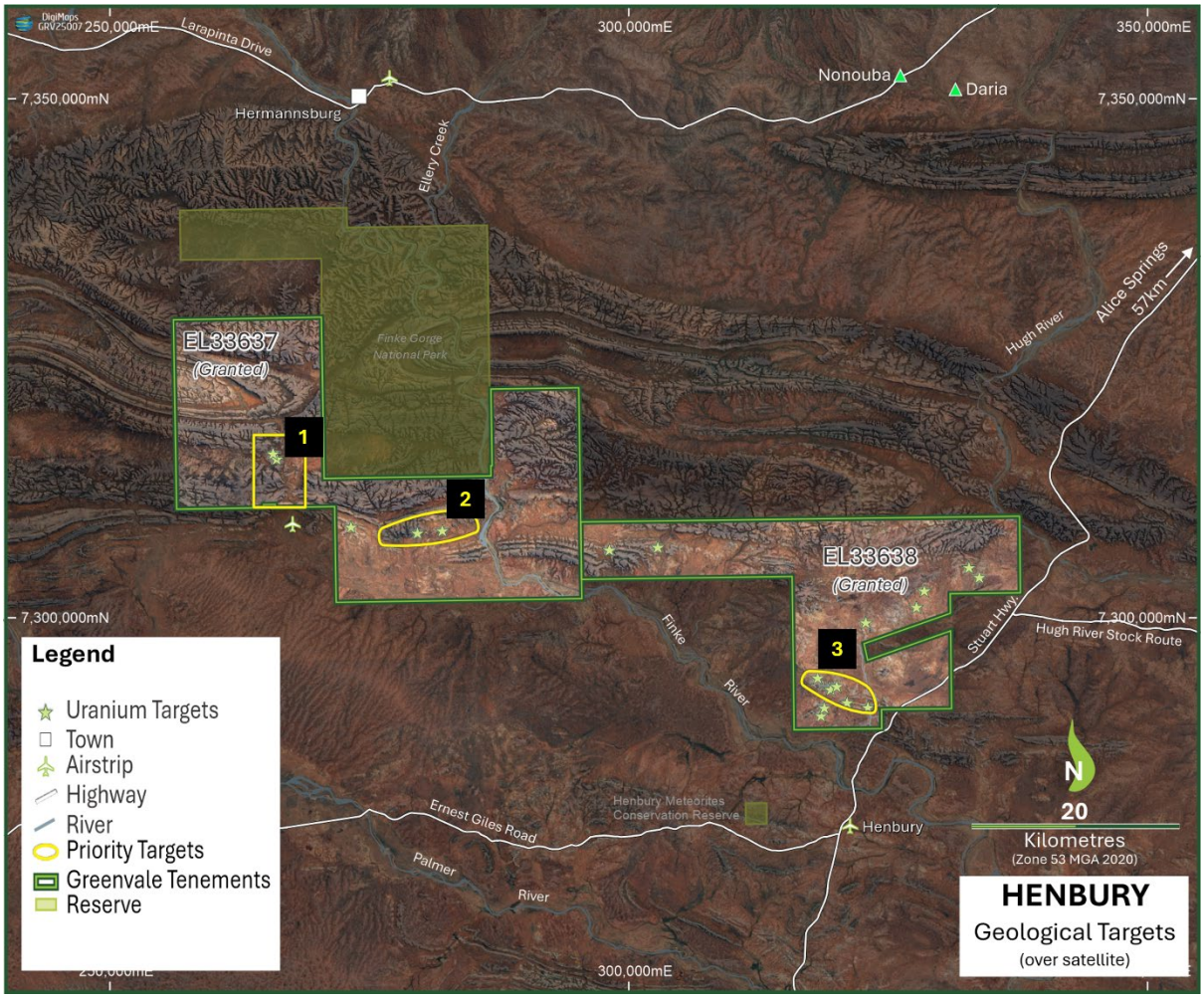

Figure 2 – Henbury Project Priority Target Areas for Field Program

Field Program

The prospectivity analysis identified a total of 21 discrete exploration targets in three main areas, comprising Henbury West, Henbury Central and Henbury East. Field work will involve the ground-truthing of each U2/Th and multi-spectral anomaly, through ground-based scintillometer (radiometric) and portable XRF surveys, followed by geological mapping on areas of high prospectivity.

Authorised for release

This announcement has been approved for release by the Board of Directors.

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About Greenvale Energy Limited

Greenvale is an ASX-listed exploration company with a portfolio of projects that will support a sustainable, low-carbon future. The Company has early-stage uranium exploration projects in the Northern Territory, the Oasis advanced-exploration project in Queensland and the Alpha Torbanite and Millungera Basin geothermal projects in Queensland. The Company believes the best way to create long-term shareholder value is by investing in exploration, to make discoveries and grow its resource-base.

Forward Looking Statements

This announcement may contain certain forward-looking statements and projections. Such forward looking statements/projections are estimates for discussion purposes only and should not be relied upon. Forward looking statements/projections are inherently uncertain and may therefore differ materially from results ultimately achieved. The Company does not make any representations and provides no warranties concerning the accuracy of the projections and disclaims any obligation to update or revise any forward-looking statements/projects based on new information, future events or otherwise except to the extent required by applicable laws. While the information contained in this report has been prepared in good faith, neither the Company nor any of its directors, officers, agents, employees or advisors give any representation or warranty, express or implied, as to the fairness, accuracy, completeness or correctness of the information, opinions and conclusions contained in this announcement.

Compliance Statement

This announcement contains information on the Company's Oasis Project wholly based on previously announced exploration results and extracted from ASX market announcement dated 15 Mat 2025 reported in accordance with the 2012 JORC Code and available for viewing at www.greenvaleenergy.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in any original ASX market announcement.