

3 September 2025

GOLD DRILLING TO COMMENCE IN AUSTRALIA; PORPHYRY TARGET IDENTIFIED IN CHILE

HIGHLIGHTS

Western Australia

- Gold focused drilling at Ned's Creek starting within days
- Geological mapping and Geomorphology study scheduled for September at Earaheedy

Chile

- Soil Sampling at Darwin and Nicanor projects completed
- Geophysical survey completed over Darwin, Three Saints and Nicanor Projects
- Drill planning underway for October drilling over Three Saints focusing on a large Porphyry target

Commenting on the future work plan, Lodestar Head of Exploration Coraline Blaud said: *"I'm pleased to announce that, in light of strong gold prices and renewed interest in Australian gold exploration, we will shortly be commencing a drilling program at Ned's Creek. This program follows on from the high-grade gold shoots previously identified through Lodestar's exploration efforts.*

In parallel, we are making solid progress toward starting our October drilling campaign in Chile, targeting porphyry-style mineralisation. This is a key focus for the team, and we remain committed to delivering the program within the scheduled timeframe. We're also encouraged by early indicators from our new Nicanor Project, where anomalies are consistent with IOCG/IOA-style systems. Our team is working hard across both regions, and I'm confident we are laying the groundwork for Lodestar to establish a strong presence in Chile—a Tier-1 exploration jurisdiction."

Lodestar Minerals Limited ("LSR" or "the Company") (ASX: LSR) provides an update on exploration activities on our Western Australian 100% owned Ned's Creek project, as well as the progress made on our highly prospective IOCG & Porphyry projects in northern Chile.

Ned's Creek (100% owned) Drilling

An RC drilling program of 1,000m has been designed to target the mineralisation extend at Gidgee Flat prospect. This drilling is following intercepts of **11m @ 5.8 g/t Au** in LNRC039, **5m @ 3.4 g/t Au** in LNRC036, and **6m @ 3.7 g/t Au, inc 1m at 8.3g/t Au** in LNRC056¹. The drilling is planned to start within the next few days and assay results are expected within the next 6 weeks.

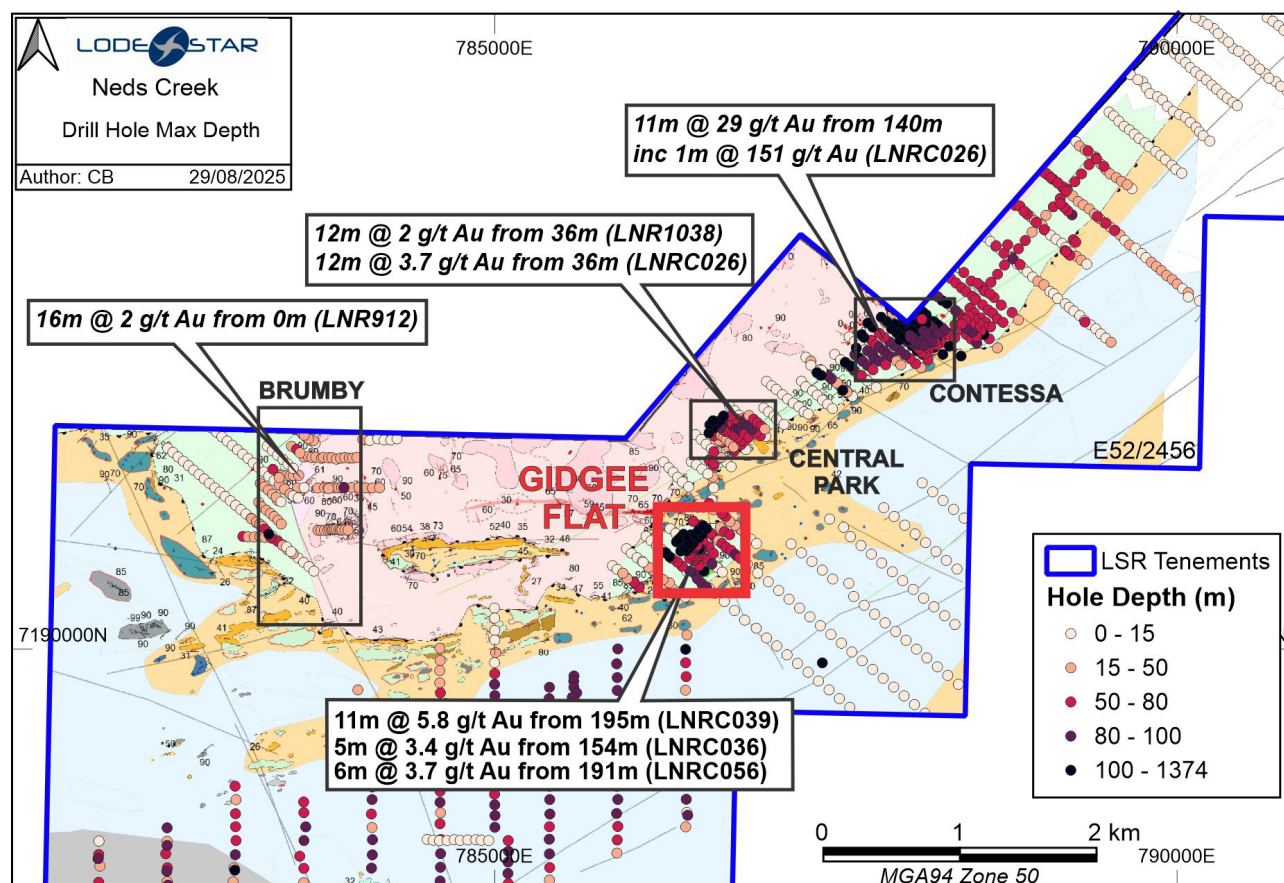


Figure 1: Ned's Creek Project significant intercepts

Earaheedy (100% Owned)

Geomorphological and geological studies are scheduled for September. These studies aim to map the regolith cover and existing outcrops, and will be integrated with soil sampling data collected by Lodestar and its predecessors to define new mineralisation targets.

Nicanor, Three Saints and Darwin Projects

The July soil sampling program was completed across the Darwin and Nicanor projects. At the Three Saints project, soil sampling is scheduled for completion in October, in conjunction with the upcoming drilling program.

¹ Refer to ASX Announcement 19 December 2018

The primary geophysical target at the Three Saints project (Figure 2) will be drill-tested in October. Although this target lies under cover with no visible outcrop, the regional geological context and interpretation of the geophysical anomaly suggest **strong potential for a porphyry-type deposit**.

At the Nicanor project, preliminary targets are being refined through additional studies, with drilling planned before the end of the year. Soil sampling results are expected in the coming weeks which will support the finalisation of the drill program.

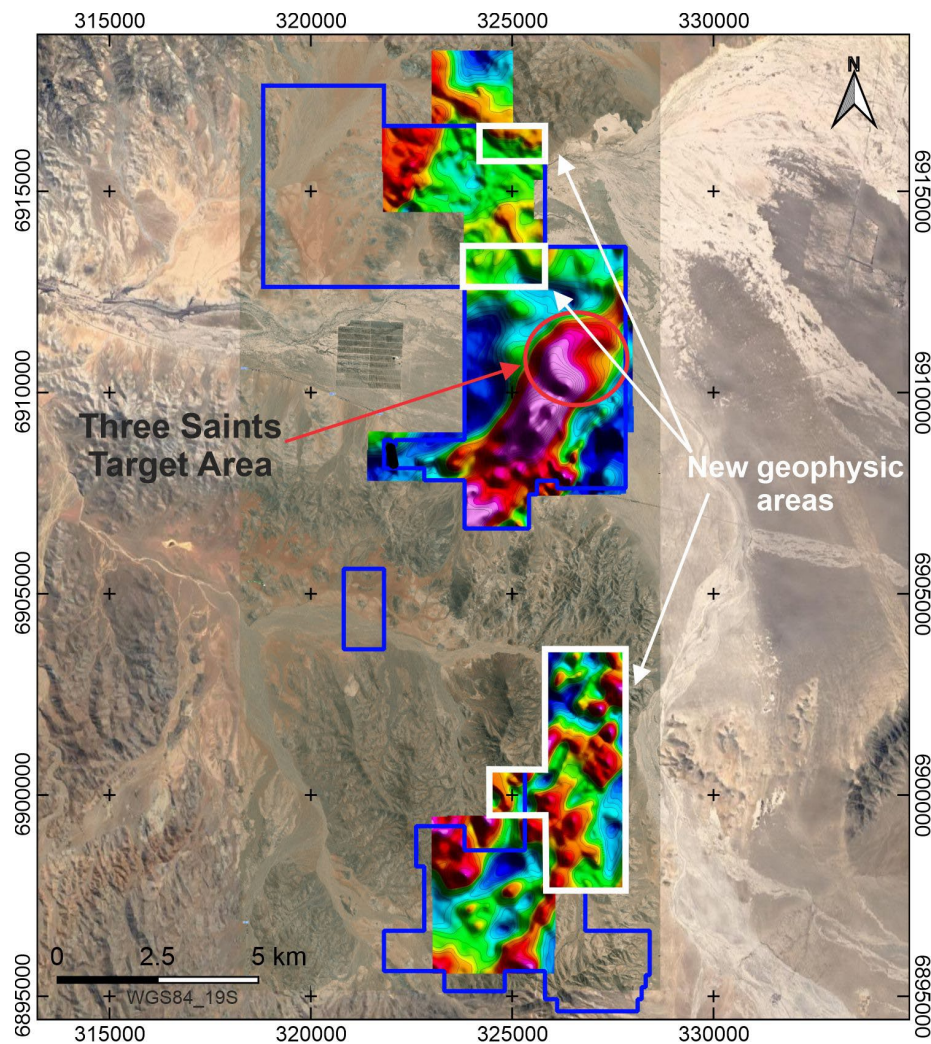


Figure 2: Chilean projects new geophysics areas and Three Saints target.

Nicanor, Three Saints & Darwin Copper-Gold Projects Summary

The Nicanor, Darwin & Three Saints Projects (Figure 3) in Chile lies within one of the World's largest IOCG (iron oxide, copper, gold) Belts which includes the **1.2 Bt @ 0.60% Cu, 0.13 g/t Au, 2.0 g/t Ag Candelaria Deposit**².

The region is host to numerous world class copper deposits and gold rich IOCG deposits such as Carola (**10Mt @ 1.8% Cu, 0.5g/t Au**)³ and Atacama Kozan (**50Mt @ 1.6% Cu, 0.35g/t Au**)³.

Nicanor, Darwin & Three Saints Projects

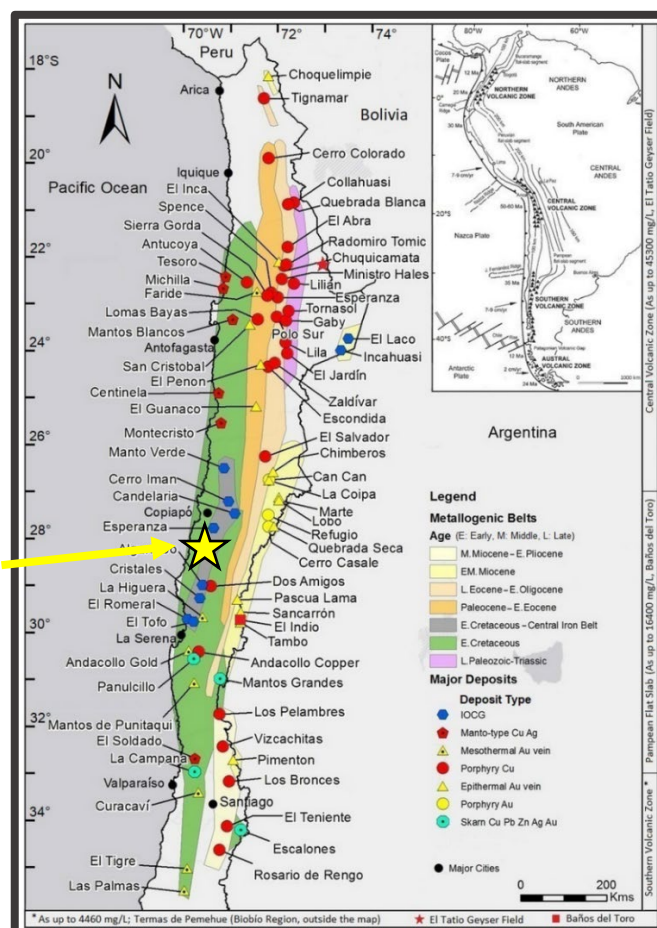


Figure 3: Darwin Project location in relation to other IOCG and Porphyry deposits

About Lodestar

Lodestar Minerals is an active base metal and gold explorer. Lodestar 100% own the Darwin and Three Saints Projects, and entered an earn-in agreement on the Nicanor project in Chile. Lodestar packages also comprise the 100% owned Earahedy and Ned's Creek projects in Western Australia (Figure 4).

Lodestar also has exposure to lithium via its 27.5M performance rights in Future Battery Minerals (**ASX:FBM**) who own the Kangaroo Hills and Miriam lithium Projects in Western Australia.

² Lundin 2022 Mineral Resource and Mineral Reserves Estimates Statement. News release dated 8 February 2023.

³ Andean Geology 48(1): 1-23. January 2021 (Gold Deposits in Chile; Jose Cabello)

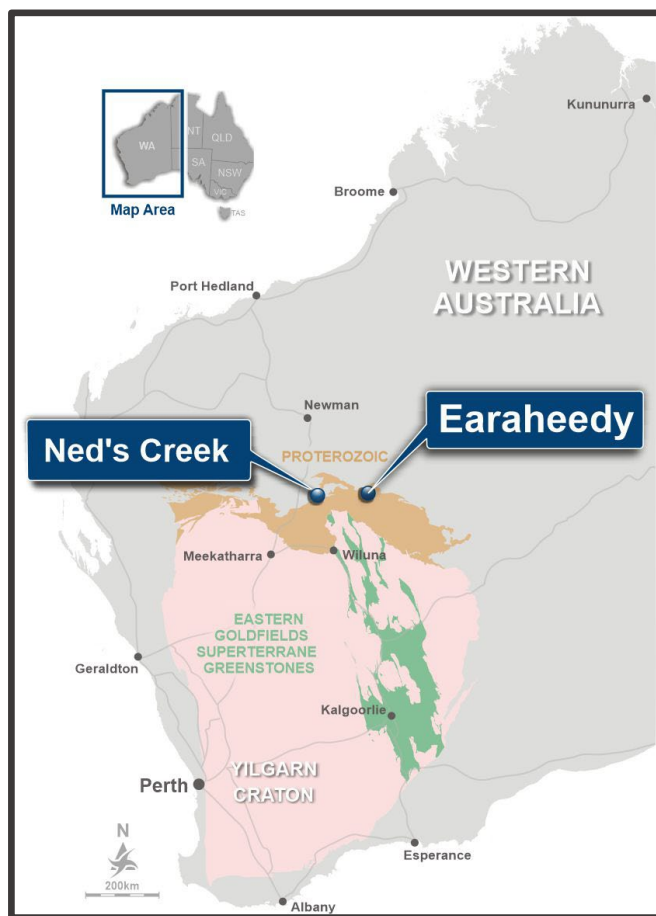


Figure 4: Lodestar's WA Project locations

This announcement has been authorised by the Board of Directors of the Company.

-ENDS-

Contacts

Coraline Blaud

Non-Executive Director
info@lodestarminerals.com.au
+61 8 9435 3200