GREENVALE COMMENCES FIELD TESTING 21 URANIUM TARGETS AT THE HENBURY PROJECT, NT

Highlights

- **Field-based exploration underway at Greenvale's Henbury Uranium Project**, located south of Alice Springs in the Northern Territory,
- **Fieldwork will focus on 21 priority targets,** that form three distinct large, highly prospective areas identified from airborne and ground-based radiometric surveys completed in 2025.
- **Targets are based on multiple coincident anomalies** with overlapping geophysical, multi-spectral, geological and structural datasets.
- The current field program will focus on **geological mapping and systematic sampling** of the 21 identified targets.
- Henbury is situated in the highly prospective Amadeus Basin, which is already **known for hosting significant uranium deposits** such as the Angela Deposit.
- **Laboratory results expected in Q1 2027**, providing important information to guide the next phase of exploration at Henbury.

Greenvale Energy Limited **ASX:GRV** ("Greenvale" or "the Company") is pleased to advise that it has commenced a new phase of field exploration at its Henbury Uranium Project ("Henbury" or "the Project"), located south of Alice Springs in the Northern Territory.

The program represents the next step in Greenvale's systematic exploration strategy at Henbury, following extensive geophysical and geological programs completed in 2025 that identified 21 priority uranium targets across three large prospective areas within Exploration Licences (EL) 33637 and 33638.

Greenvale Managing Director, Alex Cheeseman said:

"Henbury is an exciting early-stage uranium exploration opportunity for Greenvale, and we are pleased to be back on the ground advancing the next phase of our exploration strategy. Our disciplined, systematic exploration approach has already identified 21 priority targets in a region that hosts significant uranium deposits.

"Importantly, our initial fieldwork delivered encouraging indications of uranium anomalism, strengthening our confidence in the geological potential of the Henbury Project and supports our exploration strategy.

"With our second field program now underway at Henbury, we are moving beyond target generation to actively testing these opportunities through careful, systematic ground-based sampling and analysis. This represents an important step towards unlocking Henbury's broader uranium potential and establishing another significant uranium exploration opportunity within Greenvale's growing NT portfolio."

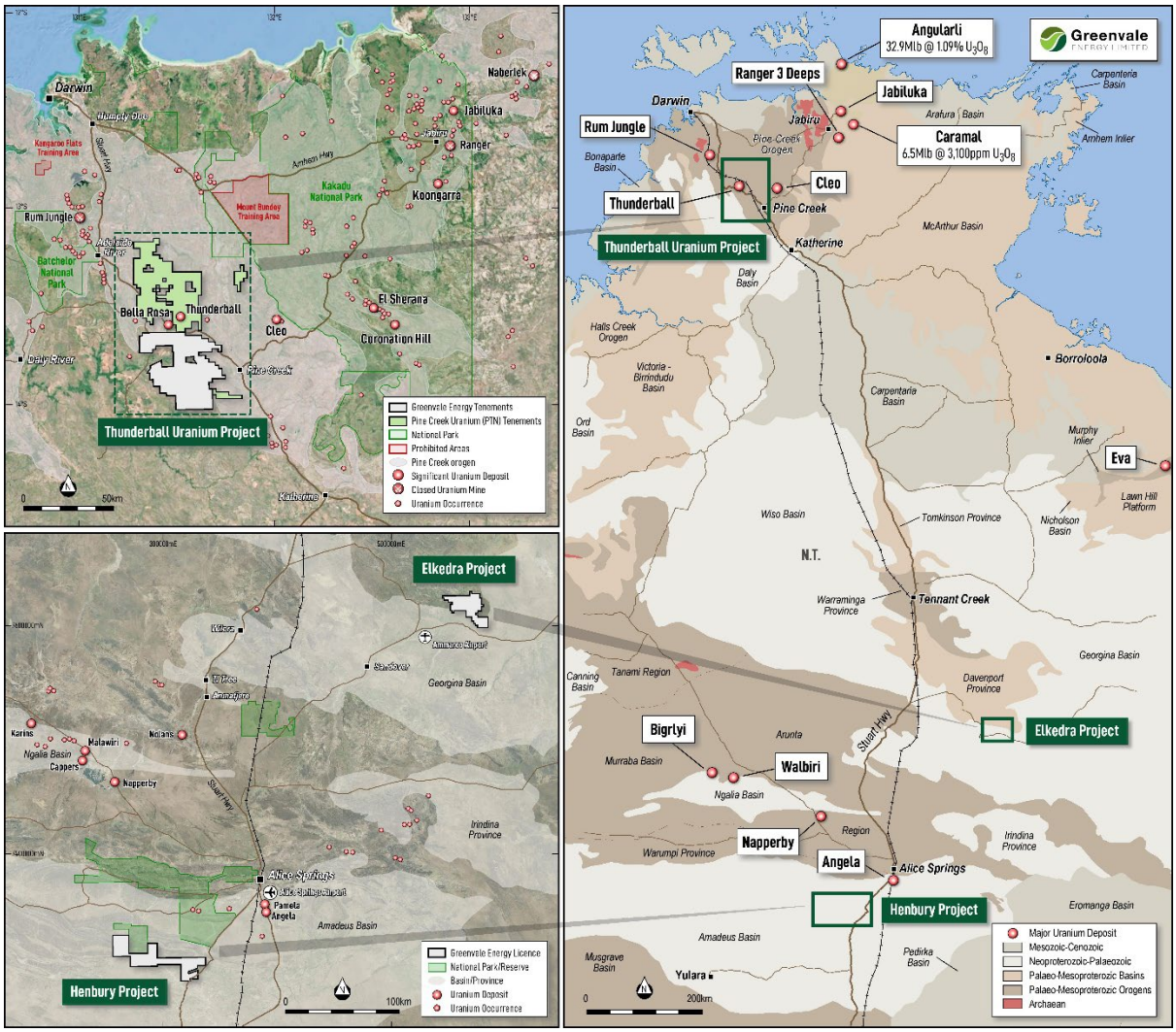


Figure 1 – Location map of Greenvale's NT-based uranium projects

After receiving the required approvals from local landowners at Henbury Station, Greenvale's field team has mobilised to the Project area, with fieldwork expected to take between 10-15 days to complete and subsequent data analytics and geochemical testing to continue through Q4 CY2026. Laboratory results are expected in Q1 2027. The field program will continue the investigation of anomalies and targets identified from previous geophysical surveys[1].

Target Development with Regional Precedence

The Henbury Uranium Project is situated within the Amadeus Basin of Central Australia. The basin is Neoproterozoic to Carboniferous in age (~850 to 350Ma) and is highly prospective for a variety of minerals, being best known for the Angela Uranium Deposit (a sandstone and potential unconformity-related uranium deposit which hosts a resource of 10.7Mt at an average grade of 1,310ppm U_3O_8 for a total contained metal content of 30.8Mlb[2]).

The basin also hosts significant hydrocarbon potential, containing the Palm Valley and Meerenie oil and gas fields. The presence of hydrocarbons in the immediate vicinity of Henbury is important given the known effect of hydrocarbons as a reductant for uranium, which has been linked to

[1] Refer to ASX Announcement *Extensive Airborne Magnetic/Radiometric Surveys Completed Over NT Uranium Projects* released 27 May 2025, and ASX Announcement released *Fieldwork Underway At Henbury Uranium Project* 1 September 2025

[2] Source – Elevate Uranium website

multiple economic uranium deposits around Australia including Beverley/Four Mile and Big Lake in South Australia.

Greenvale completed a comprehensive review of exploration data across the Henbury Uranium Project, combining high-resolution airborne surveys, satellite imagery and regional geological information. This work resulted in the identification of three large, prospective areas, which were then progressively refined through more detailed analysis.The review identified several encouraging geological features, including favourable rock formations, major geological structures and multiple overlapping indicators of potential uranium mineralisation. Importantly, these features share similarities with the geological settings associated with the Angela Uranium Deposit.

Initial field work at Henbury involved the completion of traverses across each of the target areas, along which ground-based radiometric surveys were completed using a handheld RS-125 "Super Spec" spectrometer. Radiometric anomalies were then analysed with a Vanta hand-held pXRF analyser. Radiometric uranium readings on the RS-125 returned values of up to 37ppm eU from outcropping sandstone at Target 1, against a background of 1 – 3ppm eU. Targets 2 and 3 returned maximum indicative uranium readings of up to 20ppm eU. Additionally, an E-W trending ridge of calcareous sandstones, siltstone and limestones was identified in the south-eastern corner of Target 3, returning radiometric readings of anomalous uranium (up to 20ppm eU). All ground geophysical survey data are provided as Appendix 1 and Appendix 2.

Cautionary Statement: *RS-125 and pXRF readings cited in this release are qualitative spot measurements and should not be considered equivalent to laboratory assay results. pXRF/RS-125 values are subject to variability due to sample heterogeneity, surface effects and instrument limitations. They are intended only as an indication of elemental presence and relative abundance and are not representative of bulk grade or mineralisation. Definitive results will be confirmed through sampling and independent laboratory chemical assay.*

Greenvale's systematic approach to developing targets successfully refined the three larger prospective areas into 21 priority targets, as shown in Figures 2 and 3.

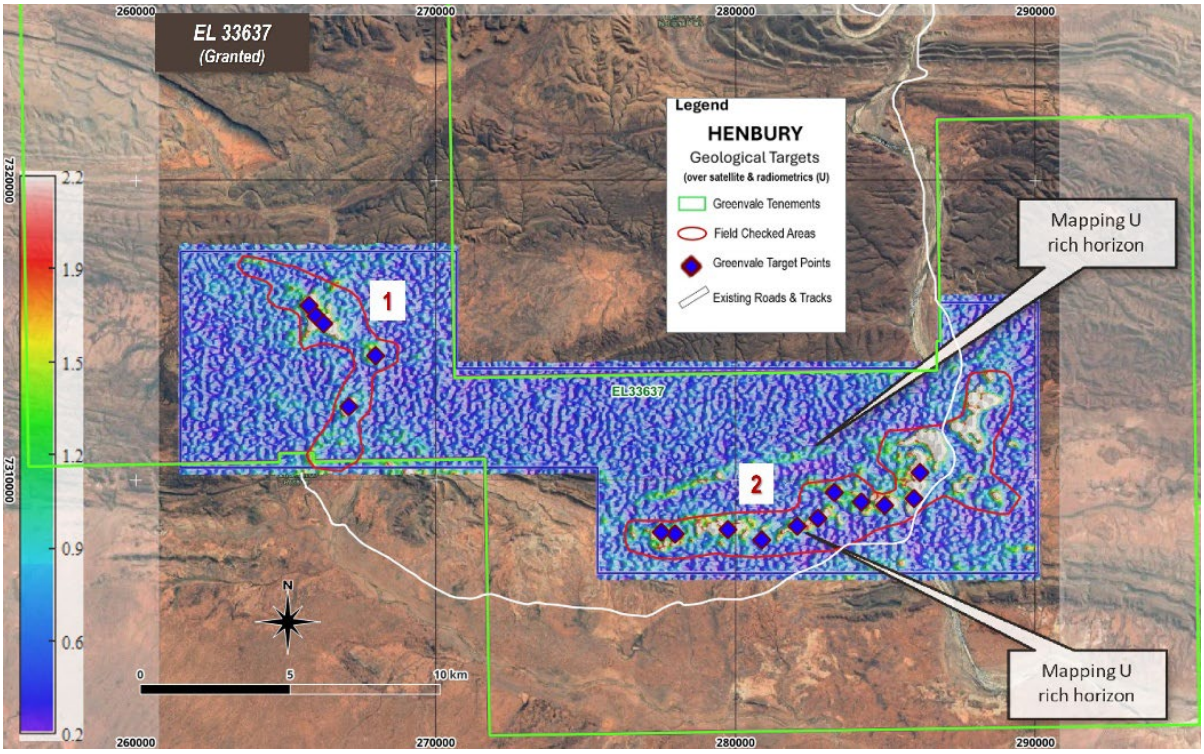


Figure 2 – Uranium Target Areas (1 and 2) and confirmed Target Points for field-based follow up in EL33637 'West Henbury'

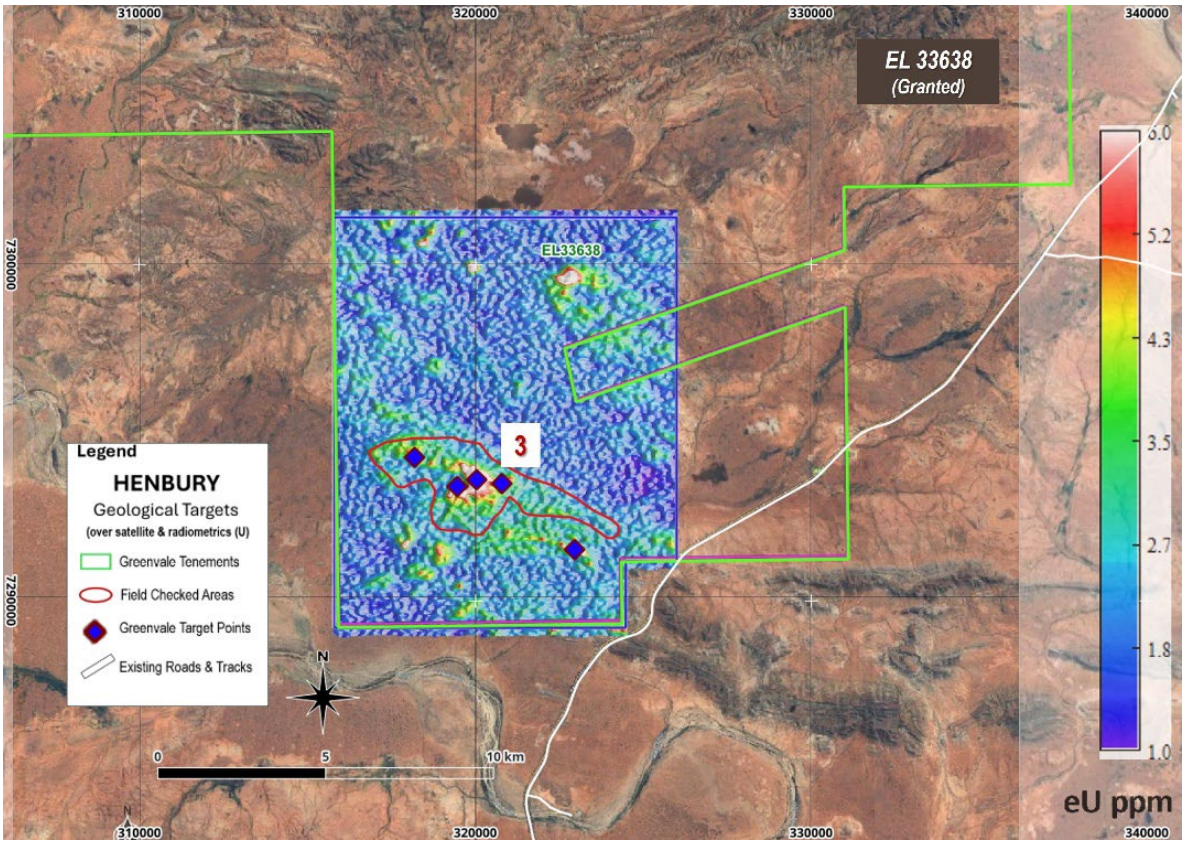


Figure 3 – Uranium Target Area (3) and confirmed Target Points for field-based follow up in EL33638 'East Henbury'

The identification of multiple targets supported by independent geological indicators strengthens the Company's confidence in the uranium potential of the Henbury Project and demonstrates the effectiveness of the Company's exploration approach, providing a strong foundation for continued exploration and potential future discoveries.

2026 November Field Program

In mid-November, Greenvale mobilised field teams to Henbury in order to complete the second phase of field-based exploration, including sample collection at the confirmed Target Points across the two EL's. Sampling is focused on areas of outcropping and exposed lithologies that returned indicative uranium readings greater than 10ppm eU – which are considered anomalous against natural uranium background values of 1-5ppm eU.

Fieldwork is expected to take 10 to 15 days to complete, subject to weather events and access conditions, given the inclement weather events that have affected Alice Springs and the broader Central Australian region since September 2026.

Following completion of the field work, samples will be submitted for independent analysis with laboratory results expected to be received in Q1 2027.

Planned Exploration at the Elkedra Uranium Project Delayed

The Elkedra Uranium Project is situated ~440km north-east of Alice Springs at the south-eastern end of the Davenport Ranges. Outcrop geology is dominated by undeformed Georgina Basin sediments – folded and faulted sediments and volcanics of the Palaeoproterozoic Hatches Creek Group (Nth). A review of open-file magnetics data suggested that the Hatches Creek Group extends beneath the Georgina Basin sediments. The Elkedra Granite is situated in the north-west of EL 33756 and is reported to have been emplaced between 1720-1640 Ma, which is a similar timeframe to other uranium-rich granites in the NT.

In 2025, Greenvale completed an airborne geophysical survey comprising 7,300-line kilometres of AMR over both Elkedra and the Douglas River Uranium Project[3]. Re-processing, review and interpretation of the resulting survey data was conducted independently, indicating that:

- the Elkedra Granite may be more laterally extensive than depicted on the geology map;
- there is a significant radiometric uranium anomaly extending over more than 8km of strike and located in a NW-SE orientation to the south-east of the Elkedra Granite (refer to Figure 4); and
- anomalism appears to be controlled by northeast-orientated lineaments which are potentially connected to the stratigraphic contact between the Andagera and Arthurs Creek Formations.

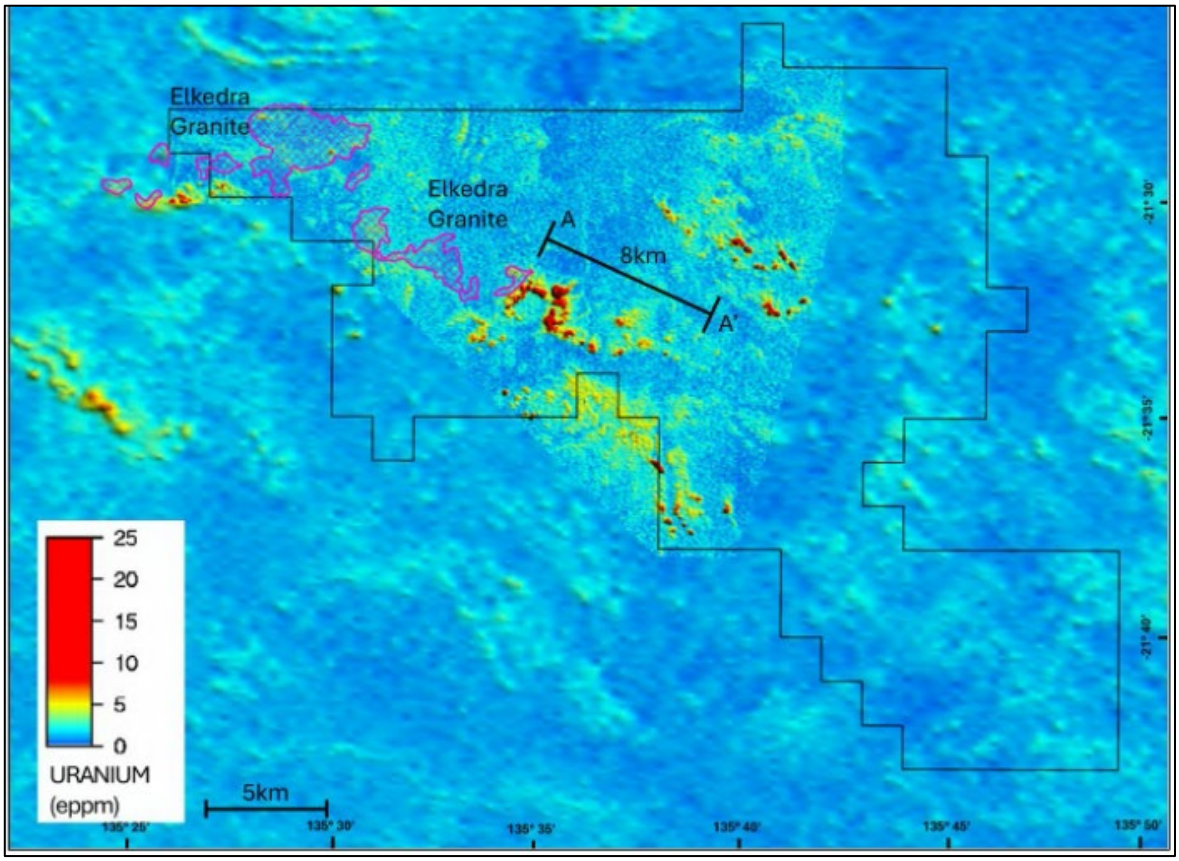


Figure 4 – Preliminary airborne radiometric survey results released in 2025, showing the ~8km long, NW-SE striking radiometric uranium anomaly associated with the Elkedra Granite.

The Greenvale field team had originally planned to mobilise to Elkedra to complete initial field-work this year, however the Central Australian region had already started to receive heavy rainfall with localised flooding around EL33765. Based on this situation, and correspondence with the respective station owners, Greenvale has postponed all field activities at Elkedra until the end of the wet season. Elkedra remains a highly prospective project and the Company intends to conduct its initial field assessments as a priority in 2027.

Next Steps

Samples collected from Henbury will be submitted for chemical assay at the end of the program, with results expected during Q1 2027.

[3] Refer to ASX Announcement *Significant Uranium Anomalies Identified Across Multiple Projects in the NT* released 17 June 2025

The Company anticipates that positive results will be followed up with more comprehensive and higher-resolution geophysics to better understand sub-surface structure and controlling systems for uranium deposition.

Beyond Henbury and Elkedra, other workstreams are continuing include collation of data and analysis of the recent SkyTEM survey completed over EL34157. Greenvale has also commissioned a historical assessment for EL34157 and EL33670.

All resulting data will be added to the Greenvale Exploration model and used to set the priorities and resource allocations for the 2027 field 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 uranium-focussed exploration company, committed to building a portfolio of projects that will support the need for clean energy and critical infrastructure. The Company is building a large land holding in the world-class Pine Creek region of the Northern Territory, and also owns the advanced, high-grade Oasis Uranium Project in Queensland. The Company has additional new-energy/forward facing projects including the strategically significant Alpha Project. Greenvale's projects are all aligned with the global need for reliable, sustainable, low-emissions energy and supply chains. 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.

Competent Persons Statement

The information in this announcement, as it relates to exploration results, interpretations and conclusions, is based on information reviewed by Ms Asha Rao who is General Manager – Exploration for Greenvale Energy Ltd and is a Member of both the Australasian Institute of Mining and Metallurgy (AusIMM, #228188) and the Australian Institute of Geoscientists (AIG, #6925). Ms Rao is a Consultant to the Company, and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration, and to the overseeing of activities being undertaken to qualify as a Competent Person (as defined in the JORC 2012 edition of the "Australasian Code for Reporting of Mineral Resources and Ore Reserves". Ms Rao consents to the inclusion of this information in the form and context in which it appears.

Appendix 1

RS-125 and portable (p) XRF Mapping Results from first-pass field program at the Henbury Uranium Project (EL33637 and EL33638).

Point	Target Area Name	Target ID	Tenement	Date	Max. RS-125 Assay Reading (Uppm)	Easting	Northing	Elevation	U2/Th Ratio	pXRF U (ppm)	pXRF Th (ppm)
1	Henbury West	1	EL33637	29/08/2025	2.5	265490.59	7315821.24	566.49	0.46		
2	Henbury West	1	EL33637	29/08/2025	3.6	265599.38	7315822.71	576.15	2.44		
3	Henbury West	1	EL33637	29/08/2025	3.2	265743.49	7315849.92	576.32	0.97		
4	Henbury West	1	EL33637	29/08/2025	3.1	265756.70	7315844.15	576.47	3.1		
5	Henbury West	1	EL33637	29/08/2025	3.5	265772.51	7315839.87	570.59	3.95		
6	Henbury West	1	EL33637	29/08/2025	4.6	265833.40	7315838.00	563.82	3.78		
7	Henbury West	1	EL33637	29/08/2025	3.1	265859.88	7315839.99	572.34	1.03		
8	Henbury West	1	EL33637	29/08/2025	10.7	265947.31	7315836.45	564.10	20.82		
9	Henbury West	1	EL33637	29/08/2025	8.1	266083.83	7315831.72	557.15	1.2		
10	Henbury West	1	EL33637	29/08/2025	3.7	266102.70	7315845.77	558.18	0.4		
11	Henbury West	1	EL33637	29/08/2025	4.3	266161.64	7315844.64	563.38	0.36		
12	Henbury West	1	EL33637	29/08/2025	8.3	267780.96	7313985.93	545.20	0.57	28	
13	Henbury West	1	EL33637	29/08/2025	8.4	267847.73	7313996.34	562.42	0.92		
14	Henbury West	1	EL33637	29/08/2025	5.3	267864.54	7313993.84	562.87	4.55		
15	Henbury West	1	EL33637	29/08/2025	2.1	268482.06	7313979.81	527.72	0.66		
16	Henbury West	1	EL33637	29/08/2025	3.1	268374.19	7313985.69	531.17	1.53		
17	Henbury West	1	EL33637	29/08/2025	5.1	267855.30	7313999.56	561.53	0.52		
18	Henbury West	1	EL33637	29/08/2025	2.8	267412.43	7315018.13	549.35	0.65		
19	Henbury West	1	EL33637	29/08/2025	10.4	265661.69	7315206.76	567.68	4.33		
20	Henbury West	1	EL33637	29/08/2025	8.4	265764.63	7315205.36	566.29	3.1		
21	Henbury West	1	EL33637	29/08/2025	6.1	265856.48	7315210.76	570.55	1.46		
22	Henbury West	1	EL33637	29/08/2025	37.4	265920.51	7315196.75	583.70	3.25	42	
23	Henbury West	1	EL33637	29/08/2025	3.9	265923.84	7315204.12	588.81	1.17		
24	Henbury West	1	EL33637	29/08/2025	9.3	265959.44	7315213.91	586.52	0.25		
25	Henbury West	1	EL33637	29/08/2025	2.8	266031.90	7315217.88	587.76	0.75		

Point	Target Area Name	Target ID	Tenement	Date	Max. RS-125 Assay Reading (Uppm)	Easting	Northing	Elevation	U2/Th Ratio	pXRF U (ppm)	pXRF Th (ppm)
26	Henbury West	1	EL33637	29/08/2025	19.6	266062.10	7315216.60	588.57	1.42	17	19
27	Henbury West	1	EL33637	29/08/2025	4.6	266089.45	7315215.28	587.99	2.02		
28	Henbury West	1	EL33637	29/08/2025	7.7	266115.65	7315215.82	586.52	5.02		
29	Henbury West	1	EL33637	29/08/2025	3.9	266127.54	7315215.58	586.22	1.17		
30	Henbury West	1	EL33637	29/08/2025	4	266144.92	7315215.20	585.24	1.13		
31	Henbury West	1	EL33637	29/08/2025	8.4	266160.68	7315220.23	587.12	7.59		
32	Henbury West	1	EL33637	29/08/2025	5.6	266266.82	7315245.91	588.14	2.41		
33	Henbury West	1	EL33637	29/08/2025	3.8	266364.40	7315224.70	590.93	2.09		
34	Henbury West	1	EL33637	29/08/2025	2.4	266385.18	7315226.93	588.75	1.03		
35	Henbury West	1	EL33637	29/08/2025	6.9	266460.75	7315227.73	586.52	1.7		
36	Henbury West	1	EL33637	29/08/2025	6.6	266519.54	7315217.29	562.28	1.23		
37	Henbury West	1	EL33637	30/08/2025	10.9	266968.66	7312289.63	551.01	2.38		
38	Henbury West	1	EL33637	30/08/2025	5.5	267067.38	7312289.71	538.13	0.71		
39	Henbury West	1	EL33637	30/08/2025	1.6	267110.22	7312284.98	533.90	0.22		
40	Henbury West	1	EL33637	30/08/2025	11.9	267125.87	7312284.35	531.66	47.2		
41	Henbury West	1	EL33637	30/08/2025	13.2	267146.98	7312285.59	530.28	58.08		
42	Henbury West	1	EL33637	30/08/2025	15.6	267166.53	7312288.90	529.40	25.22		
43	Henbury West	1	EL33637	30/08/2025	18.3	267267.91	7312287.91	525.96	196.99		
44	Henbury West	1	EL33637	30/08/2025	43.8	267375.47	7312293.89	523.81	151.13		
45	Henbury West	2	EL33637	31/08/2025	4.3	281987.08	7308574.06	543.60	0.71		
46	Henbury West	2	EL33637	31/08/2025	2.7	281987.68	7308574.40	542.35	0.82		
47	Henbury West	2	EL33637	31/08/2025	5.7	282006.50	7308532.48	540.32	0.82		
48	Henbury West	2	EL33637	31/08/2025	4.1	282019.91	7308505.65	536.70	1.4		
49	Henbury West	2	EL33637	31/08/2025	7.7	282040.59	7308461.98	533.49	98.82		
50	Henbury West	2	EL33637	31/08/2025	4.7	282057.09	7308412.49	520.54	1.05		
51	Henbury West	2	EL33637	31/08/2025	3.2	282060.93	7308400.81	516.04	0.97		
52	Henbury West	2	EL33637	31/08/2025	3.5	282098.02	7308319.83	503.97	0.74		
53	Henbury West	2	EL33637	31/08/2025	2.3	282138.32	7308227.94	499.71	0.64		

Point	Target Area Name	Target ID	Tenement	Date	Max. RS-125 Assay Reading (Uppm)	Easting	Northing	Elevation	U2/Th Ratio	pXRF U (ppm)	pXRF Th (ppm)
54	Henbury West	2	EL33637	31/08/2025	8.7	282120.25	7308168.72	497.43	9.46		
55	Henbury West	2	EL33637	31/08/2025	6.1	282123.58	7308170.21	496.22	1.42		
56	Henbury West	2	EL33637	31/08/2025	6.6	282177.88	7308138.03	496.33	1.79		
57	Henbury West	2	EL33637	31/08/2025	10.4	282217.07	7308046.12	494.27	8.32		
58	Henbury West	2	EL33637	31/08/2025	8.1	282251.23	7307858.51	493.88	17.42		
59	Henbury West	2	EL33637	31/08/2025	6.8	282259.46	7307832.05	492.95	8.41		
60	Henbury West	2	EL33637	31/08/2025	10.7	282267.65	7307794.51	492.92	4.61		
61	Henbury West	2	EL33637	31/08/2025	6.9	282640.59	7308898.69	507.02	1.3		
62	Henbury West	2	EL33637	31/08/2025	8.1	282638.18	7308897.33	508.70	1.6		
63	Henbury West	2	EL33637	31/08/2025	8	282653.08	7308865.54	503.65	6.1		
64	Henbury West	2	EL33637	31/08/2025	3.6	282664.00	7308849.08	502.44	1.39		
65	Henbury West	2	EL33637	31/08/2025	3.7	282685.98	7308812.75	501.24	0.75		
66	Henbury West	2	EL33637	31/08/2025	25.6	282727.67	7308722.98	515.17	8.93		
67	Henbury Central	2	EL33637	31/08/2025	4.8	282731.76	7308721.27	513.82	0	45	25
68	Henbury Central	2	EL33637	31/08/2025	58	282731.33	7308716.28	515.21	5	12	26
69	Henbury Central	2	EL33637	31/08/2025	8.4	282771.50	7308632.80	498.92	0.84		
70	Henbury Central	2	EL33637	31/08/2025	3.4	282761.30	7308622.45	499.08	1.7		
71	Henbury Central	2	EL33637	31/08/2025	4.1	282813.29	7308542.93	492.06	0.31		
72	Henbury Central	3	EL33638	1/09/2025	11.1	318241.62	7293825.51	467.62	9.86		
73	Henbury Central	3	EL33638	1/09/2025	11.8	318242.09	7293821.08	469.14	22.83		
74	Henbury Central	3	EL33638	1/09/2025	8.6	318256.07	7293798.55	470.65	13.45		
75	Henbury Central	3	EL33638	1/09/2025	5.4	318258.47	7293792.71	472.05	3.38		
76	Henbury Central	3	EL33638	1/09/2025	18.1	318270.07	7293797.96	472.76	17.41		
77	Henbury Central	3	EL33638	1/09/2025	27.8	318290.85	7293790.47	471.66	43.22		
78	Henbury Central	3	EL33638	1/09/2025	30.2	318226.66	7293923.46	462.57	57.63		
79	Henbury Central	3	EL33638	2/09/2025	3.6	318225.42	7293925.44	463.59	1.16		
80	Henbury Central	3	EL33638	2/09/2025	4.2	318209.47	7294006.54	456.04	1.11		
81	Henbury Central	3	EL33638	2/09/2025	2.9	318210.26	7294023.16	457.26	1.24		

Point	Target Area Name	Target ID	Tenement	Date	Max. RS-125 Assay Reading (Uppm)	Easting	Northing	Elevation	U2/Th Ratio	pXRF U (ppm)	pXRF Th (ppm)
82	Henbury Central	3	EL33638	2/09/2025	3.8	318210.57	7294007.22	455.98	1.24		
83	Henbury Central	3	EL33638	2/09/2025	4.7	318208.76	7294006.42	457.41	3.25		
84	Henbury Central	3	EL33638	2/09/2025	4	318199.80	7294086.95	453.90	2.54		
85	Henbury Central	3	EL33638	2/09/2025	10.3	318196.29	7294131.43	449.66	4.04		
86	Henbury Central	3	EL33638	2/09/2025	7.8	318210.68	7294116.33	454.80	3.83		
87	Henbury East	3	EL33638	2/09/2025	19.3	318209.70	7294113.55	452.87	0.12	6	42
88	Henbury East	3	EL33638	2/09/2025	5.6	318208.62	7294110.77	452.46	1.23		
89	Henbury East	3	EL33638	2/09/2025	11.7	318212.16	7294126.87	453.50	3.5		
90	Henbury East	3	EL33638	2/09/2025	22.9	318211.30	7294130.74	456.32	37.98		
91	Henbury East	3	EL33638	2/09/2025	27.9	318207.81	7294142.44	453.98	35.77		
92	Henbury East	3	EL33638	2/09/2025	24.9	318206.88	7294151.51	452.13	36.54		
93	Henbury East	3	EL33638	2/09/2025	11.3	318182.12	7294214.99	455.77	5.8		
94	Henbury East	3	EL33638	2/09/2025	20	318160.50	7294318.84	452.24	76.92		
95	Henbury East	3	EL33638	2/09/2025	8.7	318162.09	7294321.41	450.31	11.3		
96	Henbury East	3	EL33638	2/09/2025	11.3	318179.19	7294253.73	450.77	27.22		
97	Henbury East	3	EL33638	2/09/2025	11.3	318145.53	7294417.68	452.49	5.18		
98	Henbury East	3	EL33638	2/09/2025	14.1	318130.26	7294515.85	450.25	5.62		
99	Henbury East	3	EL33638	2/09/2025	24.4	318115.17	7294615.91	448.14	6.55		
100	Henbury East	3	EL33638	2/09/2025	2.1	318934.13	7292329.15	446.11	0.43		
101	Henbury East	3	EL33638	2/09/2025	3	320233.97	7294157.59	457.84	4.74		
102	Henbury East	3	EL33638	2/09/2025	2.6	320232.20	7294113.26	470.38	0.85		
103	Henbury East	3	EL33638	2/09/2025	3.5	320201.89	7293938.84	450.45	3.95		
104	Henbury East	3	EL33638	2/09/2025	4.9	320191.64	7293860.28	450.04	2.35		
105	Henbury East	3	EL33638	2/09/2025	7.7	320176.09	7293760.83	451.52	0.92		
106	Henbury East	3	EL33638	2/09/2025	3.6	320159.70	7293662.81	453.03	0.71		
107	Henbury East	3	EL33638	2/09/2025	2.9	320144.22	7293565.24	450.90	2.32		
108	Henbury East	3	EL33638	2/09/2025	2.5	320128.77	7293465.68	450.33	0.92		
109	Henbury East	3	EL33638	2/09/2025	10.7	320113.60	7293367.67	454.92	1.03		

Point	Target Area Name	Target ID	Tenement	Date	Max. RS-125 Assay Reading (Uppm)	Easting	Northing	Elevation	U2/Th Ratio	pXRF U (ppm)	pXRF Th (ppm)
110	Henbury East	3	EL33638	2/09/2025	5.1	320098.25	7293268.44	447.86	4.73		
111	Henbury East	3	EL33638	2/09/2025	6.1	320083.29	7293169.77	446.00	0.21		
112	Henbury East	3	EL33638	2/09/2025	17.4	320051.46	7292972.07	443.81	10.93		
113	Henbury East	3	EL33638	2/09/2025	9.3	320036.22	7292871.51	441.42	2.58		
114	Henbury East	3	EL33638	2/09/2025	10.5	320006.41	7292674.51	440.40	1.23		
115	Henbury East	3	EL33638	2/09/2025	19.9	319990.82	7292577.93	441.42	6.98		
116	Henbury East	3	EL33638	2/09/2025	17.4	319975.60	7292476.49	443.27	5.24		
117	Henbury East	3	EL33638	2/09/2025	9.1	319961.64	7292379.27	444.71	2.72		
118	Henbury East	3	EL33638	2/09/2025	6.4	319945.80	7292278.04	438.49	2.45		
119	Henbury East	3	EL33638	2/09/2025	17.7	319931.03	7292181.15	436.81	4.4		
120	Henbury East	3	EL33638	2/09/2025	9.7	319574.59	7294093.40	443.67	6.67		
121	Henbury East	3	EL33638	2/09/2025	7.9	319559.84	7293994.62	444.00	4.43		
122	Henbury East	3	EL33638	2/09/2025	6.6	319544.38	7293896.06	445.82	1.13		
123	Henbury East	3	EL33638	2/09/2025	9.7	319529.64	7293796.39	450.75	3.32		
124	Henbury East	3	EL33638	2/09/2025	10.1	319514.46	7293691.52	459.03	2.1		
125	Henbury East	3	EL33638	2/09/2025	10.8	319520.35	7293690.82	461.82	4.88		
126	Henbury East	3	EL33638	2/09/2025	9.8	319518.10	7293589.87	469.79	4.18		
127	Henbury East	3	EL33638	3/09/2025	20.6	319469.34	7293400.15	460.81	2.71		
128	Henbury East	3	EL33638	3/09/2025	1.8	319452.45	7293302.56	476.60	0.17		
129	Henbury East	3	EL33638	3/09/2025	8.5	319452.35	7293310.21	476.74	17.2		
130	Henbury East	3	EL33638	3/09/2025	8.3	319451.54	7293317.51	476.26	3.63		
131	Henbury East	3	EL33638	3/09/2025	9	319437.40	7293203.34	463.31	3.77		
132	Henbury East	3	EL33638	3/09/2025	8.9	319423.06	7293104.45	455.50	5.18		
133	Henbury East	3	EL33638	3/09/2025	13.4	319408.72	7293005.68	451.35	33.88		
134	Henbury East	3	EL33638	3/09/2025	10.8	319392.04	7292907.32	448.14	10.06		
135	Henbury East	3	EL33638	3/09/2025	12	319378.51	7292808.55	448.13	9.41		
136	Henbury East	3	EL33638	3/09/2025	14.5	319363.27	7292708.77	445.87	5.12		
137	Henbury East	3	EL33638	3/09/2025	9.5	320729.01	7293521.99	434.77	3.38		

Point	Target Area Name	Target ID	Tenement	Date	Max. RS-125 Assay Reading (Uppm)	Easting	Northing	Elevation	U2/Th Ratio	pXRF U (ppm)	pXRF Th (ppm)
138	Henbury East	3	EL33638	3/09/2025	6.4	320671.10	7293412.36	431.86	2.38		
139	Henbury East	3	EL33638	3/09/2025	14.2	320697.45	7293325.63	430.70	1.69		
140	Henbury East	3	EL33638	3/09/2025	20.8	320680.46	7293227.16	429.39	7.85		
141	Henbury East	3	EL33638	3/09/2025	21.6	320666.62	7293127.84	430.17	5.64		
142	Henbury East	3	EL33638	3/09/2025	23.2	320652.47	7293029.40	430.86	3.72		
143	Henbury East	3	EL33638	3/09/2025	24.9	320634.77	7292931.14	430.40	13.18		
144	Henbury East	3	EL33638	3/09/2025	21.5	320620.22	7292832.25	429.95	14.49		
145	Henbury East	3	EL33638	3/09/2025	18.1	320605.56	7292734.03	431.65	27.73		

Appendix 2
JORC Table 1 Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.*	No drilling is reported in this release. "Sentinel-2" refers to the Copernicus Sentinel-2 mission, run by the European Space Agency (ESA) which is based on a constellation of 2 identical satellites in the same orbit. Each satellite carries a wide range of high-resolution, multispectral imagers with 13 spectral bands that map element distribution on the Earth's surface using a combination of Visible Near-Infrared (VNIR) spectral analysis (at 10m spatial resolution) and Shortwave Infrared (SWIR) spectral analysis (at 20m spatial resolution). Greenvale Energy Ltd engaged the services of Dirt Exploration (based in South Africa) to acquire, process and interpret Sentinel-2 imagery over the Henbury Uranium Project in August 2025. The first reconnaissance and mapping program, as well as the current mapping program, both involve the collection of geophysical and physical samples. The geophysical assays are collected by use of an RS-125 "SuperSpec" spectrometer (RS-125) and a handheld (portable) XRF spectrometer (pXRF). The RS-125 is on hire from GeoResults, Perth, and calibrated for uranium, potassium and thorium – thorium welding rods are used to help stabilise the unit in the case of low counts. The pXRF used in the 2025 field program was a Vanta Delta portable XRF analyser, whereas the current field program is using an older Olympus Delta model, on hire from Portable Scientific, and recently serviced (which included a calibration). A secondary calibration is done daily on site using a set of pre-made calibration disks. Physical samples are being collected in the form of rock chips from areas of outcrop which are abundant throughout both Henbury tenements and form hard ridges of sandstone and limestone.
Drilling techniques	• *Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple*	No drilling is reported in this release.

Criteria	JORC Code explanation	Commentary
	or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).	
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	No drilling is reported in this release.
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	No drilling is reported in this release.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	No physical samples were collected in 2025. New samples being collected in the current field program (Nov 2026) will be submitted to Intertek Minerals for the following process: • Samples prepared with an initial drying, crushing to ~2mm and pulverising up to ~3kg of material, • All samples are to be analysed for the full 48-element package, using the 4-acid digest with Mass Spectrometry finish (4A/MSQ48).
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument*	The 2025 Airborne Magnetics and Radiometrics survey, completed over the Henbury and Elkedra Uranium Projects, was Magspec on a survey line spacing of 200m and a flight height of 40 m above ground surface. Further details of this survey have already been released in the 17 June 2025 ASX announcement (Significant Uranium

Criteria	JORC Code explanation	Commentary
	make and model, reading times, calibrations factors applied and their derivation, etc. • *Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.*	Anomalies Identified Across Multiple Projects in the NT).
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	No drilling samples are reported in this release.
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	All grids shown on maps are in MGA (GDA) 2020, zone 53.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	No drilling is reported in this release.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	All reported traverses from the 2025 first-pass ground surveying were completed on an East-West orientation, which which would be optimal for targeting features of variable orientation. .
Sample security	• *The measures taken to ensure sample security.*	No samples are reported in this document.

Criteria	JORC Code explanation	Commentary
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	Sampling techniques are planned specific to the stage of exploration, but are reviewed prior to the next field season.

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	EL33637 and EL33638 were granted to Gempart (NT) Pty Ltd in April 2024. In August 2024, Greenvale has the exclusive right to earn an 80% interest in the projects via completing work and project development activities. The current 5-year term expires on 14th April 2030.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	Previous exploration summary reported in ASX releases dated 27th May 2025, 17th June 2025 and 1st September 2025.
Geology	• *Deposit type, geological setting and style of mineralisation.*	Style of uranium mineralization is currently unknown, as physical samples are yet to be collected from the Henbury tenements. However, the geological setting of the Project is highly favourable for shallow, sediment-hosted, palaeochannel-style uranium, strongly influenced by structural elements, such as faults and folds, and exposure to potential hydrocarbon seepage from nearby sources such as the Meerenie Oilfields.

Criteria	JORC Code explanation	Commentary

Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:*
	  ○ *easting and northing of the drill hole collar*
	  ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar*
	  ○ *dip and azimuth of the hole*
	  ○ *down hole length and interception depth*
	  ○ *hole length.*
	• *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*
		No drilling is reported in this release.

Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	No drilling is reported in this release.
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').*	No drilling is reported in this release.
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	All appropriate diagrams are contained in the report.

Criteria	JORC Code explanation	Commentary
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	This release describes all relevant information available to the Company.
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	All available exploration data derived from Company work programs has been provided.
Further work	• *The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	The Company has commenced a physical sampling program to follow up on ground radiometrics and portable XRF results collected in the 2025 field season. Greenvale will complete this program, submit the samples collected for chemical assay and review the results alongside desktop-based mineral prospectivity reviews.