

## Fieldwork Commences at Yeelirrie North Uranium Project

Exploration activities including geological mapping and surface sampling is now underway

### Highlights

Exploration accelerated with field crews on site within two weeks of major project expansion at Yeelirrie North

Two geological teams have commenced mapping and sampling of 24 identified radiometric anomalies

The multiple geophysical targets are highly comparable to Cameco Corporation's (NYSE: CCJ) north-south trending anomalism located only 5km to the east within existing mining claims MC 53/3834-3839

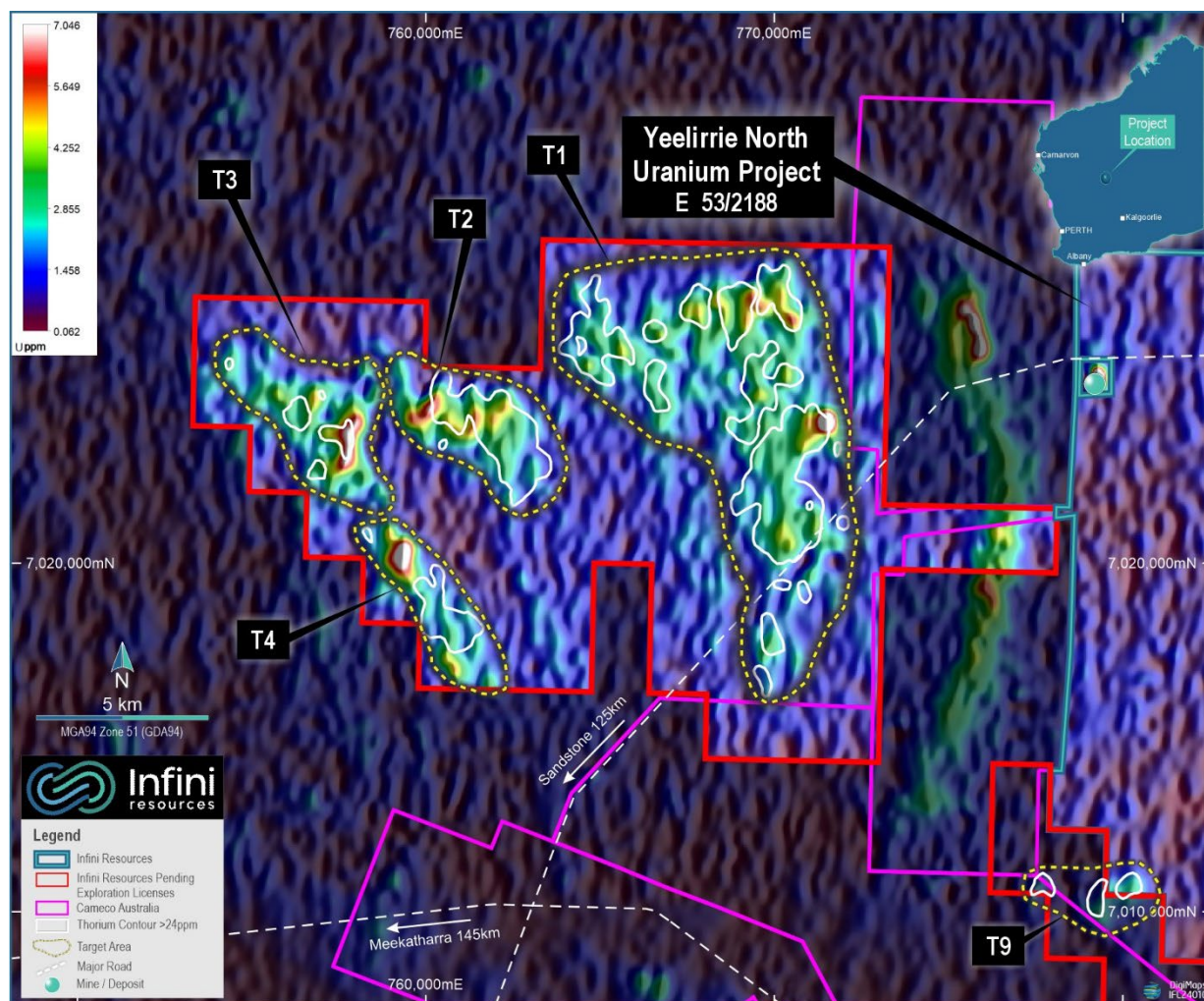
Outcropping uranium mineralisation is being targeted in the field using hand-held spectrometers which detect U (ppm), Th (ppm) and K (%) in real time

Initial mapping and sampling results expected over the following weeks

**Infini Resources Ltd** (ASX: I88, "Infini" or the "Company") is pleased to announce the commencement of field work at its 100% owned Yeelirrie North uranium project, located in Western Australia. The mobilisation of field crews to site follows the staking of additional licenses which aggressively expanded the project footprint by 368% (refer to ASX announcement 8 April 2024).

**Infini CEO Charles Armstrong said:** *"The Yeelirrie North Project represents an exceptional opportunity for the Company to potentially discover new uranium deposits in an already proven tier-1 camp. Cameco's world class Yeelirrie and satellite uranium deposits are located directly adjacent to our project with our newly staked licenses applications all contiguous with Cameco's."*

*The highly prospective and newly defined target areas show strikingly similar radiometric U values to the eastern mining leases owned by Cameco. This is very exciting as it indicates that we may be able to vector in on our own potential uranium deposits by discovering their surface expressions through geological mapping and sampling which is now currently underway. The fact that we have both very similar radiometric anomalism and protolith to the surrounding deposits is highly encouraging!"*



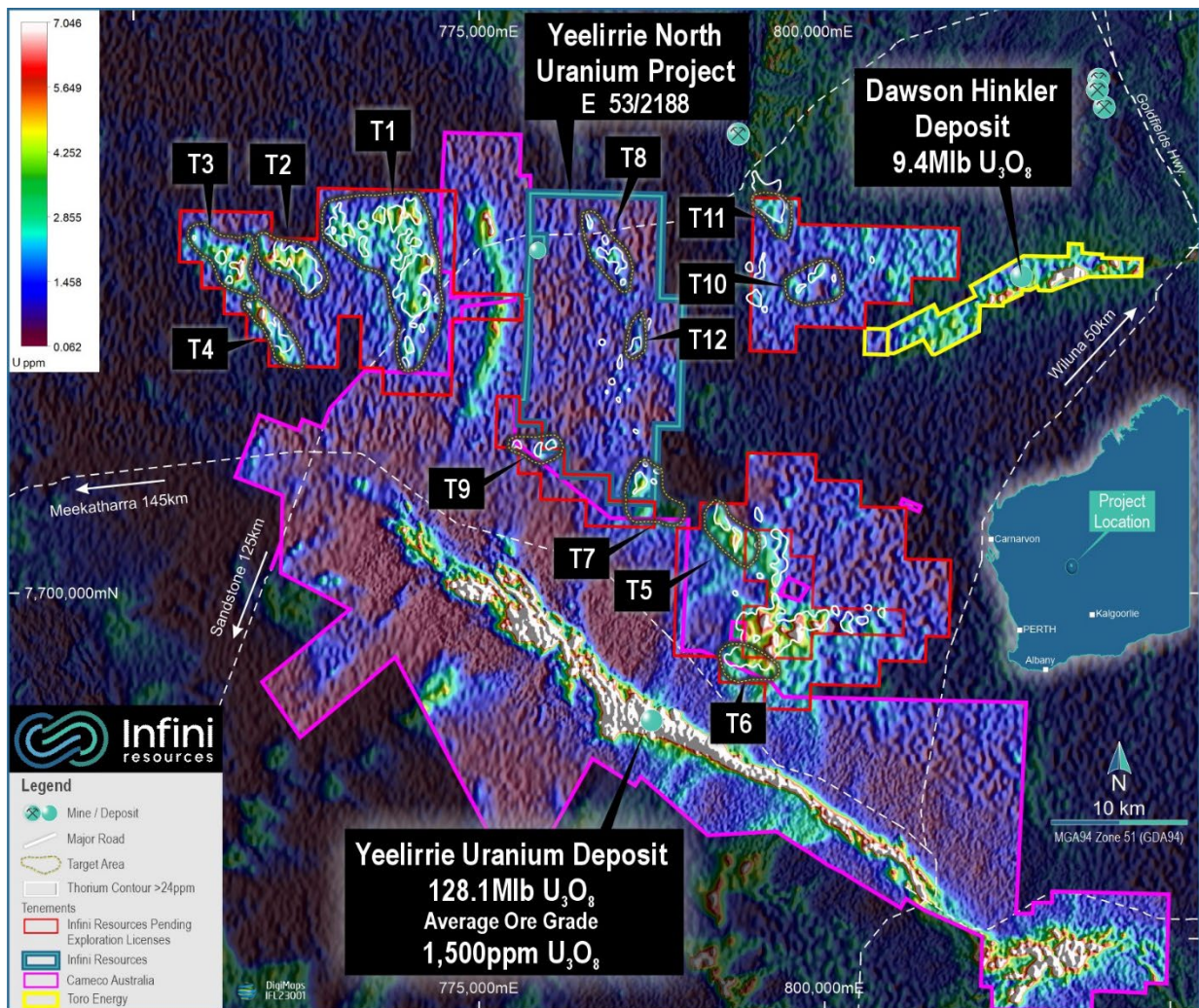
**Figure 1** Location of the T1-T4 target areas comprising an impressive 24 geophysical anomalies which are currently being mapped and sampled. The map shows the targeting rationale with U radiometric imagery overlain with Th contours in white.



Figure 2 Field photograph depicting one of the priority target areas.

**About Yeelirrie North Uranium Project**

The Yeelirrie North Project currently consists of exploration license E53/2188, covering an area of 70 Blocks (~207km<sup>2</sup>), located approximately 70km southwest of Wiluna, Western Australia. If granted, the new exploration license applications will see the Company’s Project size increase by an additional ~554km<sup>2</sup>, to a total area of ~761km<sup>2</sup>. The Yeelirrie Project is located near the northern extremity of the Archaean Norseman Wiluna greenstone belt of the Yilgarn Craton, Western Australia. The project is highly prospective high-grade uranium mineralised calcrete and lies within the same geological domain as the world class Yeelirrie uranium deposit hosting 128.1Mlb U<sub>3</sub>O<sub>8</sub> at an average ore grade of 1500 ppm U<sub>3</sub>O<sub>8</sub><sup>1</sup>. The Yeelirrie deposit is one of only four uranium mines permitted by the Western Australian government prior to the state’s 2017 ban on new uranium mining<sup>2</sup>.



**Figure 3 Location of the newly staked exploration licenses applications (highlighted red) at the world-class Yeelirrie uranium camp showing the geological rationale with extensive and coincidental uranium-thorium anomalism identified in regional radiometrics.**

**References**

- 1 Cameco Reserves and Resources, National Instrument 43-101 Compliant, as of 31 December 2023 (100% basis) Sourced from: [https://www.cameco.com/businesses/uranium-projects/yeelirrie/reserves-resources#measured\\_and\\_indicated](https://www.cameco.com/businesses/uranium-projects/yeelirrie/reserves-resources#measured_and_indicated) Uranium mining in Western Australia.
- 2 Uranium mining in Western Australia. Current Projects. Sourced from: <https://www.dmp.wa.gov.au/Uranium-1459.aspx>

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Release authorised by the Board of Infini Resources Ltd.

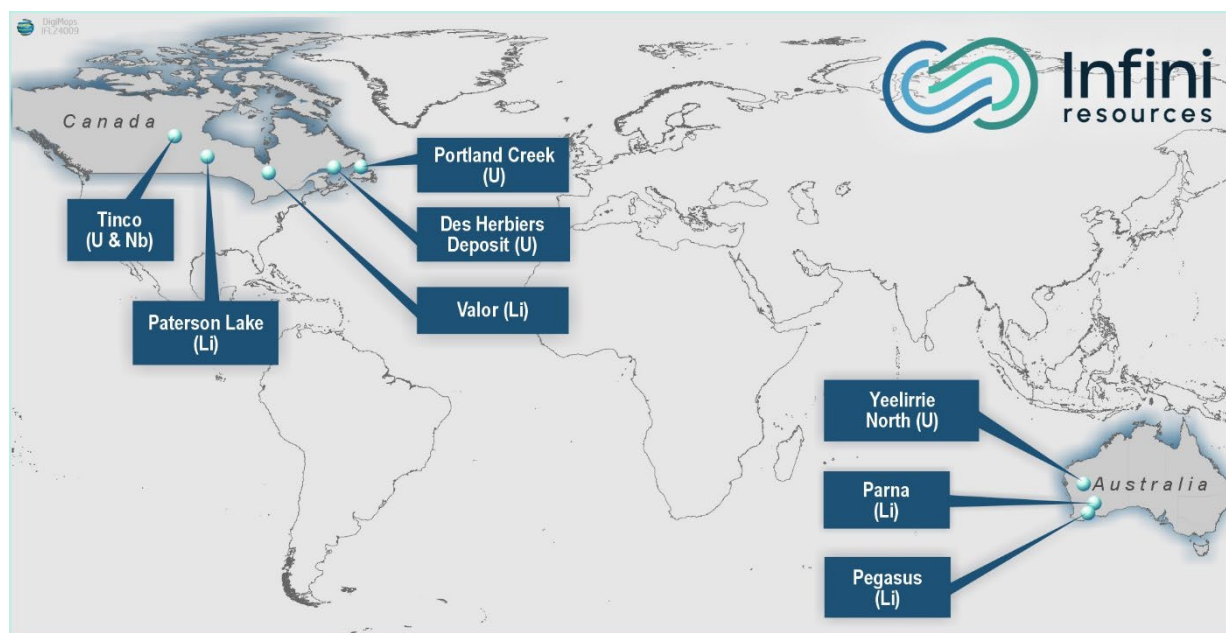
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**About Infini Resources Ltd (ASX: I88)**

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 greenfields and more advanced brownfields projects. The company’s mission is to increase shareholder wealth through exploration growth and mine development.

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



**Compliance Statement**

This report contains information on the Yeelirrie North Uranium Project extracted from the Company’s Prospectus dated 30 November 2023 and released to the ASX market announcements platform on 10 January 2024, and announcements dated 15 January 2024 and 8 April 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 original market announcements are available to view on [www.infiniresources.com.au](http://www.infiniresources.com.au) and [www.asx.com.au](http://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](http://www.infiniresources.com.au) and [www.asx.com.au](http://www.asx.com.au).

### Forward Looking Statements

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