

18 February 2026

Drilling commences in order to continue to expand the high grade, extensive gold mineralisation at the Laverton Gold Project

Highlights

- Latitude66 has commenced a follow up ~4,000m reverse circulation (RC) drilling campaign at the Laverton Gold Project following the exceptional results from the initial drilling campaign
- Step-out drilling at Red Dog will target extensions to the high grade gold mineralisation identified from the initial drilling campaign, which included:
 - 11m @ 4.6g/t Au from 10m (25TDRC005)
 - 6m @ 4.2g/t Au from 24m (25TDRC004)
 - 6m @ 3.2g/t Au from 22m (25TDRC003)
- Drilling at Tin Dog aims to increase geological and structural confidence in the NW–SE trending mineralised lodes identified during Phase 1 drilling and target extensions to the identified gold mineralisation which included:
 - 2m @ 12.5g/t Au from 83m (LVRC021)
 - 4m @ 3.9g/t Au from 54m including 2m @ 7.5g/t Au (LVRC024)
- Additional holes will test a parallel interpreted shear corridor located approximately 300m east of current drilling that has historically undergone limited testing
- Assay results are anticipated to be received during the second quarter of calendar year 2026

Latitude 66's Managing Director, Grant Coyle, commented:

“Following the strong results from our initial program, it is pleasing to move directly into Phase 2 drilling at Laverton. At Tin Dog, we are now systematically testing and infilling the newly recognised NW–SE structural corridors that have demonstrated high-grade gold potential and materially expand the footprint of mineralisation.

At Red Dog, our focus remains on extending the existing Mineral Resource along strike and at depth, with the objective of growing ounces on granted Mining Leases in a district with exceptional infrastructure.

This program is designed to materially increase geological confidence and position the Project for continued Mineral Resource growth.”

Latitude 66 Limited, ACN 115 768 986 (ASX: LAT) (“Lat66” or “the Company”) is pleased to confirm that Phase 2 drilling has commenced at the Laverton Gold Project, located approximately 300 km north-east of Kalgoorlie, Western Australia.

The follow-up program has been designed to systematically expand upon the strong results delivered from the Phase 1 drilling (refer ASX announcement dated 20 January 2026) and to continue advancing the previously defined Exploration Target of 6.5–11Mt @ 1.0–1.3g/t Au for 200–450koz Au (refer ASX announcement dated 1 December 2025).

Both Red Dog and Tin Dog are located on granted Mining Leases within a tier-one gold district, benefiting from established haul roads and proximity to multiple operating processing facilities, supporting clear pathways toward rapid resource growth and development optionality.

Laverton Gold Project

Tin Dog Structural Infill and Expansion

At Tin Dog, drilling will focus on systematically advancing the newly recognised NW–SE structural framework that was validated during the initial drilling campaign. Previous drilling confirmed that these shear zones represent primary fluid conduits associated with syenite emplacement and gold mineralisation, returning high-grade intersections including 2m @ 12.5g/t Au (LVRC021), 4m @ 3.9g/t Au (LVRC024) and broader mineralisation such as 19m @ 1.1g/t Au (LVRC022).

The current program is designed to infill the principal NW–SE lode to an approximate 40m x 80m drill spacing in order to materially increase geological and structural confidence, while also extending drilling down-dip from known high-grade positions. In parallel, the program will test a parallel interpreted shear corridor located approximately 300m east, where surface quartz veining and alteration suggest the presence of additional mineralised structures.

The objective of the Phase 2 drilling is to further define the scale and continuity of the shear-hosted system and to assess the potential for multiple stacked or sub-parallel lodes within the intrusive–shear architecture at Tin Dog.

Red Dog – Resource Extension Drilling

At Red Dog, the objective is resource growth around the existing Indicated and Inferred Mineral Resource Estimate of 231kt @ 1.82g/t Au for 13,500oz¹. The current program will step out to the north-east of the historically mined open pit to test the lateral continuity of the shallow, flat-lying gold mineralised lodes that characterise the deposit.

Drilling will also expand on down-dip repetitions and assess the potential for coherent stacked lodes beneath the current Mineral Resource envelope, building on Phase 1 results which demonstrated mineralisation continuity beyond previously mined limits. Given the shallow geometry, demonstrated metallurgical recoveries from historical mining, and location on granted Mining Leases within trucking distance of regional processing infrastructure, Red Dog continues to represent a compelling near-term resource expansion opportunity within the broader Laverton portfolio.



Photo 1: RC Drilling rig on site at Red Dog, Laverton Gold Project

Program Timeline

Drilling is expected to continue for approximately four weeks, with samples submitted progressively throughout the drilling campaign. Assay results are anticipated to be received during the second quarter of calendar year 2026.

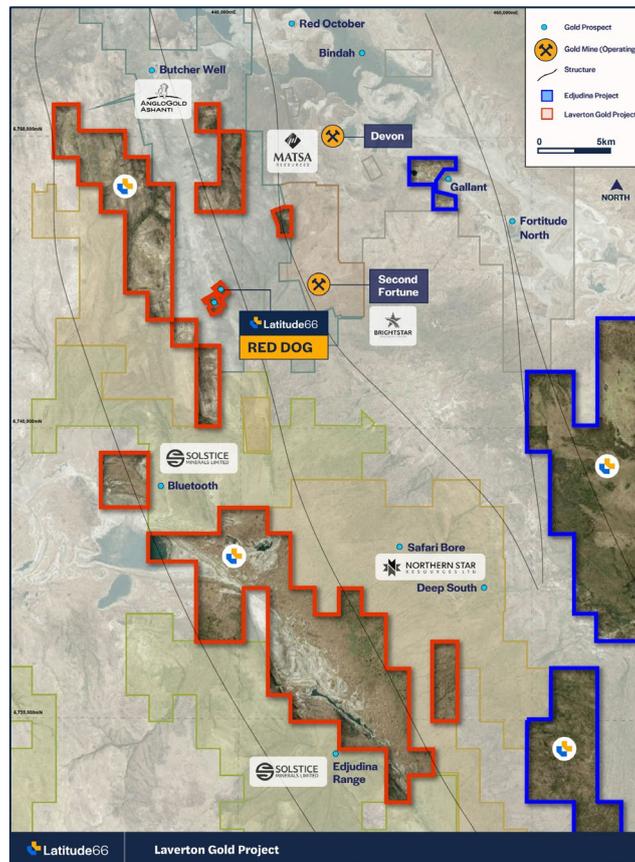


Figure 1: Regional map of the Laverton Gold Project plus nearby gold prospects and operating mines

- Ends -

This announcement has been authorised for release by the Board of Latitude 66 Limited.

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Competent Persons Statement

The information in this announcement that relates to the Exploration target is based on and fairly represents information and supporting documentation compiled by Mr Toby Wellman, a competent person who is a Member of The Australasian Institute of Mining and Metallurgy (MAusIMM). Mr Wellman has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the "JORC Code"). Mr Wellman is the Technical Director of Latitude 66 Limited and consents to the inclusion in this announcement of the Exploration Target in the form and context in which they appear.

Appendix A – JORC Resource Red Dog (0.5g/t cut-off)

Red Dog			
Classification	Tonnes	Grade	Ounces
Indicated	196,000	1.90	12,000
Inferred	35,000	1.38	1,500
Total	231,000	1.82	13,500