

ASX Announcement | 27th March 2025

Oonagalabi drilling programme commenced

Highlights

- Litchfield Minerals has received all necessary Northern Territory government approvals for the planned drilling campaign at Oonagalabi.
- The Bullion Drilling team commenced drilling on Wednesday 26th and the programme is planned to consist of six RC holes, targeting the highest chargeability anomalies identified.

Litchfield Minerals Limited (“**Litchfield**” or the “**Company**”) (**ASX:LMS**), a company with a strategic emphasis on critical minerals, is pleased to announce we have started drilling at Oonagalabi (Figure 1).



Figure 1 – Bullion Drilling rig underway at Oonagalabi.



Managing Director and CEO, Matthew Pustahya, commented:

"We have begun drilling to test the high-potential copper-zinc mineralisation at Oonagalabi. This programme is a key step in unlocking the project's value through assessing the scale and content of the previously identified high chargeability zones. We look forward to keeping our shareholders updated as we progress."

All Oonagalabi approvals obtained

Litchfield has now received all required regulatory approvals for exploration, including the Modified Condition Exploration Licence (MXP1217-01), Notice of Decision and Statement of Reasons and the Approval Letter for the Oonagalabi Project. During the statutory advertising period, Litchfield did not receive any objections or queries, allowing the project to progress without delay.

Oonagalabi drill programme targets

This Phase 1 Drilling Plan has the highest chargeability anomalies as the priority targets to be tested (Figure 2 and Table 1).¹ The program includes:

- 6 RC holes, with five holes targeting the high-chargeability western anomaly and one hole testing the eastern anomaly.
- Drill spacing of 150m per hole, specifically designed to test the higher-grade zones of the system identified by chargeability and to demonstrate scale.
- Focus on intersecting the +40mV/V to 60mV/V chargeability core, which remains completely untested.

¹ Refer ASX Announcement – 5 March 2025 – Major Discovery 1km plus High Chargeability Target Found.

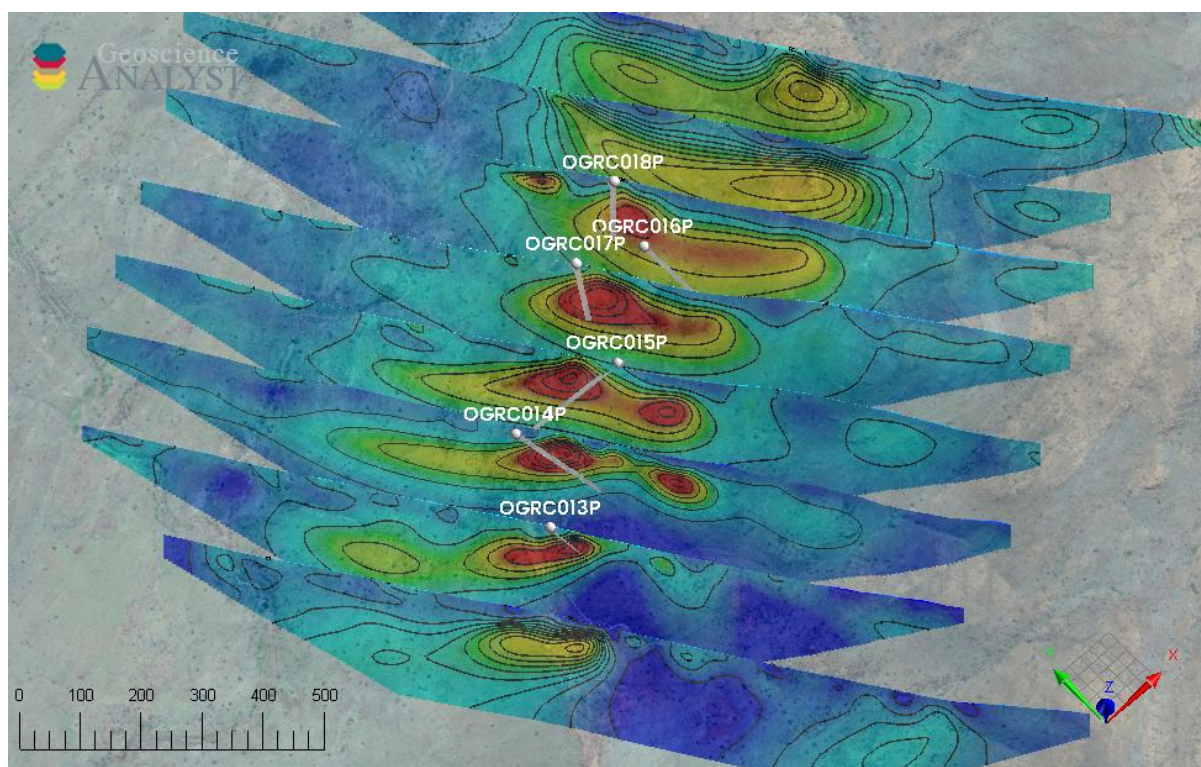


Figure 2 – Planned drill holes, targeting higher chargeability anomalies (legend is in metres).

HoleRef	East	North	RL	Total Dept	Dip	Azi_TN	Azi_MAG
OGR013P	485069	7442172	813	200	-60	148	142
OGR014P	485143	7442333	803	250	-55	148	142
OGR015P	485348	7442306	812	300	-60	310	304
OGR016P	485513	7442419	835	350	-65	148	142
OGR017P	485407	7442469	851	250	-85	148	142
OGR018P	485552	7442532	848	250	-90	148	142

Table 1 – Drill Collars, depths (metres) and Azimuth.

Cautionary Statement

This announcement contains forward-looking statements that involve known and unknown risks, uncertainties and other factors that may cause actual results, performance or achievements to differ materially from those expressed or implied. Such statements include but are not limited to, interpretations of geophysical data, planned exploration activities, and potential mineralisation outcomes. Forward-looking statements are based on Litchfield

Minerals Limited's current expectations, beliefs, and assumptions, which are subject to change in light of new information, future events, and market conditions. While the Company believes that such expectations and assumptions are reasonable, they are inherently subject to business, geological, regulatory, and operational risks. Exploration results discussed in this announcement do not guarantee the definition of a mineral resource or ore reserve under the JORC Code (2012 Edition). Further work, including drilling, is required to determine the economic significance of any anomalies identified. Investors should not place undue reliance on forward-looking statements. Litchfield Minerals Limited disclaims any obligation to update or revise any forward-looking statements to reflect events or circumstances after the date of this announcement, except as required by law.

About Litchfield Minerals

Litchfield Minerals is a critical mineral explorer, primarily searching for base metals and uranium out of the Northern Territory of Australia. Our mission is to be a pioneering copper exploration company committed to delivering cost-effective, innovative and sustainable exploration solutions. We aim to unlock the full potential of copper and other mineral resources while minimising environmental impact, ensuring the longevity and affordability of this essential metal for future generations. We are dedicated to involving cutting-edge technology, responsible practices and stakeholder collaboration drives us to continuously redefine the industry standards and deliver value to our investors, communities and the world.

The announcement has been approved by the Board of Directors.

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Follow us on:www.litchfieldminerals.com.auhttps://twitter.com/Litchfield_LMS<https://www.linkedin.com/company/litchfield-minerals-limited/>**Competent Person's Statement**

The information in this Presentation that relates to Exploration Results is based on, and fairly represents, information and supporting documentation compiled by Mr Russell Dow (MSc, BScHons Geology), a Competent Person who is a Member of the Australian Institute of Mining and Metallurgy (AUSIMM) and is a full-time employee of Litchfield Minerals Limited. Mr Dow has sufficient experience that is relevant to the style of mineralisation and types of deposits under consideration and to the activity being undertaken 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" (JORC Code). Mr Dow consents to the inclusion in the report of the matters based on his information in the form and context in which it appears. With regard to the Company's ASX Announcements referenced in the above Announcement, the Company is not aware of any new information or data that materially affects the information included in the Announcements.