

## EXTENSIVE AIRBORNE MAGNETIC/RADIOMETRIC SURVEYS COMPLETED OVER NT URANIUM PROJECTS

### Highlights

- 7,300 line kilometres of airborne magnetics/radiometrics have been flown over the Douglas River and Elkedra Uranium Projects.
- This completes airborne survey coverage across all of Greenvale's extensive Northern Territory uranium-focused land package.
- Detailed geophysical interpretations are expected within two months.
- Pending results will help develop and refine targets for field-based mapping and sampling programs and future drilling.

Greenvale Energy Limited **ASX: GRV** ("Greenvale" or "the Company") is pleased to announce the successful completion of airborne magnetics/radiometrics (mag/rad) surveys over its Elkedra and Douglas River Uranium Projects in the Northern Territory, Australia.

### **Comprehensive Airborne Geophysics Survey Completed**

The airborne geophysics survey, covering a total of 7,300 line kilometres, was flown by Magspec Airborne Surveys using a Cessna 210 aircraft, specially modified for geophysical surveys. The surveys covered approximately half of both EL33670 (Douglas River) and EL33756 (Elkedra). The last survey lines were flown on 18<sup>th</sup> May.

Preliminary assessment of the radiometric data will be undertaken by ASIS International, with Arrow Geosciences undertaking a detailed interpretation of magnetics overlain by radiometrics. The detailed geophysical interpretations are expected within the next two months.

The geophysical survey data and interpretation will complement similar work completed over the Henbury and Jindare Projects earlier in the year, where multiple elevated uranium anomalies were identified<sup>1</sup>.

### **Greenvale CEO Alex Cheeseman said:**

*"Completing this important foundational exploration work is a key step for Greenvale to identify follow-up targets across our extensive uranium-focused land package in the Northern Territory."*

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<sup>1</sup> Refer to Compliance Statement on Page 4

**Interactive Investor Hub** - Engage directly with Greenvale through our Investor hub, you can ask questions, review comments and get direct access to the Company – follow the link [greenvaleenergy.com.au/announcements](https://greenvaleenergy.com.au/announcements)

*The results will allow us to refine targeting opportunities and plan follow-up field work.*

*Incrementally building our knowledge base will allow us to design focused and cost-effective follow-up groundwork programs, helping to streamline the exploration process.*

*With investor sentiment in the uranium sector rebounding strongly, we are eager to move forward with these exciting projects.”*

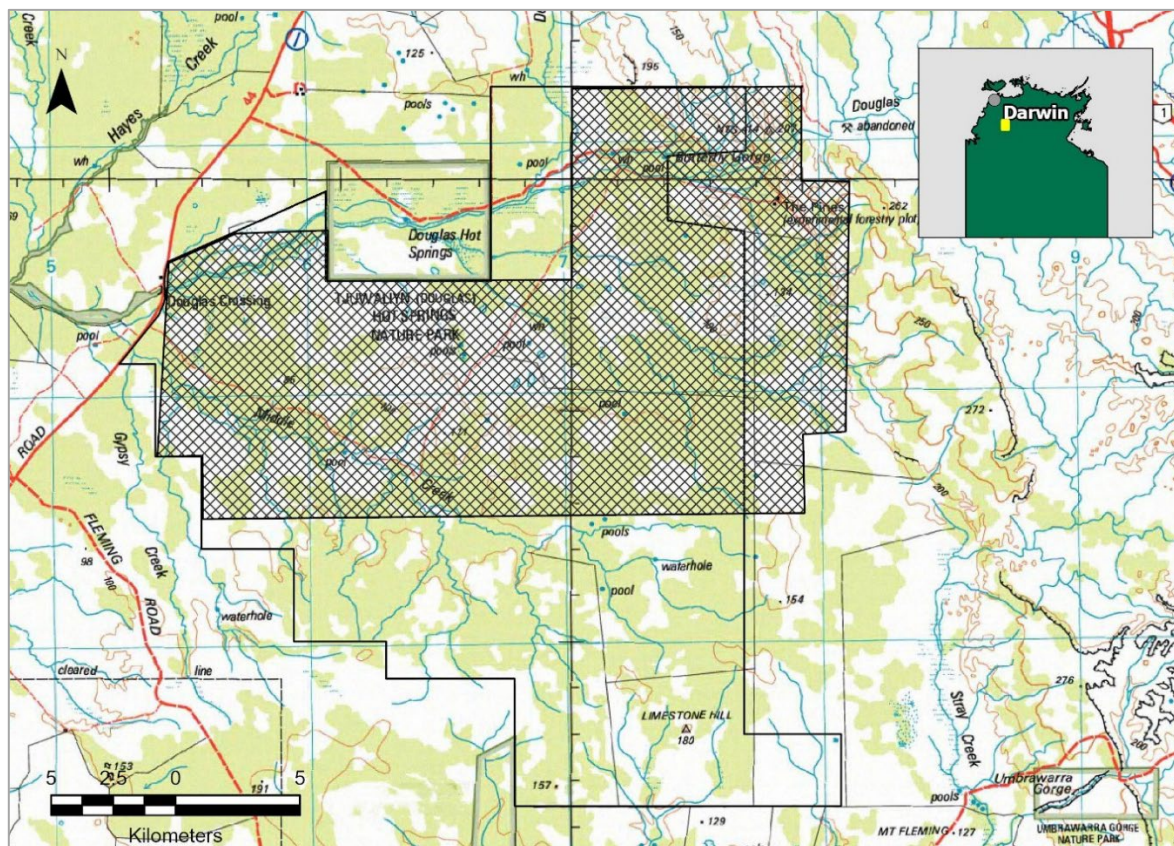
### **Douglas River Project (EL33670)**

The Douglas Project covers an area of approximately 465sqkm and is located approximately 200km south of Darwin, in the Daly Basin on the south-western side of the Pine Creek Mineral Field. The project area has been historically explored for a number of minerals including uranium, gold, tin, base metals and diamonds with extensive anomalism defined from surface sampling.

The Pine Creek Region is one of the world’s largest and richest uranium provinces, containing the Alligator River (Ranger and Jabiluka) deposits as well as the Rum Jungle and South Alligator Valley (Coronation Hill and El Sherana) deposits.

Over the period 12<sup>th</sup> May to 18<sup>th</sup> May, an airborne survey totalling 3,775 metres was flown at a height of 40m and line spacing of 100m over the northern half of EL33670. Results are currently being reviewed and interpreted and are expected in the next two months.

The Douglas Project Tenement area and areas flown in the recent airborne geophysics campaign are shown in Figure 1.



**Figure 1. Completed Douglas River Airborne Survey area**



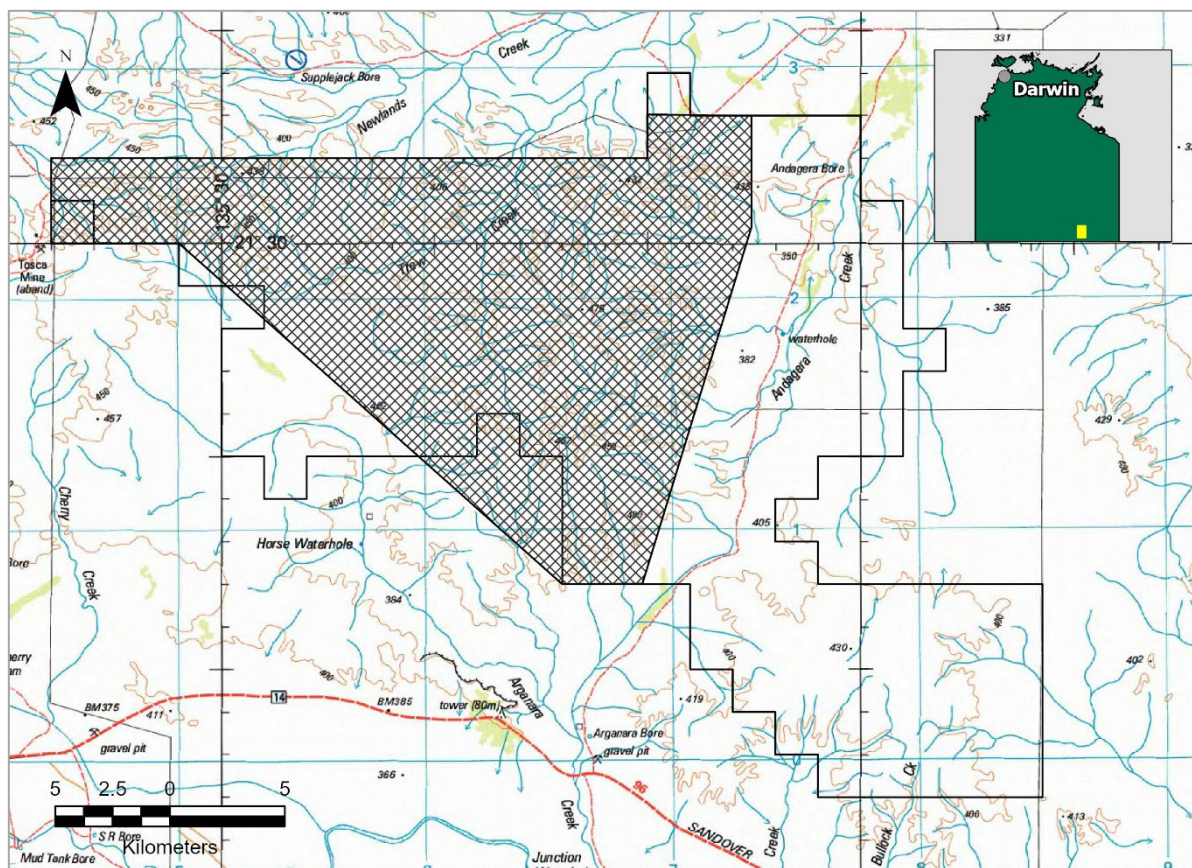
## Elkedra Project (EL33756)

The Elkedra Project occupies an area of 566sqkm in the Barkly region of the NT, approximately 295km from Alice Springs. The project area contains Cambrian Arthur Creek Formation siltstones and Andagera Formation quartz sandstones, which overlie early Proterozoic Hatches Creek Group rocks composed of sandstones, siltstones, and volcanic units.

These older rocks were intruded by the Elkedra granite (~1660 Ma), surrounded by a ~100m metamorphic aureole believed to be the source of anomalous uranium and thorium identified in historical geophysical surveys.

Over the period 5<sup>th</sup> May to 11<sup>th</sup> May, an airborne survey totalling 3,525 metres was flown at a height of 40m and line spacing of 100m over the northern half of EL33756. Results are currently being reviewed and interpreted and are expected in the next two months.

The Elkedra Project Tenement area and areas flown in the recent airborne geophysics campaign are shown in Figure 2.



**Figure 2. Completed Elkedra Airborne Survey area**

## Future Works

Following receipt of the modelled data, Greenvale intends to plan a follow-up field program, consisting of hand/held scintillometer ground geophysical surveying of airborne anomalies, mapping and geochemical surface sampling (soils and rock-chips). Greenvale intends to complete this work during the 2025 NT field campaign season/dry season.

**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 NT Uranium Projects wholly based on previously announced exploration works and extracted from ASX market announcements dated 28 August 2024, 19 November 2024, 20 November 2024 and 15 May 2025 reported in accordance with the 2012 JORC Code and available for viewing at [www.greenvaleenergy.com.au](http://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.