ASX ANNOUNCEMENT 30 June 2026

Litchfield Advances Exploration Strategy through Ground Geophysical Surveys

Three ground geophysical surveys scheduled to commence in July will provide the first field-based test of Litchfield's exploration framework, supporting the next phase of exploration across the Oonagalabi and Silver Valley projects.

HIGHLIGHTS

- First field-based testing of Litchfield's belt-scale mineral systems framework, developed through the **BHP Xplor program,** commences in early July
- Combined magnetotelluric (MT) and gravity survey to test a 2.5km-deep conductivity anomaly at Oonagalabi and refine priority exploration targets
- Induced polarisation (IP) survey to commence at Silver Valley, targeting extensions to high-grade silver, lead and copper mineralisation following rock chip results of up **to 378g/t Ag and 44.9% Pb**
- Results from the Silver Valley IP survey expected by the end of July.
- Survey design builds on the proven deep-imaging approach used in the 09GA-GA1 deep crustal seismic reflection line to extend comparable subsurface coverage across Litchfield's tenure
- MT and gravity survey supported by up to **A$100,000** in co-funding from the Northern Territory Geological Survey under Round 19 of the Geophysics and Drilling Collaborations (GDC) program
- MT Surveys results expected during Q3 2026 to guide the next phase of exploration and drill targeting

OVERVIEW

Litchfield Minerals Limited (ASX: LMS) ("Litchfield" or "the Company") is pleased to advise that three ground geophysical surveys are scheduled to commence in early July 2026, marking the next phase of testing the Company's recently established exploration framework across its Northern Territory projects.

Building on the belt-scale mineral systems framework established through the BHP Xplor Program,[1] the program comprises a combined magnetotelluric (MT) and gravity survey at the Oonagalabi Project in the

[1] *LMS ASX Announcement: Harts Range: Defining a New Copper-Nickel Discovery District; dated 18 June 2026.*

Harts Range corridor, to be undertaken by Planetary Geophysics, together with an induced polarisation (IP) survey at the Silver Valley Project, to be completed by Australian Geophysical Services.

The surveys represent the first field-based test of the belt-scale mineral systems framework developed though the BHP Xplor Program. The work will validate the geological model in the field, reduce geological uncertainty and refine priority exploration targets to support future drilling.

Litchfield Managing Director, Matthew Pustahya said:

"The completion of our mineral systems framework marked an important milestone for Litchfield. This next phase is about testing that model in the field and using the results to progressively refine our exploration targets across Harts Range and Silver Valley.

By investing in high-quality geological and geophysical data, we're building a stronger technical foundation for future exploration. This systematic approach will help us better understand the geology, reduce exploration risk and ensure capital is directed to the highest-priority opportunities."

BHP XPLOR AND THE MINERAL SYSTEMS APPROACH

Litchfield's exploration strategy is built around a belt-scale mineral systems framework, refined through the Company's participation in the BHP Xplor program. Rather than evaluating individual prospects in isolation, the framework considers the broader Aileron–Irindina corridor as an integrated mineral system, while continuing to advance priority prospects including Oonagalabi.

By integrating magnetotelluric (MT), gravity, structural and isotopic datasets into a single geological framework, Litchfield has developed a more complete understanding of the geological controls on copper and nickel mineralisation across its Harts Range tenure.

The MT and gravity surveys in the Oonagalabi area represent the next stage in testing this framework, with the objective of reducing geological uncertainty before drilling and refining high-priority exploration targets.

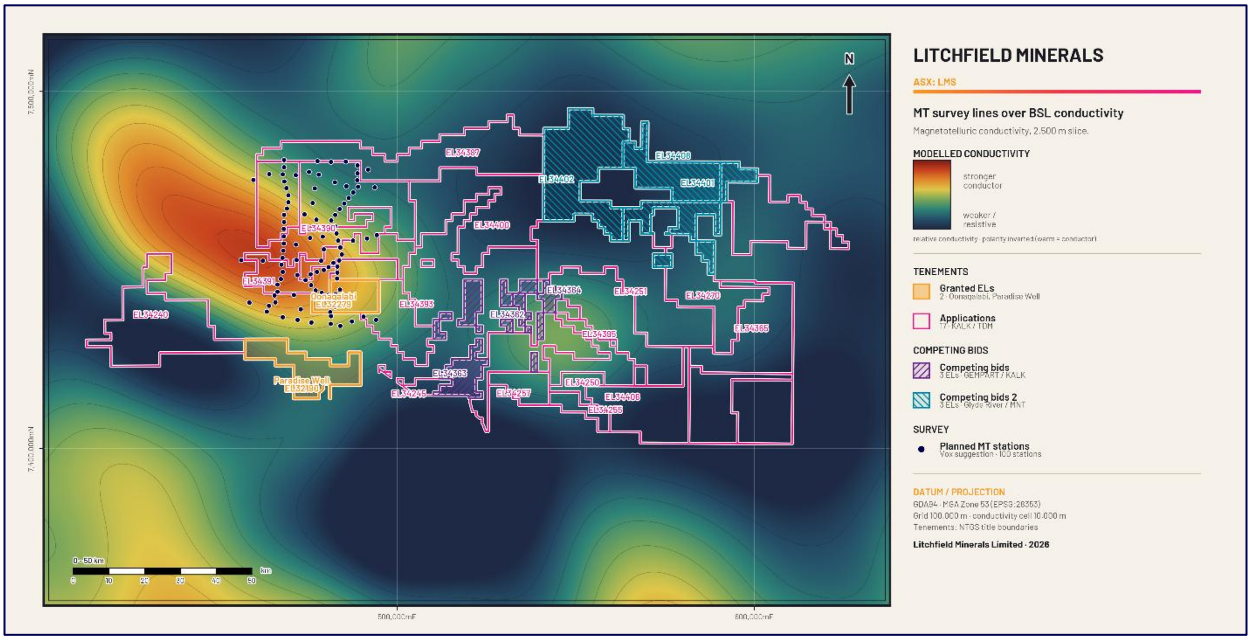
MAGNETOTELLURIC AND GRAVITY SURVEY

The combined MT and gravity survey has been contracted to Planetary Geophysics and is scheduled to begin on or around 3 July 2026.

It will test the western group of tenements near Oonagalabi, where previous work identified a conductivity anomaly at approximately 2.5km depth (**Figure 1**). The program aims to better define the geometry and depth extent of this anomaly beneath shallow cover and refine priority exploration targets.

The survey builds on the deep-imaging approach used on the 09GA-GA1 deep crustal seismic reflection line, extending comparable subsurface coverage across Litchfield's tenure. The MT data will be acquired at 1-2km station spacing and gravity at 500m station spacing. The survey design was completed by Dr Kate Selway of Vox Geophysics, who will also process and invert the data.

Acquisition is expected to take approximately 30 to 40 days, with completion anticipated in mid to late August 2026 and data processing undertaken in parallel. The survey is supported by up to A$100,000 in co-funding from the Northern Territory Geological Survey under Round 19 of the Geophysics and Drilling Collaborations (GDC) program. The competitive program supports exploration projects that improve geological understanding and mineral targeting in the Northern Territory, particularly in underexplored regions and at depth.



Modelled conductivity, 2,500 m slice (relative, polarity inverted so warm tones indicate stronger conductors). Two finalised MT traverses (MT 1, MT 2) near Oonagalabi. GDA94 MGA Zone 53 (EPSG:28353).

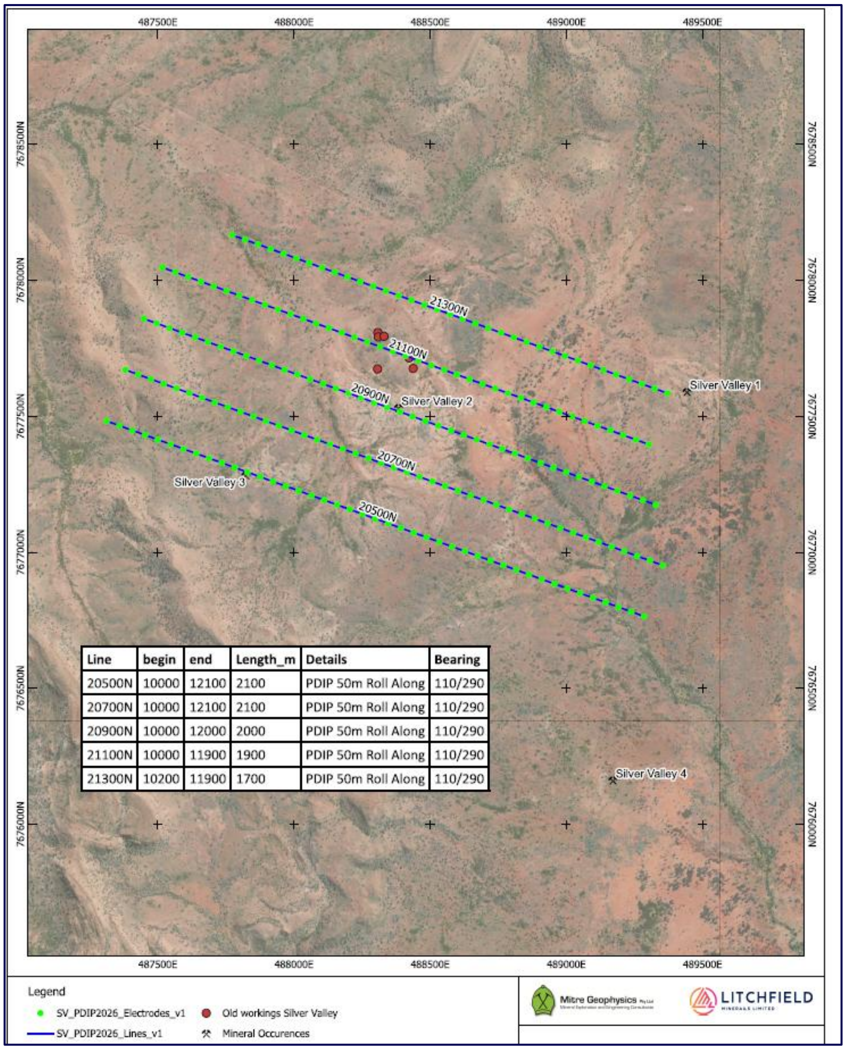
Figure 1: MT survey lines (MT 1 and MT 2) over modelled conductivity, 2,500m slice.

INDUCED POLARISATION SURVEY, SILVER VALLEY

An IP survey has been booked with Australian Geophysical Services at the Company's Silver Valley project (EL32241) and is scheduled to commence in early July 2026.

Silver Valley is a separate project in the southern Davenport Province, hosting epigenetic, structurally controlled, quartz-vein hosted silver, lead and copper mineralisation within the Murray Downs Dome. Previous reconnaissance rock chip sampling confirmed high-grade polymetallic mineralisation, including **378g/t Ag, 0.91g/t Au, 5.04% Cu** and **44.9% Pb** (sample SV2-04), and **128g/t Ag, 0.07g/t Au**, **0.02% Cu and 16.1% Pb** (sample SV3-01), as previously reported.[2]

Given the style of sulphide mineralisation, induced polarisation (IP) is well suited to identifying sulphide mineralisation beneath surface. The pole-dipole (PDIP) survey will test for extensions to the known high-grade mineralisation and refine priority exploration targets with potential for future drill testing (**Figure 2**).



Line	begin	end	Length_m	Details	Bearing
20500N	10000	12100	2100	PDIP 50m Roll Along	110/290
20700N	10000	12100	2100	PDIP 50m Roll Along	110/290
20900N	10000	12000	2000	PDIP 50m Roll Along	110/290
21100N	10000	11900	1900	PDIP 50m Roll Along	110/290
21300N	10200	11900	1700	PDIP 50m Roll Along	110/290

Figure 2: Silver Valley IP survey design

[2] *LMS ASX Announcement: Diamond and RC drill program completed at Oonagalabi and Silver Valley delivers high-grade silver-lead-copper results, dated 23 April 2026*. The Company is not aware of any new information or data that materially affects those results, and all material assumptions continue to apply.

AUTHORISATION

This announcement has been authorised for release by the Board of Litchfield Minerals Limited.

ABOUT LITCHFIELD MINERALS

Litchfield Minerals Limited (ASX:LMS) is a nimble, capital-efficient copper explorer in the Northern Territory, applying the disciplines used by major mining companies to discover and de-risk large-scale mineral systems. Our exploration strategy combines a Mineral Systems approach with structured decision gates, modern technology and rigorous capital allocation. Every exploration decision is guided by evidence, ensuring capital is deployed where it has the greatest potential to create value. By operating with the technical discipline, governance and decision-making processes expected by major mining companies, Litchfield is building high-quality exploration opportunities while positioning itself as a credible partner for future discovery.

PREVIOUSLY REPORTED INFORMATION

This announcement refers to exploration results and geophysical interpretations previously reported by the Company, including the magnetotelluric reinterpretation reported on 18 June 2026 and the Silver Valley rock chip results reported on 23 April 2026. The Company confirms that it is not aware of any new information or data that materially affects those announcements, and that all material assumptions underpinning them continue to apply and have not materially changed.

COMPETENT PERSON STATEMENT

The information in this announcement that relates to Exploration Results is based on, and fairly represents, information and supporting documentation compiled by **Dr. Matthew McGloin** (MGeol, PhD), a Competent Person who is a Member of the Australian Institute of Mining and Metallurgy (AusIMM) and a full-time employee of Litchfield Minerals Limited. Dr. McGloin 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 (the JORC Code). Dr McGloin consents to the inclusion in this announcement of the matters based on this 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.

FORWARD LOOKING STATEMENTS

This announcement may contain forward-looking statements that are subject to risks, uncertainties and other factors. Forward-looking statements include those that are predictive in nature, depend on or refer to future events or conditions, or include words such as may, will, expect, intend, plan, estimate, anticipate, believe, continue, target or similar expressions. Such statements are based on assumptions and judgements held by the company as at the date of this announcement and are not guarantees of future performance. Actual results may differ materially from those expressed or implied. Litchfield Minerals Limited does not undertake to update any forward-looking statement, whether as a result of new information, future events or otherwise, except as required by law or the ASX Listing Rules.