

DRILLING COMMENCES AT BASIN CREEK, NSW TARGETING HIGH-GRADE COPPER MINERALISATION

HIGHLIGHTS

- **Diamond drilling commences at the Basin Creek Prospect, testing the recently recognized high-grade chalcopyrite (copper sulphide) system and broader disseminated mineralisation.**
- **A program of up to 2,100 metres of drilling will test the continuity and down-plunge extents of the copper sulphide-rich system and the previously reported high-grade intercepts¹, including:**
 - **21.3 metres at 4.51% copper from 41.1 metres downhole in TDH01, including**
 - **4.6 metres at 18.54% copper; and**
 - **3.1 metres at 5.50% copper from 59.4 metres downhole in TDH13**
- **The drilling program is expected to take 6-8 weeks to complete.**

Lachlan Star Limited (ASX: LSA, **Lachlan Star** or the **Company**) is pleased to advise that diamond drilling has commenced at the Basin Creek prospect, located within its 100%-owned southern Junee Project in the Lachlan Fold Belt of New South Wales.

The program comprises up to 2,100 metres of diamond drilling and is designed to confirm the continuity and down-plunge extents of the high-grade copper sulphide (chalcopyrite) mineralisation recognised in historic diamond drilling (**Figure 2**). The drilling will also test the broader disseminated copper sulphide system with the program estimated to take approximately two months to complete.



Figure 1: *Diamond drill rig on site at Basin Creek prospect.*

¹ Refer to ASX announcement, “High-Grade Copper Drill Targets Defined at Basin Creek – Junee Project, NSW” dated 15 August 2024



MANAGEMENT COMMENT

Lachlan Star CEO Andrew Tyrrell said:

“The commencement of drilling marks an exciting milestone for the Company and the Basin Creek prospect.”

“The interpreted high-grade copper sulphide system, which has not seen a single follow-up drill hole in over 50 years, has the potential to deliver significant additional near-surface copper results, and we are excited to see what the current program of diamond drilling returns.”

“We look forward to keeping our shareholders informed of our progress as we advance the project over the coming months.”

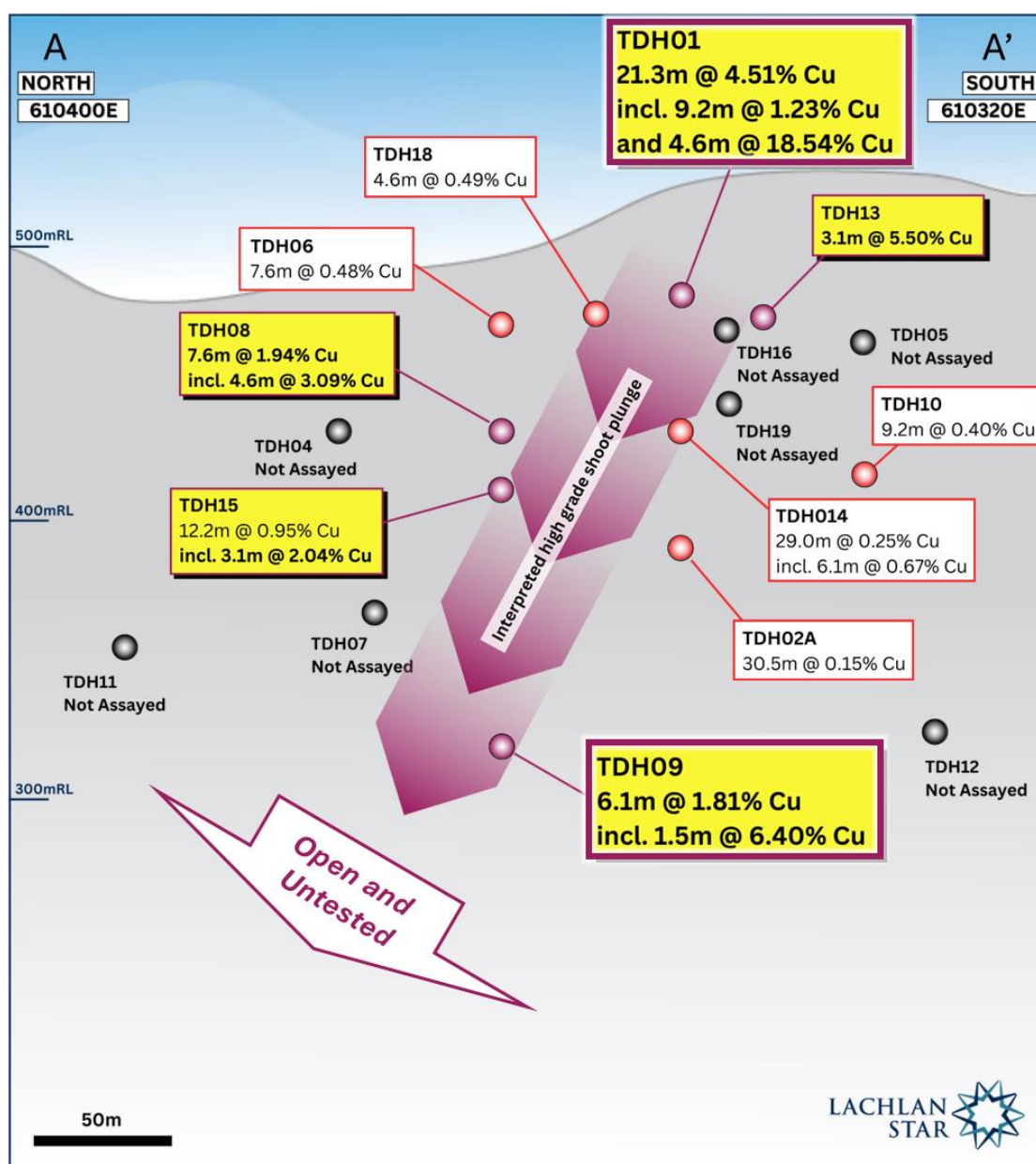


Figure 2: Schematic A-A' long section (30 metre window looking towards 080°) of the mineralised zone at Basin Creek showing pierce points of AOG diamond holes with significant intersections highlighted and targeted high-grade plunge position for diamond drill testing.

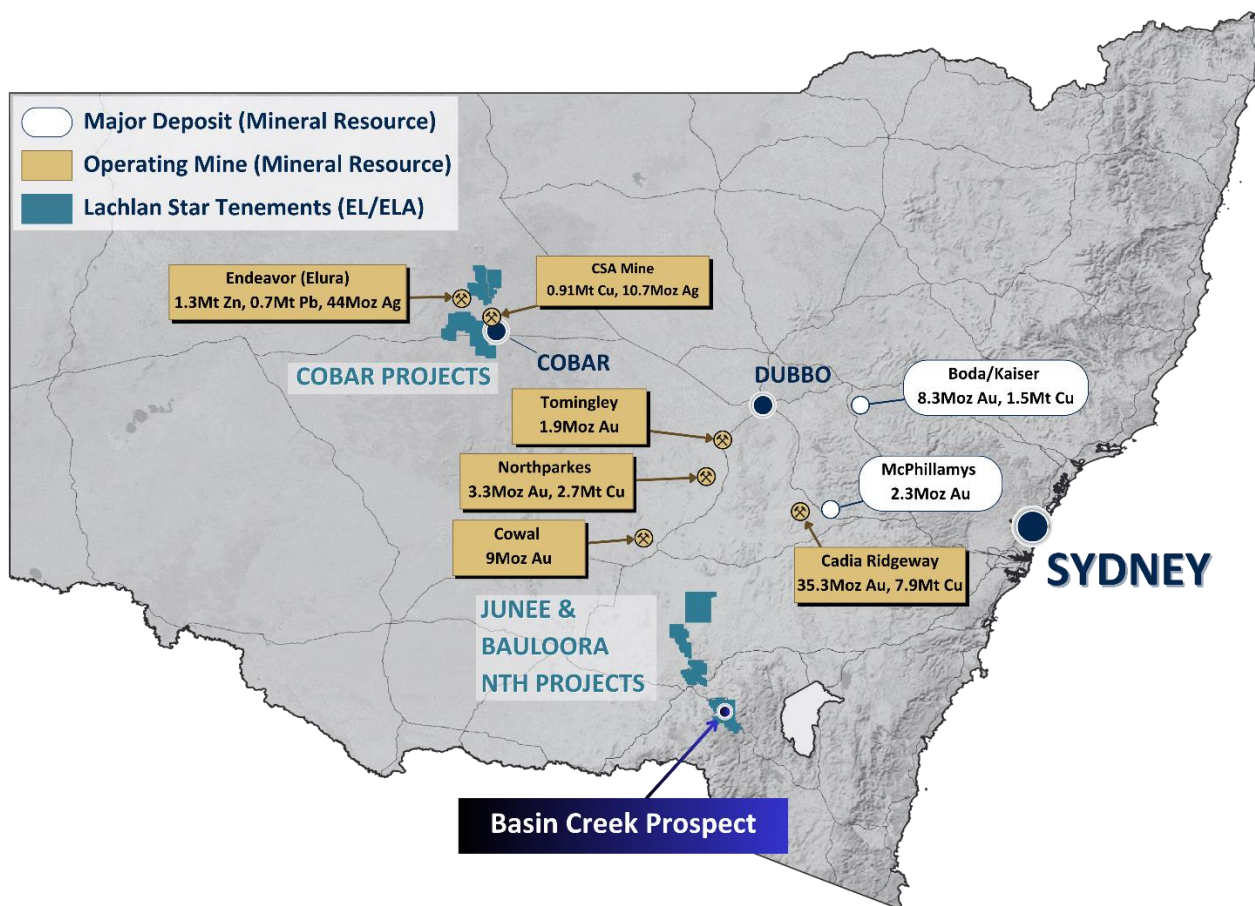


Figure 3: Location map showing Lachlan Star tenements and position of the Basin Creek prospect, within the southern Junee Project area. Major deposits (historic and current) and endowment shown. Mineral Resources sourced from the relevant Company public domain reports

This ASX announcement has been authorised for release by the Board of Lachlan Star Limited.

For further information, please contact:

Andrew Tyrrell, Chief Executive Officer
Lachlan Star Limited
info@lachlanstar.com
Telephone +61 8 6556 8880

For media inquiries, please contact:

Nicholas Read
Read Corporate
info@readcorporate.com.au
Telephone: +61 8 9388 1474



Competent Person's Statement

The Information in this Release that relates to Exploration Results for the Company's NSW projects is extracted from:

- "High-grade copper drill targets defined at Basin Creek – Junee Project, NSW", released 15 August 2024,

which is available at www.lachlanstar.com. The Company confirms that it is not aware of any new information or data that materially affects the information included in the above original market announcements and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

Forward Looking Statements

This report contains forward-looking statements which involve a number of risks and uncertainties. These forward-looking statements are expressed in good faith and believed to have a reasonable basis. These statements reflect current expectation, intentions or strategies regarding the future and assumptions based on currently available information. Should one or more of the risks or uncertainties materialise, or should underlying assumptions prove incorrect, actual results may vary from the expectations, intentions and strategies described in this report. No obligation is assumed to update forward looking statements if these beliefs, opinions and estimates should change or to reflect other future developments.

About Lachlan Star Limited

Lachlan Star Limited (ASX: LSA) is focused on the discovery of gold and copper resources across a portfolio of early-stage high-potential exploration projects located in central New South Wales. The Company has three priority projects situated within the highly endowed mineral Lachlan Fold Belt province of New South Wales and includes North Cobar, Bauloora North and Junee.