ASX Announcement

Released 12 January 2026

Infini Expands Reitenbach Lake Uranium Project Footprint by 31%

Reitenbach Lake project footprint expanded by over 8,900 ha, lifting Infini's total landholding in and adjacent to the Athabasca Basin to over 102,000 ha.

Newly staked ground is adjacent to the 1.9% U_3O_8 Titus Prospect[1] and contiguous with the existing Reitenbach Lake tenements, consolidating control over a highly prospective exploration corridor within the Needle Falls Shear Zone.

The new tenements are located along the structural corridor and strike of electromagnetic conductors, radiometric anomalies and interpreted key geological structures identified by previous work programs, accentuating potential geological continuity and scale potential.

Phase 2 rock chip assay results from Reynolds Lake and Reitenbach Lake are expected imminently, ahead of final targeting and drill planning for an expected inaugural drill program in Q2 CY2026.

Infini Resources Limited (ASX:I88) ("Infini" or the "Company") is pleased to announce that it has staked three additional mineral claims contiguous with its existing Reitenbach Lake Uranium Project in northern Saskatchewan, Canada.

The newly staked tenements comprise MC00023249 (3,113 hectares), MC00023250 (3,117 hectares) and MC00023251 (2,688 hectares) and materially expand Infini's landholding over a rapidly emerging uranium exploration corridor. The Company's land position at Reitenbach Lake has now increased by approximately 31%, bringing the total project footprint to 380 km^2 and increasing Infini's overall footprint in and adjacent to the Athabasca Basin to 1,021 km^2.

Importantly, preliminary review of the Company's 2025 work program data (including a recently flown Xcite airborne electromagnetic (EM), radiometric and magnetic survey conducted by the Company)(refer to ASX Announcements 22 September and 2 October 2025) indicates that priority EM conductors, radiometric anomalies and geological structures identified within Infini's existing Reitenbach Lake tenements may extend into the newly acquired ground, reinforcing the geological continuity of the system and enhancing the scale potential of the project.

The expanded landholding provides Infini with greater flexibility to advance exploration across a broader, coherent target area and enhances the Company's ability to prioritise and test multiple high-quality targets as it progresses toward a planned drill program in Q2 CY2026.

Infini's Chief Executive Officer, Rohan Bone, said: *"Expanding our footprint at Reitenbach Lake is a strategic step that strengthens Infini's position over an emerging highly prospective exploration corridor. Securing ground adjacent to the Titus Prospect that captures interpreted extensions of key EM conductors, radiometric anomalies and key geological structures materially enhances the scale potential of the project. With a consolidated land package and drilling planned for 2026, Reitenbach Lake is shaping up as a cornerstone asset within our Athabasca Basin project portfolio".*

[1] Refer to ASX announcement 23 December 2025, *High-Grade Uraninite Confirmed at Reitenbach Lake – Phase 1 Assay Results Received*.

Next Steps

Infini is now seeking to acquire and consolidate all available datasets across the newly staked tenements. Following receipt of Phase 2 field sampling assay results, drill-ready targets will be finalised and prioritised across the Reynolds Lake and Reitenbach Lake projects. Key upcoming milestones include:

- Receival of Phase 2 rock chip assay results, expected imminently.
- Target refinement and drill planning integrating structural, geophysical and geochemical datasets, expected in Q1 CY2026.
- Commencement of a maiden drill campaign across priority targets at Reynolds and Reitenbach Lake projects, subject to permitting and stakeholder engagement, targeted for Q2 CY2026.
- Ongoing engagement with local First Nations, including Ya'thi Néné Lands and Resources (YNLR), alongside government permitting processes, progressing in parallel to support drilling activities.

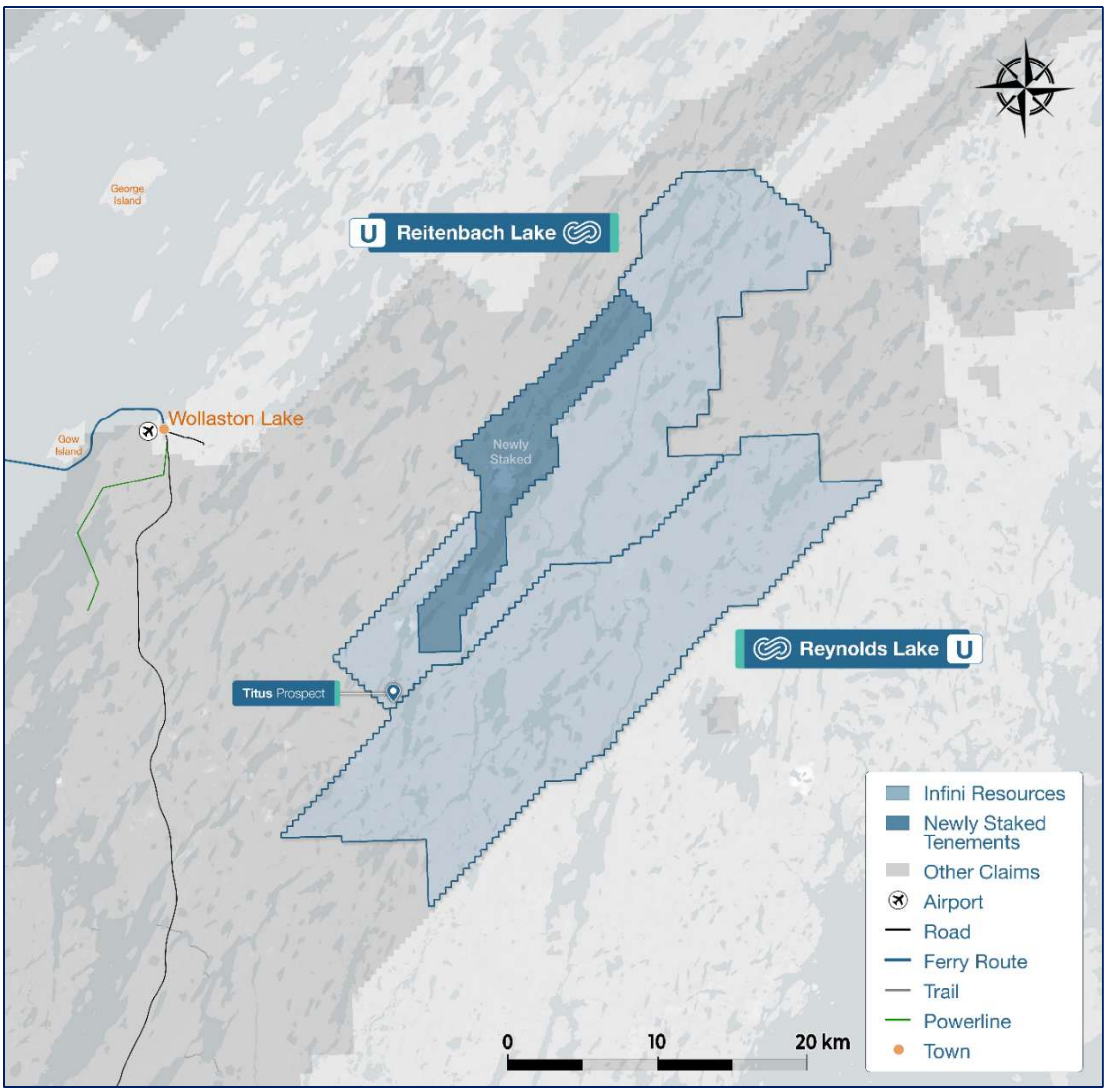

Figure 1: Infini's footprint at the Reitenbach Lake Uranium Project strategically increased by 31% to a total over 380 km^2. When combined with Infini's Reynolds Lake and Boulding Lake projects, Infini now holds a dominant exploration footprint of 1,021 km^2 in and adjacent to the Athabasca Basin.

References

1. ASX announcement 23 December 2025, *High-Grade Uraninite Confirmed at Reitenbach Lake – Phase 1 Assay Results Received*.

2. ASX announcement 2 October 2025 and 22 September 2025, Amendment to ASX Announcement; *Reynolds Lake Field Program Expanded to Target New EM Anomalies*.

[END]

Release authorised by the Board 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.

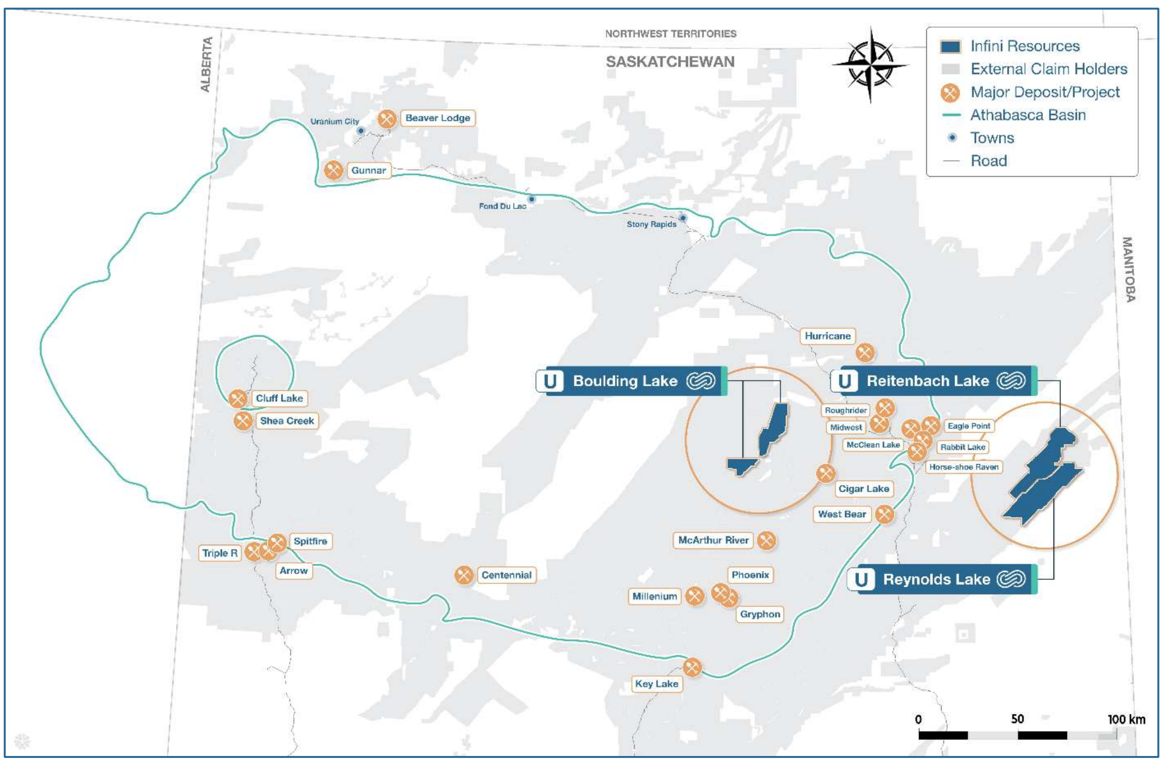

Figure 2: Location of the Reynolds Lake Uranium Project and Reitenbach Uranium Project relative to the world-renowned Athabasca Basin, synonymous with high-grade uranium deposits, and in close proximity to existing operations, access and infrastructure.

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_3O_8 (43.95mlb)

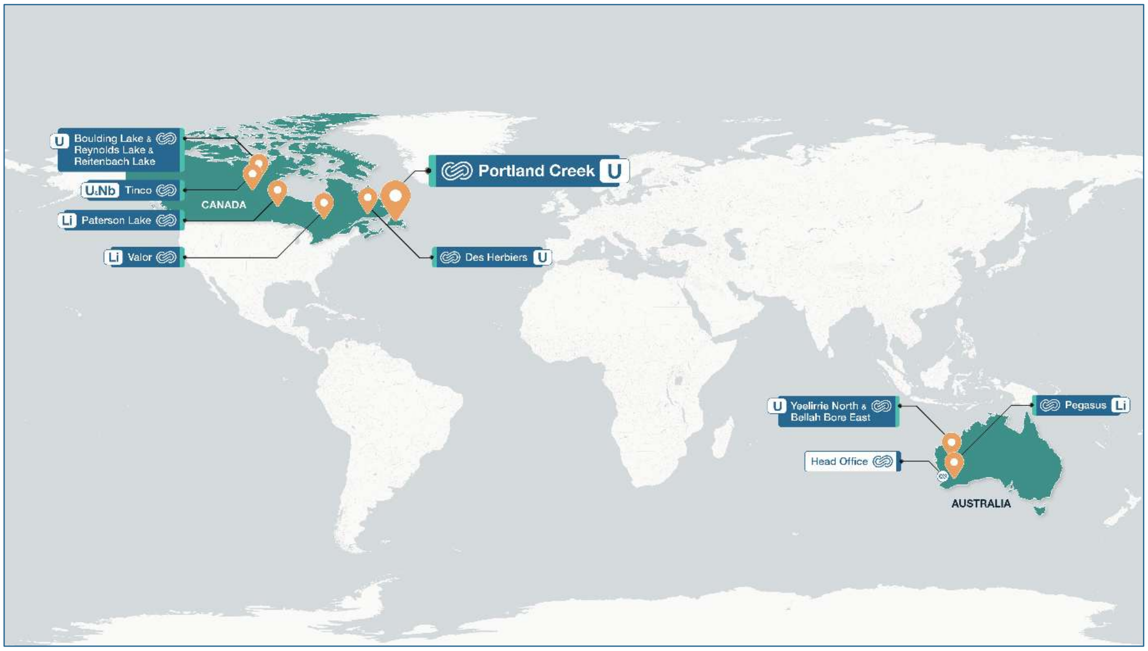

Figure 3: Overview of Infini's portfolio of projects and global footprint.

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 and 23 December 2025 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 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 expanded footprint in the Athabasca Basin

Table 1: Overview of Infini's tenements staked at the Boulding, Reynolds and Reitenbach Lake Projects.

Licence ID	Project	Hectares
MC00016454	Boulding Lake	2,073
MC00016455	Boulding Lake	3,328
MC00016456	Boulding Lake	2,025
MC00016457	Boulding Lake	2,690
MC00016458	Boulding Lake	3,399
MC00016459	Boulding Lake	2,939
MC00016460	Boulding Lake	3,862
MC00016461	Boulding Lake	2,853
MC00016462	Boulding Lake	2,273
MC00016423	Reynolds Lake	3,265
MC00016424	Reynolds Lake	3,754
MC00016425	Reynolds Lake	2,492
MC00016426	Reynolds Lake	3,774
MC00016427	Reynolds Lake	3,714
MC00016428	Reynolds Lake	3,306
MC00016429	Reynolds Lake	3,117
MC00016430	Reynolds Lake	2,984
MC00016431	Reynolds Lake	3,289
MC00016432	Reynolds Lake	3,082
MC00016433	Reynolds Lake	3,071
MC00016434	Reynolds Lake	2,711
MC00018042	Reitenbach Lake	4,103
MC00018043	Reitenbach Lake	4,388
MC00018044	Reitenbach Lake	4,170
MC00018045	Reitenbach Lake	3,689
MC00018046	Reitenbach Lake	4,190
MC00018047	Reitenbach Lake	4,419
MC00018048	Reitenbach Lake	4,184
MC00023249	Reitenbach Lake	3,113
MC00023250	Reitenbach Lake	3,117
MC00023251	Reitenbach Lake	2,688
Total	**--**	**102,060**