

Maiden Drill Targets Finalised for Reynolds & Reitenbach Lake Uranium Projects

- ▶ Maiden diamond drilling program (minimum 2,500m) to systematically test high-priority uranium targets at the Reynolds & Reitenbach Lake Uranium Projects, with mobilisation scheduled for mid-April 2026.
- ▶ Program follows the discovery of high-grade uranium mineralisation at the Titus Prospect, with rock chip samples returning assays up to 1.90% U₃O₈ along a priority EM conductor.
- ▶ Drilling will focus on the confluence of multiple datasets, including EM conductors, magnetic features, uranium geochemical anomalism, and interpreted structural corridors, refined through Infini's 2025 exploration programs.
- ▶ Datasets define a large, system-scale footprint prospective for hosting uranium mineralisation, which includes ~80 km of EM conductors and a continuous ~15 km × 3 km prospective corridor adjacent to the Titus Prospect.
- ▶ Program represents the first drill testing of this underexplored area on the eastern margin of the Athabasca Basin, considered highly prospective for both unconformity-related and basement-hosted uranium systems.

To learn more about this announcement and watch a video update from our CEO, Rohan Bone, click [here](#).

Infini Resources Limited (ASX:I88) ("Infini" or the "Company") is pleased to announce the completion of targeting and drillhole planning for its maiden drilling campaign at the Reynolds Lake and Reitenbach Lake Uranium Projects, marking a key milestone ahead of planned drilling in Q2 CY2026.

Reynolds Lake and Reitenbach Lake Exploration Model

A detailed review and integration of structural, geochemical and geophysical datasets from the Phase 1 and Phase 2 field programs at Reynolds Lake and Reitenbach Lake has been undertaken to refine the Company's exploration model and generate well-constrained, high-confidence drill targets for the maiden drilling campaign at Reynolds and Reitenbach Lake. This work incorporates interpretation of airborne TDEM and magnetic surveys flown in 2025, alongside mapping, prospecting and soil geochemistry, to better constrain the spatial relationship between uranium anomalism and key geological controls. Soil sampling (773 samples across two grids) defines coherent uranium anomalies down-ice of the interpreted structural corridor, providing additional support for the positioning of priority drill targets.

Specialist input from uranium exploration experts has focused on defining the architecture of major shear zones and conductive corridors, understanding fluid pathways and assessing the controls on potential uranium mineralisation across both projects. This process has identified multiple zones where uranium anomalism coincides with EM conductors, magnetic lows, radiometric responses and structural complexity, supporting a coherent, system-scale exploration model prospective for basement-hosted uranium mineralisation. The presence of high-grade uranium at the Titus Prospect (1.90% U₃O₈ sample K668386), located along a priority EM conductor and structural corridor, provides further support for the model and validates the targeting approach.

Infini's Strategic Technical Advisor, Andy Yackulic, said: *"The high-grade samples recovered from Titus in 2025 underscore the projects' potential to host significant uranium mineralisation. By integrating our latest field data with regional insights, we have refined a precise drilling strategy to test the conductive corridor at Reynolds and Reitenbach Lake. Our focus now shifts to testing high-priority targets within structurally complex zones that we believe are prime for basement-hosted mineralisation similar to the Eagle Point deposits."*

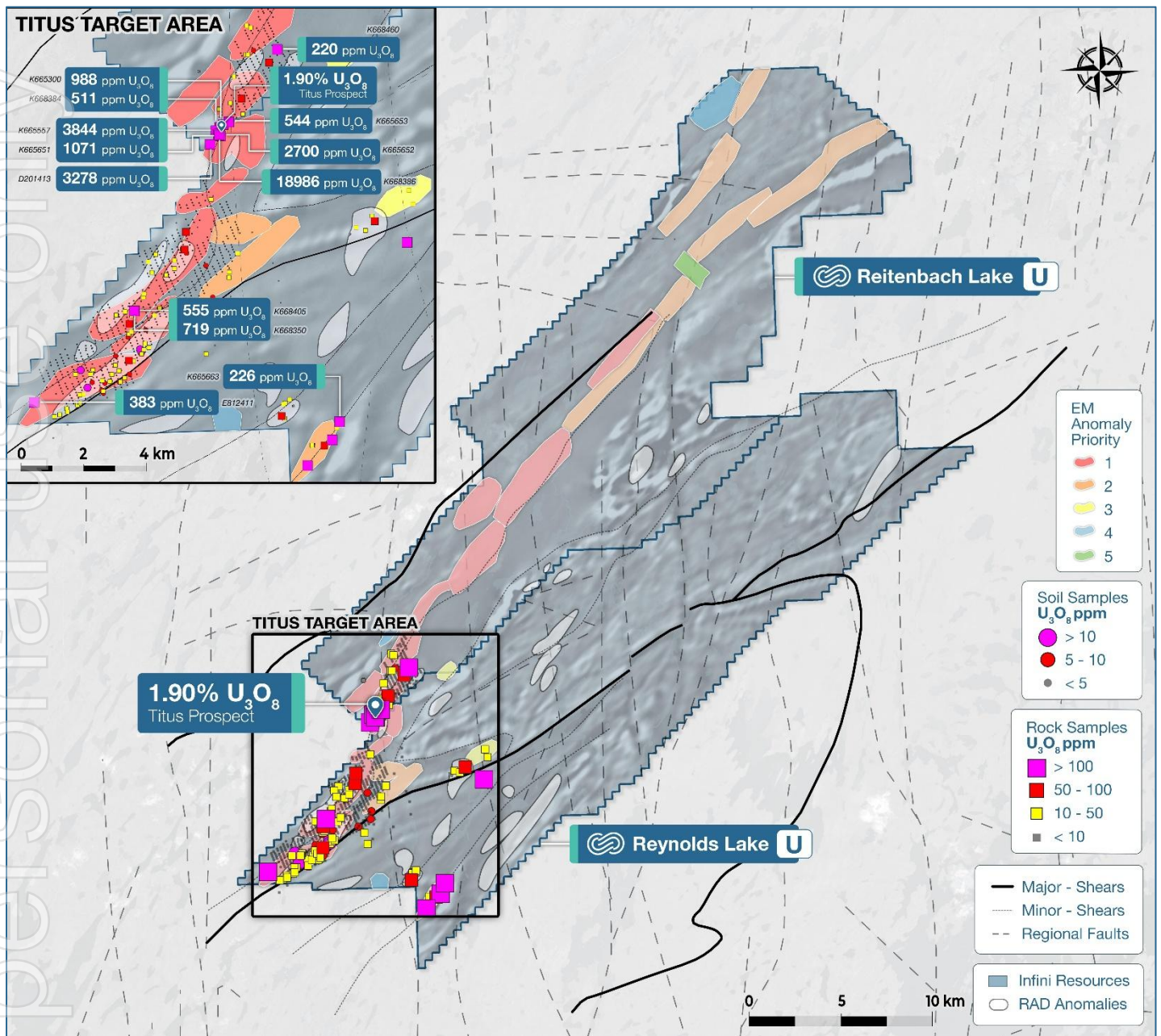


Figure 1: Overview of the Reynolds and Reitenbach Lake Uranium Projects highlighting the confluence of interpreted airborne EM conductors, major structural architecture and surface geochemical anomalism, overlain on a 1VD magnetic image.

Drillhole Targeting and Planning

Drill targets at the Reynolds Lake and Reitenbach Lake Uranium Projects have been defined through a systematic integration of multiple datasets, including airborne electromagnetic (EM) surveys, magnetic data, surface geochemistry and detailed structural interpretation.

Targeting has focused on areas where multiple mineralisation vectors coincide, specifically:

- Variable stacked and single EM conductors, interpreted to represent graphitic or sulphide-rich horizons acting as reductants.
- Magnetic lows, indicative of meta sedimentary units and/or alteration, also highlighting structurally disrupted basement rocks at depth.
- Elevated uranium geochemistry, including rock chip and soil anomalies.
- Structural complexity, including major shear zones, fault intersections and deformation corridors.

These datasets collectively define a coherent, system-scale potential for uranium mineralisation, including approximately 80 km of EM conductors across the broader project area and a continuous ~15 km x 3 km prospective corridor in the vicinity of the Titus Prospect, reinforcing the scale and prospectivity of the Reynolds Lake and Reitenbach Lake projects.

A minimum 2,500m diamond drilling program comprising approximately 12-16 drillholes has been designed to systematically test these priority targets, with an average planned hole depth of ~220m. The program is structured to efficiently evaluate key target areas, with flexibility to adjust hole locations and follow-up drilling based on ongoing results confirmed in the core logging or gamma probe results.

Infini's Chief Executive Officer, Rohan Bone, said: *"Finalising drill targets for our maiden drilling campaign at Reynolds and Reitenbach marks a major milestone for the Company. The integration of geophysics, geochemistry and structural interpretation has defined a number of compelling, high-priority targets across a large, prospective uranium system.*

The presence of high-grade uranium at surface at the Titus Prospect, combined with the scale of the EM conductor network and associated alteration footprint, provides strong encouragement that we are vectoring into a potentially significant mineralised system.

With key contractors appointed and drill planning now complete, we are well positioned to commence our maiden drill campaign in Q2 CY2026 and test the potential of this highly prospective landholding on the eastern margin of the Athabasca Basin."

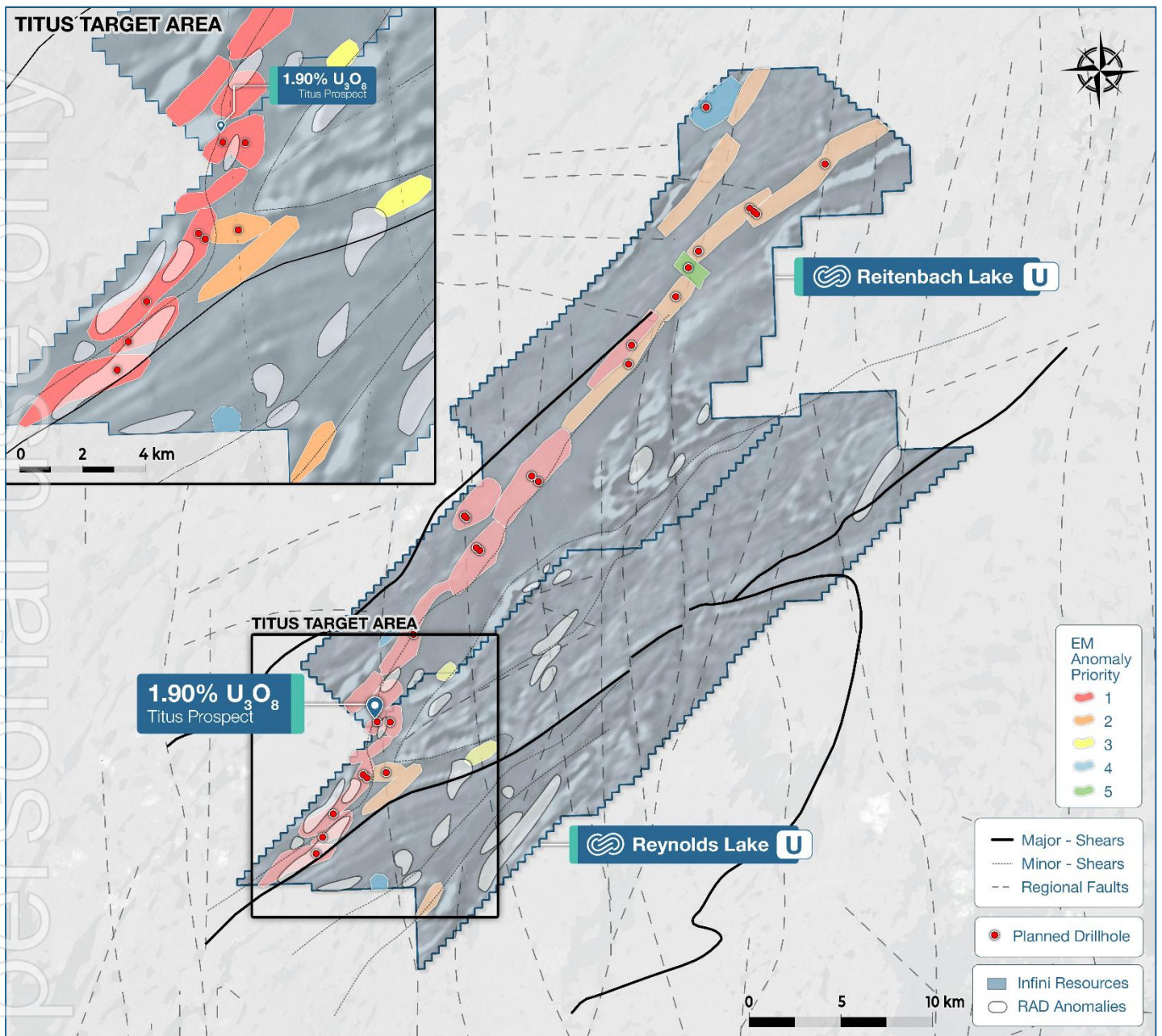


Figure 2: Indicative drillhole locations for the maiden diamond drilling program at Reynolds and Reitenbach Lake, targeting priority EM anomalies where magnetic features, structural complexity and uranium geochemical anomalism coincide.

Next Steps

With drill targeting now complete, Infini is advancing toward execution of its maiden drilling campaign at Reynolds Lake and Reitenbach Lake Projects. Key upcoming activities include:

- Ongoing engagement with First Nations, including Ya'thi Néné Lands and Resources (YNLR), to support permitting and ensure alignment with planned exploration activities;
- Completion of permitting and regulatory approvals to support the commencement of drilling activities;
- Mobilisation of Archer Cathro (geological services) and Rodren Drilling (drilling contractor) to Reynolds Lake and Reitenbach Lake; and,
- Commencement of a minimum ~2,500m diamond drilling program across the well-defined drill targets.

The drilling program is scheduled to commence in Q2 CY2026 and represents the first drill testing of this underexplored area on the eastern margin of the Athabasca Basin, which is considered highly prospective for both unconformity-related and basement-hosted uranium systems.

[END]

This announcement has been approved for release by the Board of Directors of Infini Resources Ltd.



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About Reynolds Lake & Reitenbach Lake

The Reynolds Lake and Reitenbach Lake Uranium Projects collectively comprise 22 mineral claims covering a total footprint of 766 km² on the eastern outboard margin of the Athabasca Basin in northern Saskatchewan. The projects are contiguous, with Reynolds Lake consisting of 12 claims (386 km²) and Reitenbach Lake consisting of 10 claims (381 km²) adjoining its northern boundary.

The properties are underlain by Archean to Paleoproterozoic metamorphic and igneous rocks and are bisected by the crustal-scale Needle Falls Shear Zone, a major structural corridor separating the Wollaston Domain to the west from the Peter Lake Domain to the east. The Wollaston Domain is dominated by Paleoproterozoic siliciclastic metasediments including paragneiss, quartzite, and calc-silicate units, while the Peter Lake Domain contains Archean to Paleoproterozoic granitoid gneisses and supracrustal rocks. Both domains are strongly deformed and metamorphosed, with northeast-trending isoclinal folding and later cross-cutting north-south fault systems that provide structural complexity and potential pathways for hydrothermal fluid flow.

Graphitic schists and gneisses, key lithologies known to host unconformity-associated uranium mineralisation, have been identified within the project area and are spatially associated with electromagnetic conductors, radiometric anomalies and elevated uranium-in-lake sediment samples. Recent exploration has confirmed primary uranium mineralisation at surface at Reitenbach Lake, while petrographic analysis has validated a structurally prepared and hydrothermally altered basement environment consistent with an unconformity-related uranium system.

Regionally, the geological setting is considered analogous to uranium systems at Eagle Point and Rabbit Lake, where mineralisation occurs along graphitic shear zones at the boundary between Wollaston metasediments and granitoid basement.

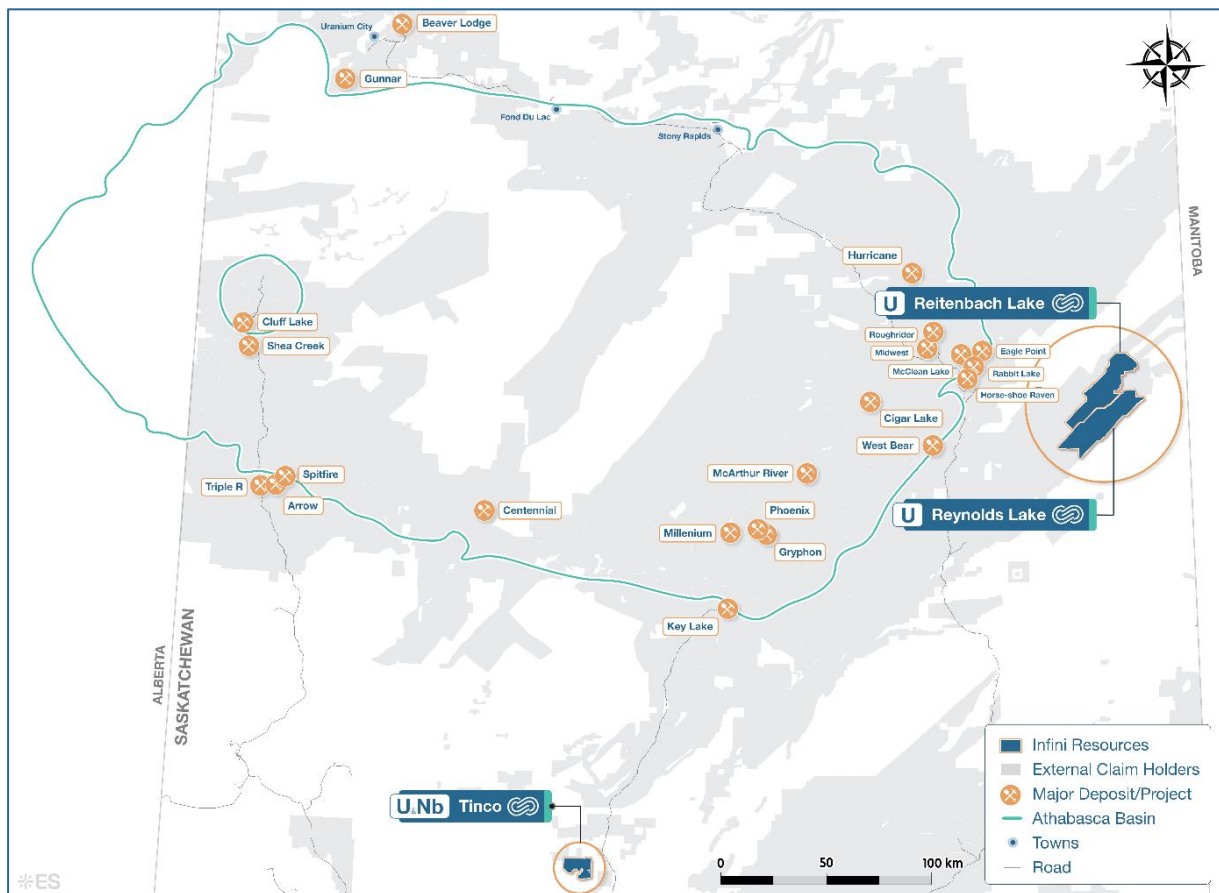


Figure 3: Location of the Reynolds Lake and Reitenbach Lake Uranium Projects relative to the world-renowned Athabasca Basin, synonymous with high-grade uranium deposits, and in close proximity to existing operations, access and infrastructure.

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)

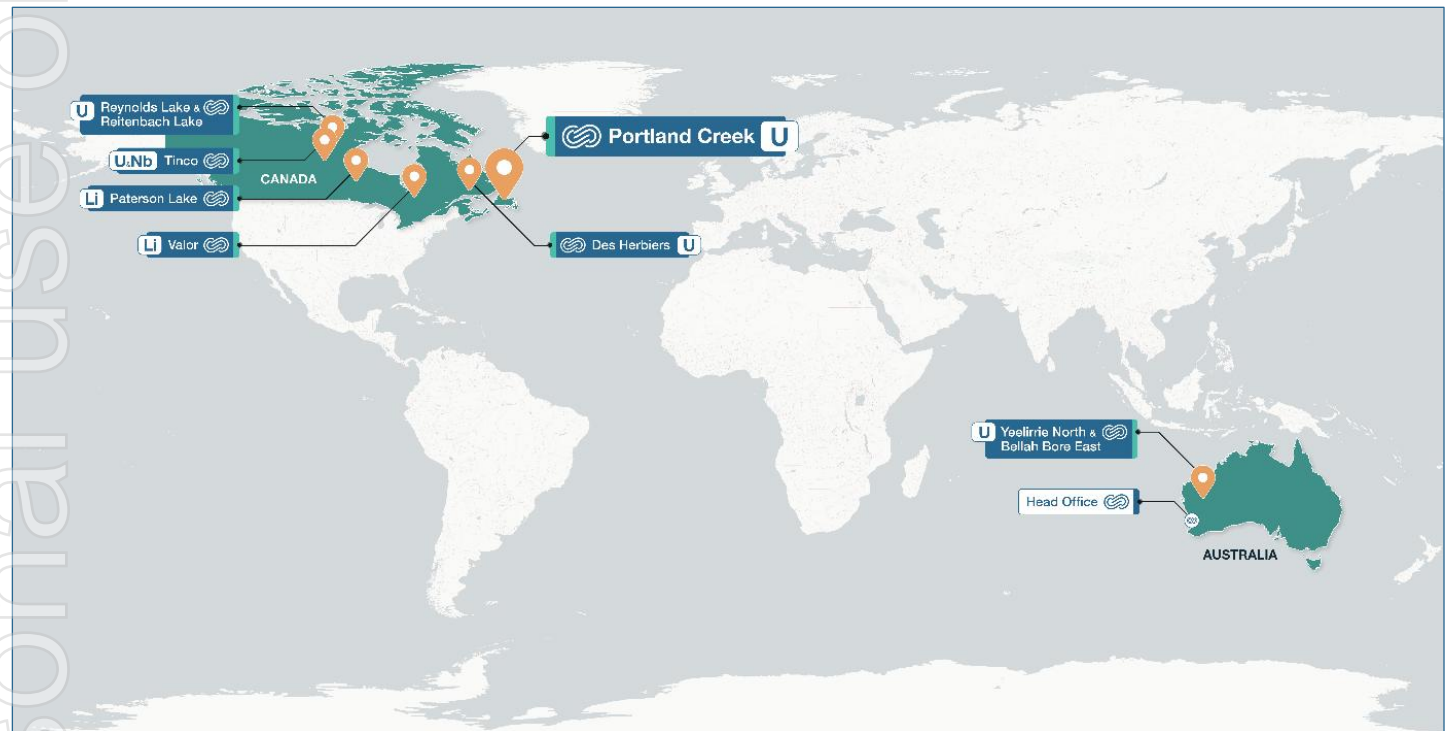


Figure 4: Overview of Infini's portfolio of projects and global footprint.

Compliance Statement

This announcement contains information on the Reynolds Lake Uranium Project and the Reitenbach Lake Uranium Project extracted from ASX market announcements dated 25 February 2025, 31 March 2025, 24 July 2025, 20 August 2025, 9 September 2025, 22 September 2025, 2 October 2025, 3 October 2025, 26 November 2025, 23 December 2025, 12 January 2026, 19 January 2026 and 28 January 2026 and 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 announcement 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 <https://infiniresources.com.au> and www.asx.com.au.

Forward Looking Statements

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