ASX Announcement

Released 13 October 2025



Infini Expands Strategic Footprint at Portland Creek by 68%

Strategic expansion of Portland Creek Project area by 10,250 hectares through staking applications of 410 additional mineral claims, increasing Infini's total landholding in Newfoundland to over 25,000 hectares.

All four newly staked areas are contiguous to Infini's existing mineral claims where the Company is targeting the discovery of new economic uranium deposits.

Expansion consolidates Infini's dominant footprint across one of Canada's most prospective emerging uranium districts, securing possible extensions of eastwest trending mineralised structures confirmed in recent drilling.

Recent Phase 2 drilling returned widespread elevated uranium (U) readings across multiple zones based on spot pXRF¹, with visible uraninite along joint surfaces in PCDD25-012 at 270.0m and at 289.0m, recording 1.2% and 1.17% U (pXRF¹), respectively, within intensely altered granites.

High-grade molybdenum intersected up to 2.38% Mo (pXRF¹) within a 4 m albatised granite interval in PCDD25-009A indicative of a fertile polymetallic hydrothermal system.

Phase 2 drilling is ongoing with plans underway to expand the minimum 2,500m program to efficiently and effectively test high priority U targets. First assay results from the Phase 2 drilling program expected in Q4 CY2025.

Infini Resources Ltd (ASX: I88, "Infini" or the "Company") is pleased to announce that it has expanded its strategic landholding around the Portland Creek Uranium Project, Newfoundland, Canada, through staking applications of 410 additional mineral claims totalling 10,250 hectares.

The new claims were staked to expand and secure possible extensions of mineralised structures and prospective host lithologies identified during recent exploration.

Collectively, the staking increases Infini's landholding in Newfoundland to over 25,000 hectares, further strengthening Infini's interests in the Portland Creek region and positioning the Company for future growth opportunities in light of recent exploration activities to demonstrate the scale and fertility of a potential district-scale polymetallic uranium and critical minerals system.

Infini's Chief Executive Officer, Rohan Bone, said: "This is a strategic expansion for Infini at a pivotal time. Following the breakthrough of visible uraninite and high-grade molybdenum at Portland Creek, it was essential that we consolidate our position across this highly prospective district. These new tenements strengthen our geological footprint, secure potential extensions of known structures, and

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¹ Refer announcement 9 October 2025. Cautionary Statement: Portable XRF (pXRF) readings cited in this release are qualitative spot measurements and should not be considered equivalent to laboratory assay results. pXRF 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 laboratory assays.



provide the foundation for long-term exploration and development. We're building scale and optionality in one of the most supportive jurisdictions for uranium exploration globally."

Next steps

Integration will be undertaken of all available geological, airborne geophysical and remote sensing datasets across the newly staked tenements in order to define priority target areas. This work will complement the ongoing Phase 2 drilling program, which continues to target widespread uranium and polymetallic mineralisation at the Falls Lake Prospect.

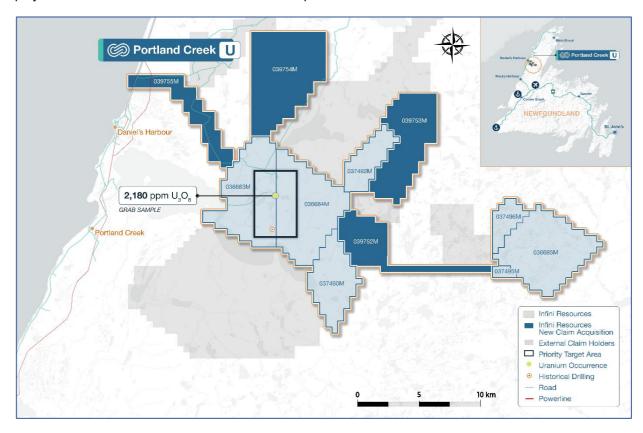


Figure 1: Infini's footprint at the Portland Creek Uranium Project strategically increased by 10,250 hectares covering potential extensions of known structures and prospective host lithologies.

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Cautionary Statement

The Company has defined the mineralisation in the field by using hand held pXRF technology to analyse drill samples in real time. This allows for immediate on-site decisions to be made to adjust drilling strategies.

While pXRF readings provide a useful indication of elemental content and approximate grades, they are not a substitute for laboratory-derived assay grades. All drill intercepts will be sent to an independent laboratory for accurate analysis, with assay results expected in the current quarter. Laboratory assays will be provided when these become available.

Limitations of the pXRF technique include; very small analysis window, possible inhomogeneous distribution of mineralisation, analytical penetration depth and from the impact of irregular rock surfaces. Results are not considered to be entirely representative of the rock samples, as the analyses were made of what were interpreted to be areas on drill samples with potential to be uranium. The analyses were carried out on drill core specimens and not ground powders. The pXRF performance is checked periodically against certified reference material. The samples that are the subject of this report will be submitted for laboratory assay and some variation from the results presented herein should be expected. Caution should be exercised until the official assay laboratory results have been received.

While these preliminary results provide evidence of mineralisation, the Company notes that assay confirmation remains pending and further exploration is required to determine the continuity and thickness of mineralised zones, which will be critical in defining the economic potential of the mineralisation.

References

- 1. ASX Release, Infini Resources, *Phase 2 Drilling at Portland Creek Set to Unlock High-Grade Uranium Targets*, 28th July 2025.
- 2. ASX Release, Infini Resources, Extensive Downhole Uranium Intersected at Portland Creek, 9th October 2025.

[END]

Release authorised by the Board of Infini Resources Ltd.

Contacts

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About Portland Creek Uranium Project

The Portland Creek Uranium Project spans 251 km² and lies within the Precambrian Long-Range Complex of the Humber Tectonic-Stratigraphic Zone. The geology consists of metaquartzite and a suite of paragneisses, intruded by leucocratic granite, which are believed to have been thrust westward over Paleozoic carbonate-dominant sediments.

The project area covers a large regional uranium anomaly, first identified in the 1970's through a Newfoundland government lake sediment sampling program. Originally, one uranium showing was recorded in the Newfoundland Mineral Deposit Index, reporting 2,180 ppm U_3O_8 . A compilation of historic and recent exploration data has since delineated a 6 km zone of anomalous uranium and radon gas in lake sediments, soils and in an airborne radiometric survey. This anomaly closely follows a prominent fault scarp, marking the edge of a granitic plateau interpreted as a deep-seated fault.

Since listing, the Company has verified historical uranium anomalies and completed a soil sampling grid over the Falls Lake Prospect (formerly the Talus Prospect). This work defined a \sim 800 m x 100 m high-grade uranium anomaly, with a peak result of 74,997 ppm U_3O_8 . This anomaly is located down-ice and west of a 1.5 km radiometric anomaly. Additionally, Infini has identified a southern 500 m-wide cluster of high-grade soil samples, which includes a peak of 1,500 ppm U_3O_8 and lies 1.5 km from the recently completed Phase 1 drill program.

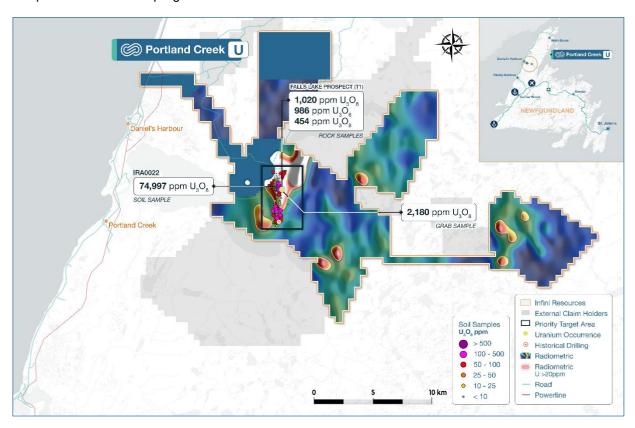


Figure 2: Overview of prospective exploration areas at Portland Creek, demonstrating the occurrence of soil sampling grades up to 74,997 ppm U_3O_6 , anomalous radiometric data and Infini's package of tenements.



About Infini Resources Ltd (ASX: I88)

Infini Resources Ltd is an Australian energy metals company focused on mineral exploration in Canada and Western Australia for uranium and lithium. The company has a diversified and highly prospective portfolio of assets that includes greenfield and more advanced brownfield projects. The company's mission is to increase shareholder wealth through exploration growth and mine development.

JORC 2012 Mineral Resource Deposit	JORC 2012 Classification	Tonnes and Grade
Des Herbiers (U)	Inferred Combined Resource	162 Mt @ 123ppm U ₃ O ₈ (43.95mlb)



Figure 3: Overview of Infini's portfolio of projects and global footprint.

Competent Person & Compliance Statement

The information in this report that relates to exploration results for the Portland Creek Project is based on, and fairly represents, information and supporting documentation compiled and evaluated by Mark Couzens, Principal Geologist for the Company who is a Member of the AusIMM. Mr. Couzens has sufficient experience relevant to the style of mineralisation, type of deposit under consideration, and the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the Australian Code for Reporting of Exploration Results, Mineral Resources, and Ore Reserves (JORC Code). Mr. Couzens consents to the inclusion of the information in the form and context in which it appears. The information in the market announcement is an accurate representation of the available data and studies for the Portland Creek Project.

This announcement contains information on the Portland Creek Project extracted from ASX market announcements dated 10 January 2024, 15 January 2024, 29 January 2024, 19 February 2024, 28 May 2024, 1 July 2024, 10 July 2024, 22 July 2024, 14 October 2024, 23 December 2024, 26 March 2025, 4 July 2025, 14 July 2025, 28 July 2025, 30 July 2025, 3 September 2025, 11 September 2025 and 9 October 2025 reported in accordance with the 2012 edition of the "Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (JORC Code). The original market announcements are available to view on www.infiniresources.com.au and www.asx.com.au. The Company is not aware of any new information or data that materially affects the information included in the original market announcement.

This report contains information regarding the Des Herbiers Mineral Resources Estimate extracted from the Company's Prospectus dated 30 November 2023 and released to the ASX market announcements platform on 10 January 2024, reported in accordance with the 2012 edition of the "Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (JORC Code). The Company confirms that it is not aware of any new information or data that materially affects the information included in any original announcement and that all material assumptions and technical parameters underpinning the estimates in the original market announcement continue to apply and have not materially changed. The original market announcements are available to view on www.infiniresources.com.au and www.asx.com.au.

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. Infini Resources Limited 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 Infini Resources Limited or 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



Appendix 1: Overview of Infini's footprint at the Portland Creek Uranium Project

Table 1: Overview of the Infini's tenements staked at the Portland Creek Uranium Project.

Licence ID	Issue Date	# Claims	Hectares
036683M	27-Oct-2023	138	3,450
036684M	27-Oct-2023	150	3,750
037490M	14-Mar-2024	81	2,025
037492M	14-Mar-2024	49	1,225
036685M	3-Nov-2023	144	3,600
037495M	14-Mar-2024	7	175
037496M	14-Mar-2024	29	725
039752M	In progress	76	1,900
039753M	In progress	114	2,850
039754M	In progress	160	4,000
039755M	In progress	60	1500
Total		1,008	25,200



JORC Code, 2012 Edition - 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 (eg 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. 	 Details of Infini's soil sampling and historic lake sediment sampling have been reported previously (ASX 1st July 2024 & 10th July 2024). Details of Infini's sampling of drill core during the Phase 2 drilling program have been reported previously (ASX 9th October 2025). Drill core was tested using a RS-125 scintillometer over each tray of core to get a representative value for the amount of radiation it contains. Random high scintillometer values were then tested using a portable XL3t gold+ XRF device set on Test All Geo mode (60 second duration) to confirm the tenor of any uranium mineralisation detected and to confirm that it is in fact uranium and not other radioactive elements such as thorium. When high values for uranium were obtained two further XRF checks were done in this general area to confirm the grades detected and an average was recorded. Not all high uranium values have been recorded with the highest value for a given core tray was often used as a representative number. Core was also analysed using a portable XRF (pXRF) at every meter marker. Where spot mineralisation exceeds 200 ppm the core is tested at 25 cm spacing in the preceding and following meter of core.

Infini Resources Limited



Criteria	JORC Code explanation	Commentary
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 or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.). 	 Details of Infini's drilling have been reported previously (ASX 28th July 2025, 30th July 2025, 3rd September 2025 & 9th October 2025). Drilling is undertaken by one heli-transportable diamond drill rig. The core is NG gauge on a single 10m core tube. The core is oriented with a ACT III RD tool.
Drill sample recovery Logging	 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. Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support 	 Core recovery is based on depths assigned by the drillers and measurement of core for that interval by Infini's contractors and recorded in a spreadsheet. Recovery is generally better than 95%, so no special measures are required. In areas with lower recovery, core loss was assigned to the intervals with broken and faulted core. No relationship between sample recovery and grade was established. Core is being visually logged, which is qualitative in nature. All core is photographed and the imagery imported into an
	 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. 	online database (Imago) Each hole is logged in its entirety
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. 	 Core samples are cut in half with a core splitter. Each sample interval consists of one half of the cut NQ drill core. Each sample is bagged with a numbered tag. Prep-31 is completed on each sample: PUL-QC Pulverizing QC Test CRU-31 Fine crushing – 70% <2mm

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Criteria	JORC Code explanation	Commentary
	 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. 	 3. SPL-21 Split sample – riffle splitter 4. PUL-31 Pulverize up to 250g 85% <75 μm Analysis is completed using ME-MS61L, with selective ME-MS61L for Pb isotopes. ALS Global was the lab selected for analytical work.
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 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. 	 At the start of each day the pXRF is calibration checked and both a silica blank (blank) and uranium certified reference material analysed (CRM). Blanks and CRMs are inserted every 30 samples, and a calibration check is completed. Blanks and certified reference materials are inserted every 30 samples, respectively. QAQC samples are reviewed for contamination or failure, defined as 3x SDV of the reference material with is ISO certified. Samples of core from the drilling program are submitted to ALS Global for trace element assays, in line with ALS Global's QA/QC processes.
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. 	 Verification of encountered intersections is conducted by Infini Resources' Exploration Manager. Data collected is completed using a logging program MX Deposit. Logs are uploaded each evening and stored on a cloud server. Internal data checks and quality control are built into the logging software to ensure no gaps or incorrect coding was used. pXRF measurements are taken to indicate any uranium mineralisation from a spot sample as an indicator only with core assays confirming the true amount of any uranium mineralisation.



Criteria	JORC Code explanation	Commentary
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 drillhole and sample co-ordinates relate to NAD83 UTM Zone 21N. Collar and soil sample locations are surveyed using handheld GPS. LIDAR data flown by Infini are used to establish collar RL
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. 	 Soil sample spacing is considered appropriate at this stage of exploration Drillhole collar spacing is designed to intersect the source of anomalous uranium in soil and not determine a resource estimate. Not applicable as no Mineral Resource and Ore Reserves are reported. No sample compositing has been applied.
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. 	 Drilling has been oriented perpendicular to the interpreted geological structures inferred from UAV magnetics. Relationship between drilling orientation and mineralised structures is currently unknown.
Sample security	The measures taken to ensure sample security.	 NQ drill core Is transported by helicopter from the drill site to the core logging facility. All drill core is logged, photographed and the altered intervals are tagged for sampling. The core is then split. Groups of samples are sealed in large bags with lab security tags attached to maintain a chain of custody. Samples are stored in a locked facility and shipped using a bonded courier. All sample preparation and analysis will be performed by ALS Laboratories in Vancouver, BC.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	None carried out to date.



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. 	 The Falls Lake prospect is located on 036683M and 036684M. The Portland Creek uranium project comprises eleven mineral claims (036683M, 036684M, 036685M, 037492M, 037490M, 037496M. 037495M, 039752M, 039753M, 039754M & 039755M). The company staked the project in 2023/24 and in 2025 (100% ownership) and is not aware of any royalties existing on the claims or impediments to obtaining a license to operate in the area. The claims are currently live and in good standing.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	 Exploration between 1976 and 1980 was carried out by the Conwest Canadian Uranium Exploration JV. Work included radon gas (Track Etch) sampling, a ground scintillometer survey, and VLF-EM and ground magnetic surveys. Follow-up drilling using a portable "Pionjar" drill capable of drilling to 8 m depth identified a small, high grade uranium anomaly (so-called "loam deposit"). Only very sparse details survive on this drilling program with no assay results or location data. Five diamond holes were drilled. Partial results have been found for only one of these, which reported unmineralised granite. Subsequent exploration in 2007 included an airborne IMPULSE EM, magnetic and radiometric survey flown on behalf of Ucore Uranium Inc. and collection of 8 rock samples. The property was abandoned shortly after.
Geology	Deposit type, geological setting and style of mineralisation.	The target uranium deposit type is likely to be shear-zone hosted (albitite-type) hosted in altered granite.



Criteria	JORC Code explanation			(Commenta	ry		
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. 	•	JV are ur are public and Labr report IDs All drill ho been repo	nknown. T cly availab rador's G s: 012I/03/ le collar lo orted in thi nt data ha	he limited late in the GeoScience 0125 and Necations and	historica overnme OnLine IFLD/30 d minera all holes	l explora ent of No system 82. lised into s comple	the Conwest ation records ewfoundland n under the ercepts have eted to date. report.
	 If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does 	Hole	UTM East	UTM North	UTM Elevation (m)	Azi- muth	Dip	Length (m)
	not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	PCDD 25-007	470752	5559564	131	160	-45	130
		PCDD 25-008	470730	5559405	128	320	-45	200
		PCDD 25- 009A	470740	5559787	132	184	-45	317
		PCDD 25-010	470290	5557910	123	170	-45	263
		PCDD 25- 011A	470290	5557910	123	170	-65	161
		PCDD 25-012	470459	5557965	123	170	-45	350
Data aggregation methods	 In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated. 		No aggre not yet re	_	thods have	been us	sed as a	ssay data



Criteria	JORC Code explanation	Commentary
	 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. 	
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 (eg 'down hole length, true width not known'). 	 Only downhole lengths are reported. Insufficient intersections have been made thus far to establish a relationship between mineralisation widths and intercept lengths. Geometry of target mineralisation has not been verified.
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. 	Appropriate diagrams are included in the main body of this report. No significant discovery is being reported.
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.	Reporting of all geochemical results is considered balanced with results of both low and high analytes reported.
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. 	No meaningful and material exploration data has been excluded from this report.



Criteria	JORC Code explanation	Commentary
Further work	 The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale stepout 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. 	 Drilling will continue at Target 2, with future holes aimed at increasing the strike length of the elevated uranium zone, testing different orientations as well as stepping down-dip to test the continuity of uranium bearing zones at depth. Holes have also been planned to test other E-W interpreted structures as well as more of the 12 soil sampling target zones.
		 Planned hole locations have been provided in the ASX announcement dated 28th July 2025.

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