

Soil Sampling Completed at Portland Creek Uranium Project

Large soil sampling program is now complete with the field crew demobilising from site and all samples en route to the laboratory for expedited analysis

Highlights

Follow up soil survey complete with >1000 samples collected in the highly prospective and underexplored structural corridor that hosts the high-grade Talus soil anomaly with a stunning peak assay result of **74,997 ppm (7.5%) U₃O₈**

All samples have been sent to ALS Sudbury, Ontario for expedited analysis including multi-element geochemical and Pb isotope assay methods.

UAV magnetic structural interpretation updated to better reflect fault complexity and potential controls on uranium mineralisation

Extended UAV magnetic survey set to commence in October to potentially define geophysical targets west of the Talus prospect and over the interpreted sediment-granite contact

Infini's Managing Director and CEO, Charles Armstrong is scheduled to present at the 121 Mining Investment Conference in New York 21-22 October to share the progress at the Portland Creek Uranium Project with North American Investors

Infini Resources Ltd (ASX: I88, "Infini" or the "Company") is pleased to announce the successful completion of the major surface geochemical sampling program being undertaken at its 100% owned Portland Creek Uranium Project, located in Newfoundland, Canada (Figure 1 and refer to ASX announcement 29 August 2024).

Infini's Managing Director, Charles Armstrong said:

"This major soil sampling program is now complete traversing the large structural corridor prospective for uranium at Portland Creek, with more than 1000 samples collected by the field crew. All samples are now on their way to the laboratory for expedited geochemical analysis."

"The large amount of data that will return from this program is going to be essential for detailed planning of the Company's maiden diamond drill program. Access permitting and exploration planning activities are well underway while we wait for the assay results. We continue to move closer to testing this underexplored and highly prospective corridor."

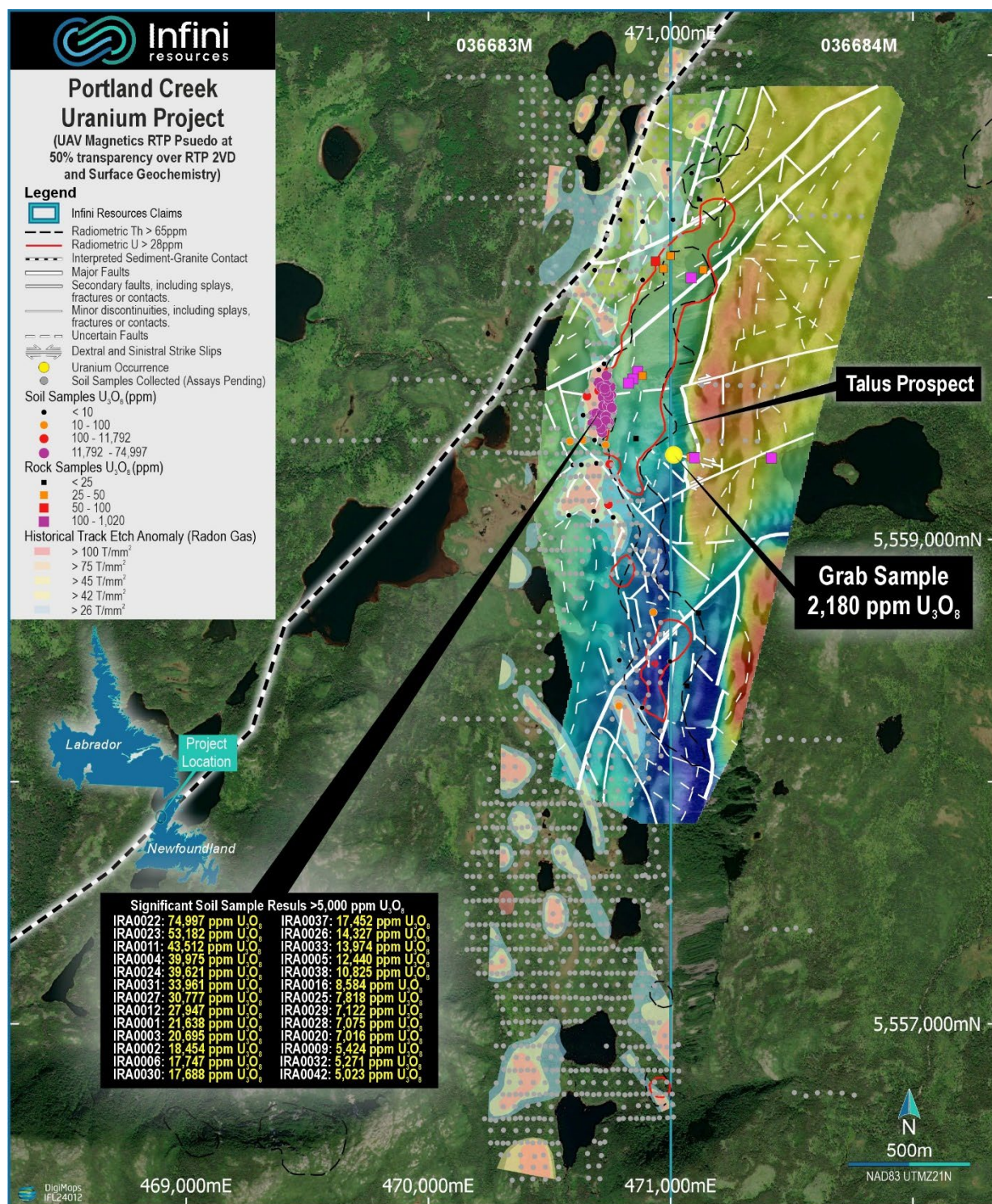


Figure 1 Plan view of the large soil survey that was completed and the locations of where all assay results are pending over newly updated structural interpretation. NB: The presence of numerous radon gas anomalies being sampled in this program and the interpreted sediment-granite contact in close proximity to the high-grade soil anomaly.

Major Soil Sampling Program

The sampling program was successfully completed on schedule and included >1000 soil samples collected (excluding QAQC) on a grid covering both anomalous radon gas anomalies and structures from the UAV magnetic survey to complete diamond drill hole planning for a maiden drilling campaign (refer to ASX announcement 15 August 2024). Biogeochemical samples were not taken as the learning from the maiden program highlighted that biogeochemical anomalism is broader and doesn't reduce the areas of interest as affectively as soil sampling. The key advantage of soil sample data lies in the ability to spatially track radiogenic decay using Pb isotope ratios and thus both near surface and undercover uranium deposits.

UAV Magnetic Structural Interpretation Update

The Company's geophysicists have updated the structural interpretation over the existing UAV magnetic survey which successfully highlights the fault complexity of the highly prospective corridor (Figure 1) (refer to ASX announcement 22 July 2024). The high-grade soil anomaly at Talus (**peak result of 74,997ppm U_3O_8**) lies within the apex of three major converging faults and associated north-south accommodating shears. This is highly encouraging to see and reinforces the likelihood that structure is playing an important role in the location of high-grade uranium in soils. It also suggests that these anomalous soils have not travelled far from their primary source. This is also supported by their physical location in the field on the toe of a slope (refer to ASX announcement 29 August 2024, Figure 3). While there appears to be positive coincidence between surface geochemistry and dextral fault splays currently, the assay results from this program will provide further insight as to whether this spatial relationship is reinforced and help determine what azimuth certain holes should be drilled at to increase the probability of discovery.



Figure 2 Portland Creek soil samples prior to being transported to the laboratory for geochemical analysis.

About Portland Creek Uranium Project

The Portland Creek Project covers an area of 149 km² and is situated in the Precambrian Long-Range Complex of the Humber Tectonic – Stratigraphic zone. These members include metaquartzite and a suite of paragneisses, intruded by leucocratic pink granite, which have likely been thrust westwards over Palaeozoic carbonate-dominant sediments. The Claims are situated over a large regional uranium anomaly that was identified in the 1970's by a Newfoundland government stream sediment sampling program. There was initially one uranium showing on the property as listed in the Newfoundland Mineral Deposit Index inventory with 2,180 ppm U₃O₈ (refer Prospectus dated 30 November 2023). Since listing, the company has now verified and defined a high-grade soil anomaly at the Talus prospect measuring ~235m x 100m with >1000ppm U₃O₈ and a peak result of 74,997ppm U₃O₈.

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Release authorised by the Board of Infini Resources Ltd.

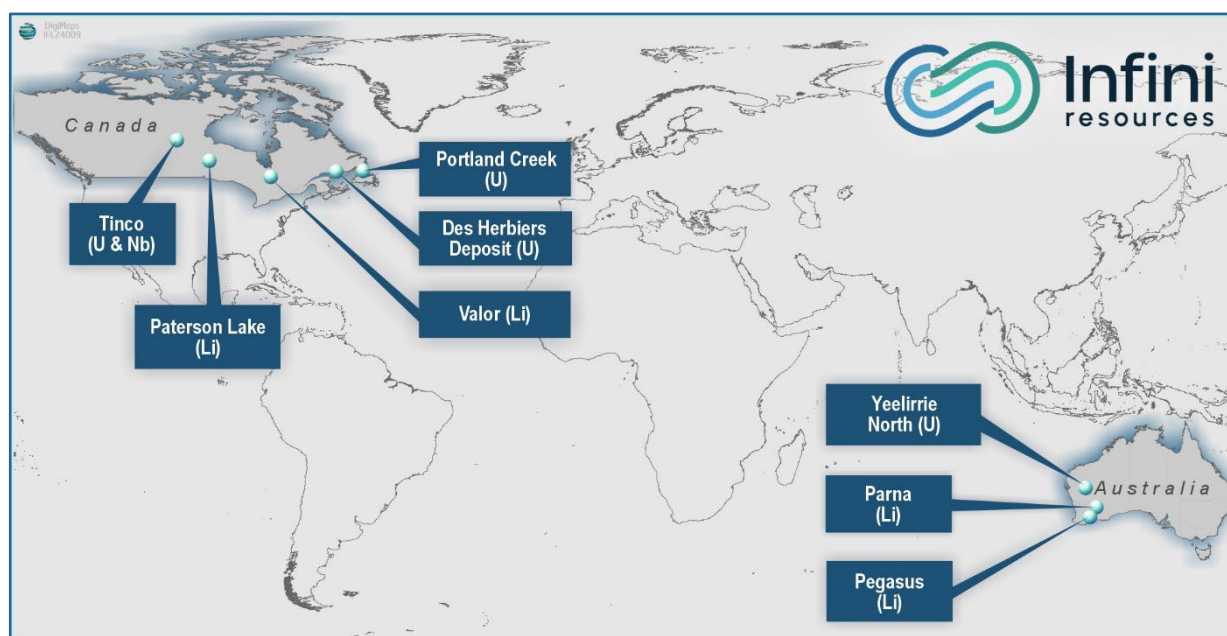
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About Infini Resources Ltd (ASX: I88)

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



Compliance Statement

This report contains information on the Company's Projects 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, 29 January 2024, 19 February 2024, 29 February 2024 3 May 2024, 28 May 2024, 3 June 2024, 13 June 2024, 1 July 2024, 10 July 2024 and 22 July 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 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 Herbiere 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.

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