



LITCHFIELD
MINERALS LIMITED

HARTS RANGE · OONAGALABI CORRIDOR, NT

AILERON / IRINDINA PRESENTATION · 2026

CHASING COPPER AT THE CRUSTAL BOUNDARY

A belt-scale Cu-Ni-PGE thesis at the Aileron-Irindina boundary, assessed the way a major would assess it.

Come and see what we see.

DISCLAIMER

Nature of document. This presentation has been prepared and issued by Litchfield Minerals Limited (the Company). The information is in summary form and is not a complete or accurate representation of all matters a reader should consider in evaluating the Company. While management has taken care to ensure accuracy, the Company and its advisers have not independently verified all material contained herein.

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Exploration results, JORC Code and conceptual material. Exploration results referred to here have been previously released to ASX. Grades and resource figures attributed to third parties (for example Basil, Blackadder and Baldrick) are from prior public reporting by those parties and are not Litchfield estimates. Data and interpretation are kept separate throughout. The mineral systems framework, analogue comparisons and any reference to target scale are conceptual, are labelled as interpretation, and are not an Exploration Target or Mineral Resource under the JORC Code.

Landholding Figures

Approximate landholding includes granted tenements and exploration licence applications. Certain applications are subject to competitive assessment and regulatory approval, and there is no assurance they will be granted. Total landholding may therefore change.



• 2026 BHP XPLOR COHORT •

SELECTED INTO THE 2026 **BHP XPLOR** COHORT

One of a small group of global cohort, backed by BHP to accelerate discovery on the Aileron-Irindina boundary.



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BHP Xplor

BIG MINDSET, NIMBLE MACHINE



We think like a major

A whole belt assessed through a full mineral systems framework, from source to preservation.



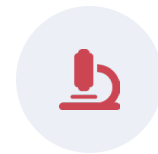
We run like a partner

Clean data, transparent governance and a technical model a major can rely on. Selected into BHP Xplor.



We control the ground

~10,000 km² consolidated in one corridor. Every tenement held for a stated geological reason.



We operate at a high standard

Understand, then drill. Capital moves only after the evidence and the decision gates say so.



— THE TEAM

BUILT AND LED BY PEOPLE WHO UNDERSTAND MINING & EXPLORATION



Dr Peter Eaglen

NON-EXECUTIVE CHAIRMAN

40+ years across mining and metals, most recently leading Board assurance at Rio Tinto. Deep HSE, closure and M&A due-diligence experience.



Prof. Mark Noppe

NON-EXECUTIVE DIRECTOR

40+ years in geoscience and orebody knowledge, advising resource owners, investors and lenders on resource definition and reporting.



Matthew Pustahya

MANAGING DIRECTOR

Field-first explorer across the NT and Mount Isa, with end-to-end program delivery on time and budget. MBA (MGSM) for disciplined capital allocation.



Matt McGloin

SENIOR GEOLOGIST

15+ years across commodities and deposit styles. PhD in orogenic mineral systems; expertise in hydrothermal copper and magmatic nickel sulphides.

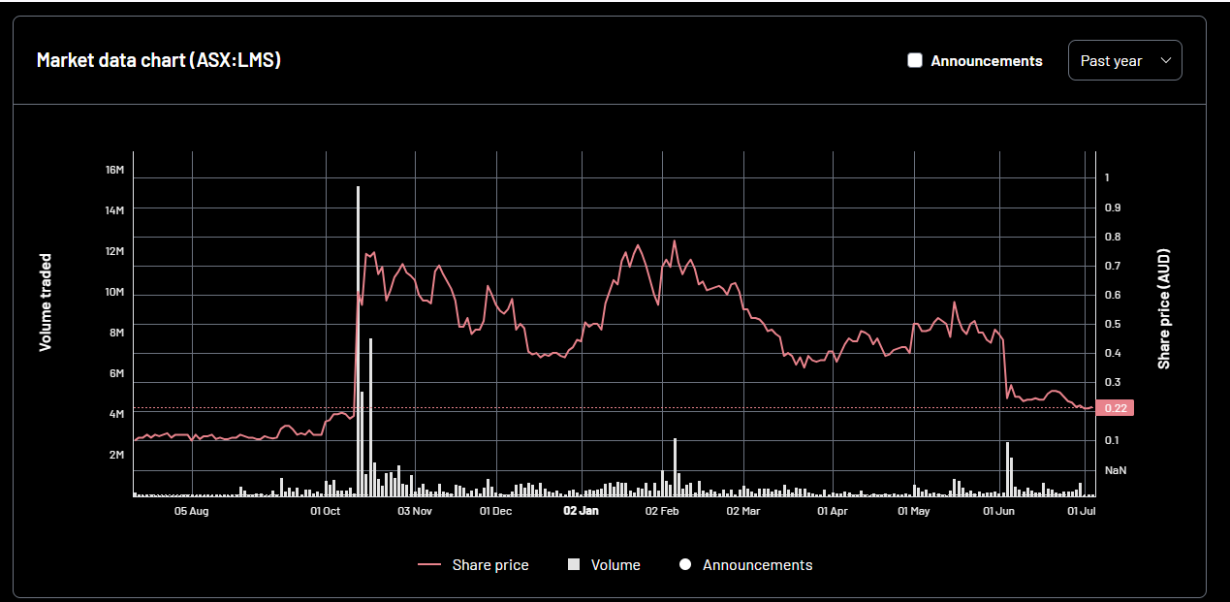


TIGHTLY HELD AND WELL FUNDED

Indicative figures. Update to the current date before issue.

ASX: LMS	LISTING
~\$13.7M	MARKET CAPITALISATION
~\$4.5M	CASH ON HAND
~65M	SHARES ON ISSUE
~21c	SHARE PRICE
~\$9.2M	ENTERPRISE VALUE

12-MONTH SHARE PRICE



ASX: LMS · past 12 months, to 01 Jul · last ~21c - Disclaimer: Cash balance is unaudited as at 9.7.26. Share price reflects the closing market price from 8 July 2026.

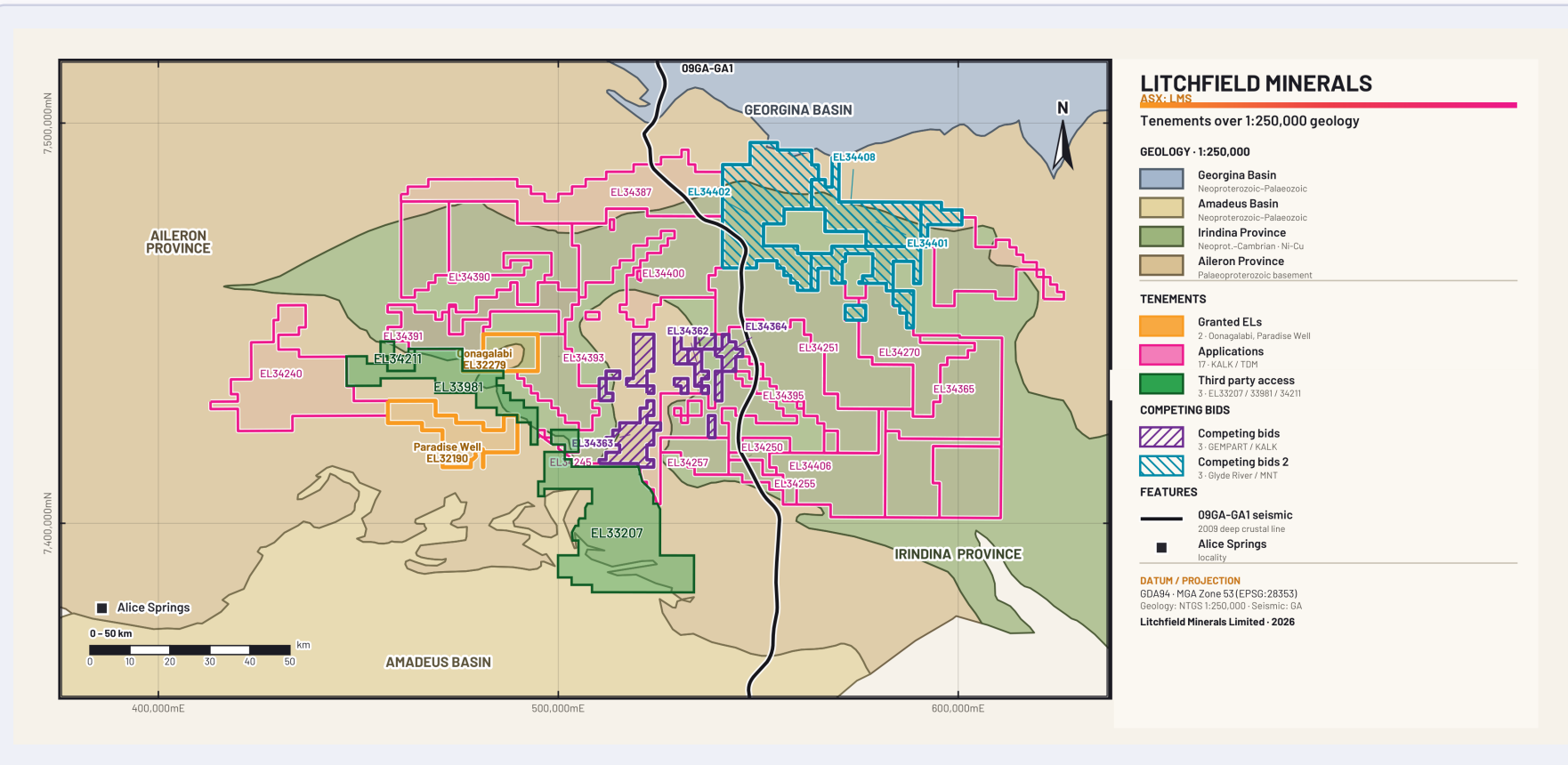
SHARE REGISTER

TOP 50 HOLD 63.3% · 65,291,058 SHARES

11.7%	51.7%	36.6%
Directors	Top 50 (ex-directors)	Other holders
7,645,088	33,922,018	23,973,952

THE AILERON-IRINDINA BOUNDARY, NT

A single, contiguous corridor in the eastern Arunta of the Northern Territory, north-east of Alice Springs, straddling the boundary between the Aileron and Irindina provinces.



Northern Territory

Eastern Arunta, north-east of Alice Springs

Aileron-Irindina

Held across the province-boundary corridor

+11,000 km²

Granted ELs, applications and third-party access

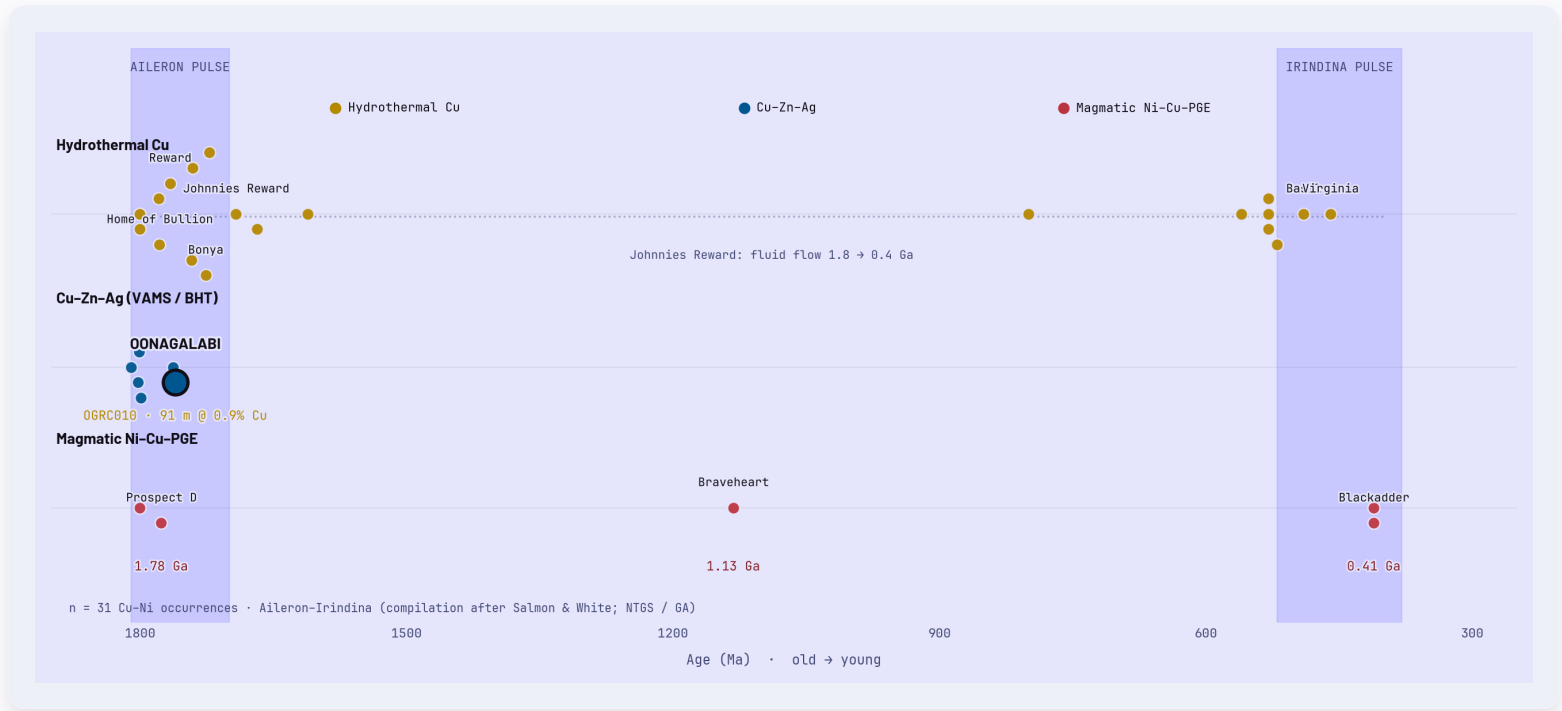
Deep Crustal control

Sitting on deeply seated crustal architecture



THE SYSTEMS THAT PRODUCED COPPER, REPEATEDLY

Two great magmatic pulses (1900-1700 & 500-400Ma) bracket the corridor, and copper is a repeat offender. Thirty-one **dated** Cu and Ni-Cu occurrences show these systems generated metal more than once, in more than one style.



CU-NI OCCURRENCES BY AGE AND STYLE · 1900 TO 250 MA

Data Sources: Geoscience Australia, Northern Territory Geological Survey, RAGS, and internal Litchfield Minerals geological interpretations and analysis.

DEMONSTRATED FERTILITY

Oonagalabi

91 m @ 0.9% Cu

OGRC010, LMS (ASX)

Blackadder

9.6% Cu · 3.8% Ni · 1.7 g/t PGE

ROCK CHIP, LLOYD EVENT

Basil

26.5 Mt @ 0.57% Cu, 0.05% Co (Inferred Mineral Resource Resource)

HYDROTHERMAL CU, INFERRED

1.8 Ga Cu

Jervois - Reward · Bonya · Home of Bullion

DISTRICT-SCALE, RECURRING

Oonagalabi: LMS, reported to ASX. Blackadder and Basil: prior public reporting (Mithril 2008, (Mithril 2008, 2012).

— MIGRATION

MANTLE-TAPPING STRUCTURE, IMAGED IN THE GRAVITY

THE BIG QUESTION

What are the deepest structures controlling Central Australia?

Deep, mantle-tapping structures persist through every filtered depth slice across the AOI.

N-S AND NNE GRAIN

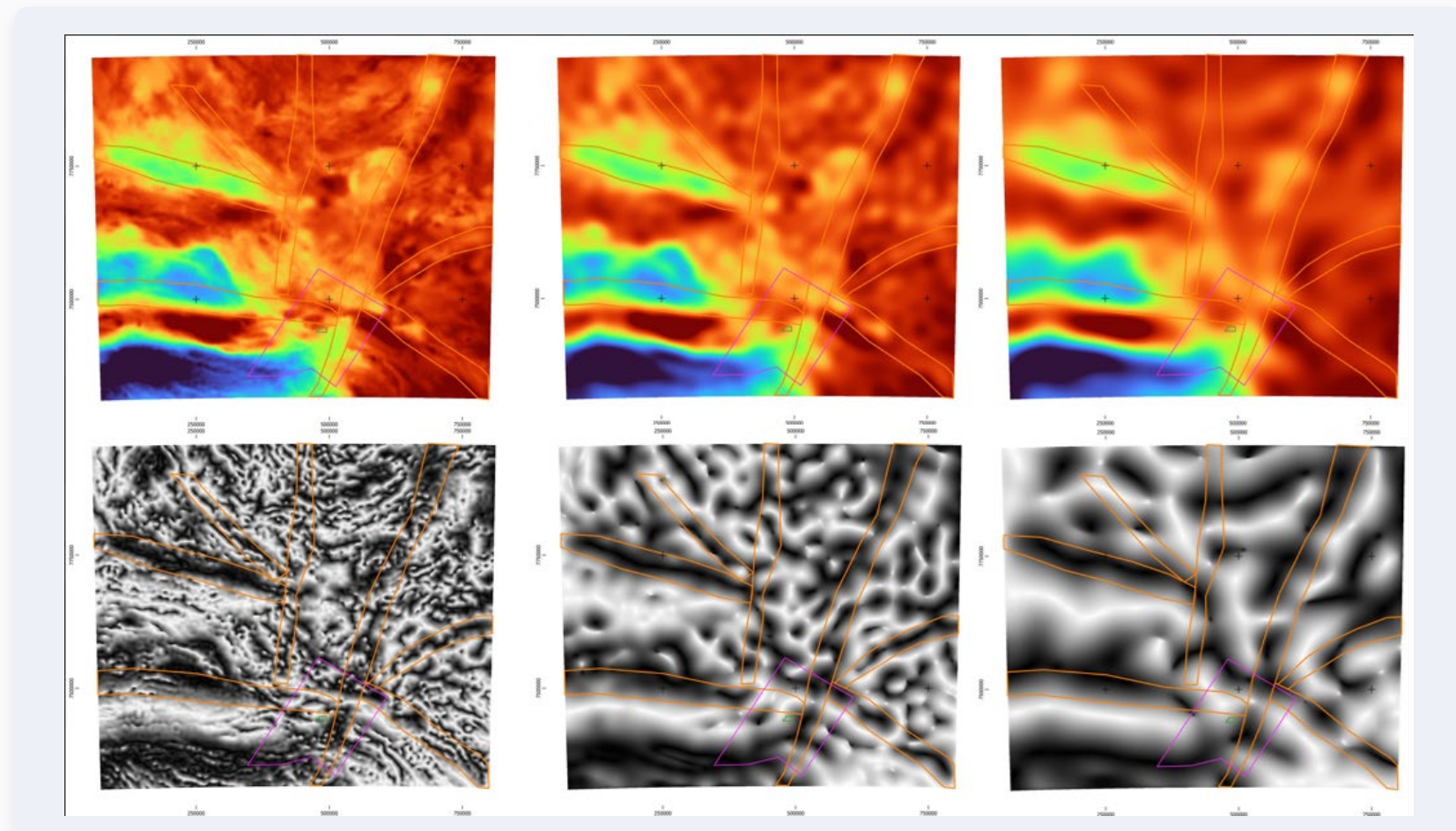
Strong N-S and NNE-trending anomalies split the western, better-known geology from the east, on a Tennant Creek to Alice Springs trend.

HIDDEN ELSEWHERE

These deep trends are effectively invisible in the magnetics and mapped geology, so a magnetics-led search would miss them.

WHY WE INVESTIGATED

Giant copper and copper-nickel systems are controlled by deep lithospheric architecture. Regional investigations have identified mantle-tapping structures capable of focusing magma, fluids and mineralisation.



PGN Geoscience (L. Ailleres) work completed for LMS · low-pass filtered Bouguer gravity. Interpretation of major structures (Orange polygons).



LOCAL MANTLE-TAPPING PLUMBING, IMAGED AT DEPTH

GRAVITY

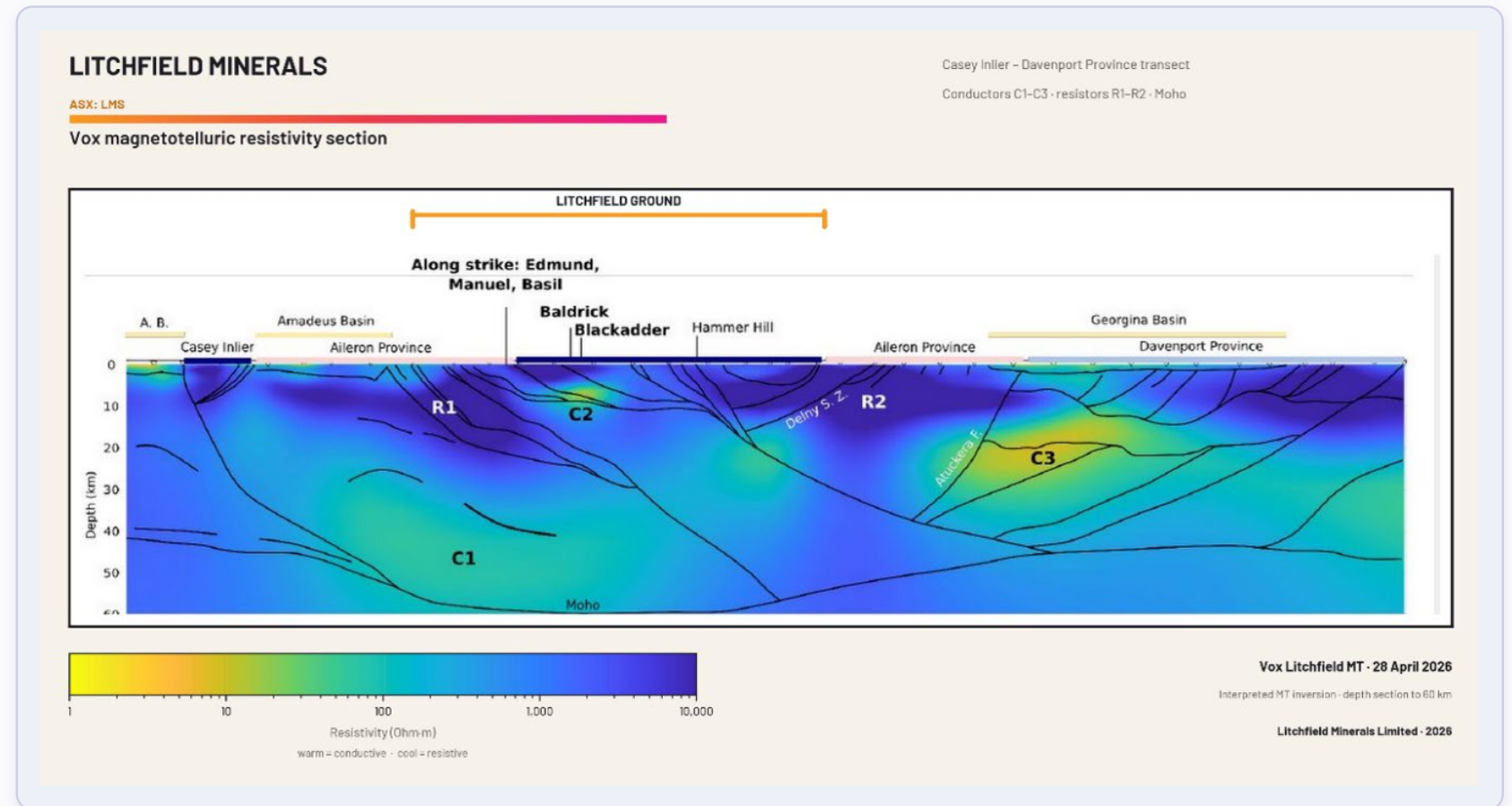
Deep gravity images N-S to NNE mantle-tapping corridors, largely invisible in the magnetics and mapped geology.

MAGNETOTELLURICS

The Vox MT section resolves resistors R1-R2 (fertile crust) and conductors C1-C3. C2 sits beneath the Baldrick-Blackadder Cu-Ni-PGE prospects, interpreted as mantle-derived sulphides/ graphite.

THE DISCRIMINATOR

Mantle-related mineralisation tracks the MT conductive boundaries; other styles do not. The architecture appears to track a mantle-sourced system specifically.



Interpretation. MT inversion by Vox Geophysics; non-unique and kept separate from measured data.

FLAGSHIP · DRILL-READY

OONAGALABI

A folded, sulphide-bearing copper system on major crustal architecture, expanding with every dataset.

Cu-Zn-Ag-Au



LITCHFIELD MINERALS · ASX: LMS

OONAGALABI

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SYSTEMATIC EXPLORATION SINCE NOVEMBER 2024



Surface geochemistry

203 soil · 28 rock chip samples



Drone magnetics

613-line km



Gravity, Bomb Diggity

231 stations



Pole-dipole IP

36.2-line km across key prospects



Airborne EM & mag

1,044-line km tenement-wide



Ground EM & DHEM

across VT1 and VT2 targets



Sentinel & hyperspectral

tenement-wide coverage



Drilling

28 RC holes ~6,500 m · 3 diamond ~1,200 m

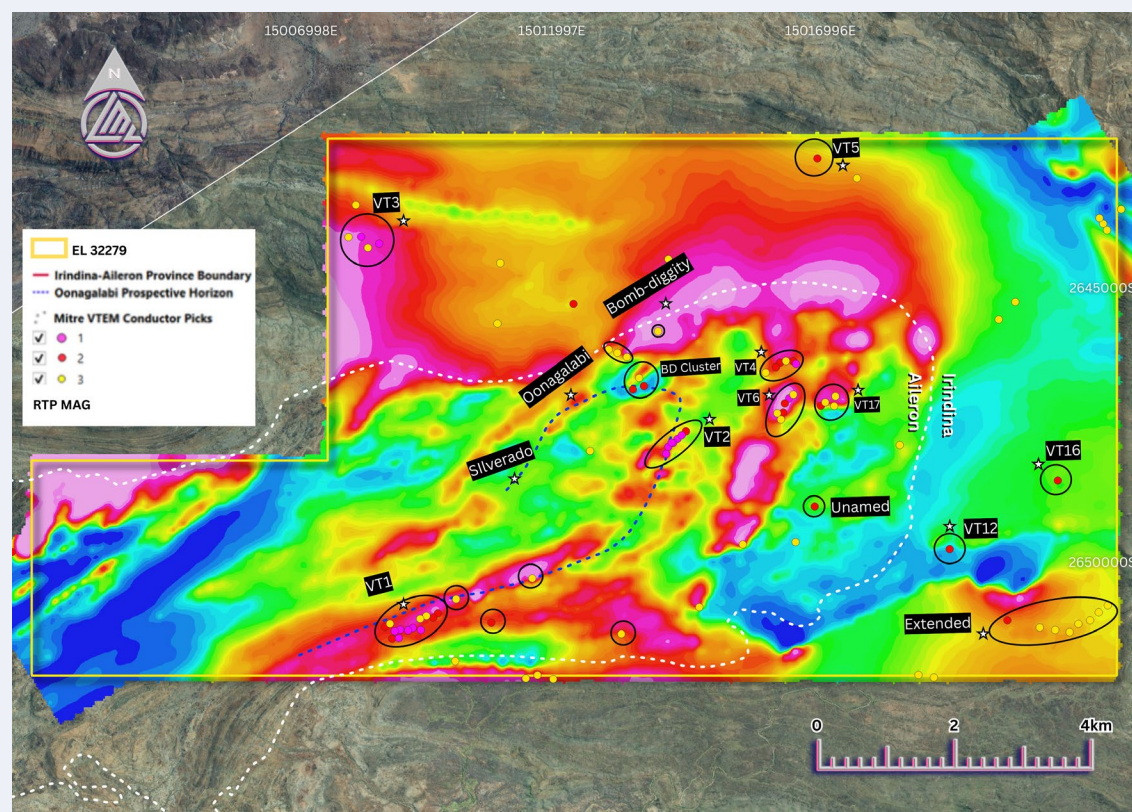




OONAGALABI · GEOPHYSICS

THE DEPOSIT MODEL IS EVOLVING

Oonagalabi was historically viewed as a simple carbonate-hosted stratiform system. New drilling and geophysics maybe pointing to something bigger, focused along the Aileron-Irindina province boundary.



BEYOND THE CARBONATES

New drilling and geophysics show mineralisation is not restricted to the carbonate units and multiple styles of mineralisation exist.

FEEDER-STYLE CONDUCTORS

VTEM priority conductors may represent feeder structures, or point to a larger, more complex mineralising system.

ADDED COMPLEXITY

Magnetite-Au-Bi mineralisation (OGRC002) suggests additional system complexity beyond the original model.

FOCUSED ON THE BOUNDARY

Vertically extensive magnetic anomalies focus along the Aileron-Irindina boundary. Oonagalabi now reads as part of a broader mineral system.

THICK COPPER INTERCEPTS, OPEN IN MULTIPLE DIRECTIONS



Litchfield has completed 20 drill holes across ~900m of the prospective formation, consistently intersecting broad copper-zinc mineralisation that remains open along strike and at depth.

The next phase will focus on refining the geological model and using targeted geophysics to identify the higher-grade core of the Oonagalabi mineral system

~1.5 km + strike

HEADLINE INTERCEPTS

OGRC017	161m @ 0.5% Cu, 1.0% Zn	OGRC004	63m @ 0.45% Cu, 0.4% Zn
OGRC010	91m @ 0.9% Cu, 1.3% Zn	OGRC003	53m @ 0.55% Cu, 0.44% Zn
OGRC016	91m @ 0.6% Cu, 1.0% Zn	OGRC001	31m @ 0.32% Cu, 1.0% Zn
OGRC014	90m @ 0.6% Cu, 1.8% Zn	OGRC006	35m @ 0.24% Cu, 0.77% Zn

COLLARS WITHIN THE OONAGALABI FORMATION OUTCROP · GDA94 MGA ZONE 53



LITCHFIELD MINERALS · ASX: LMS

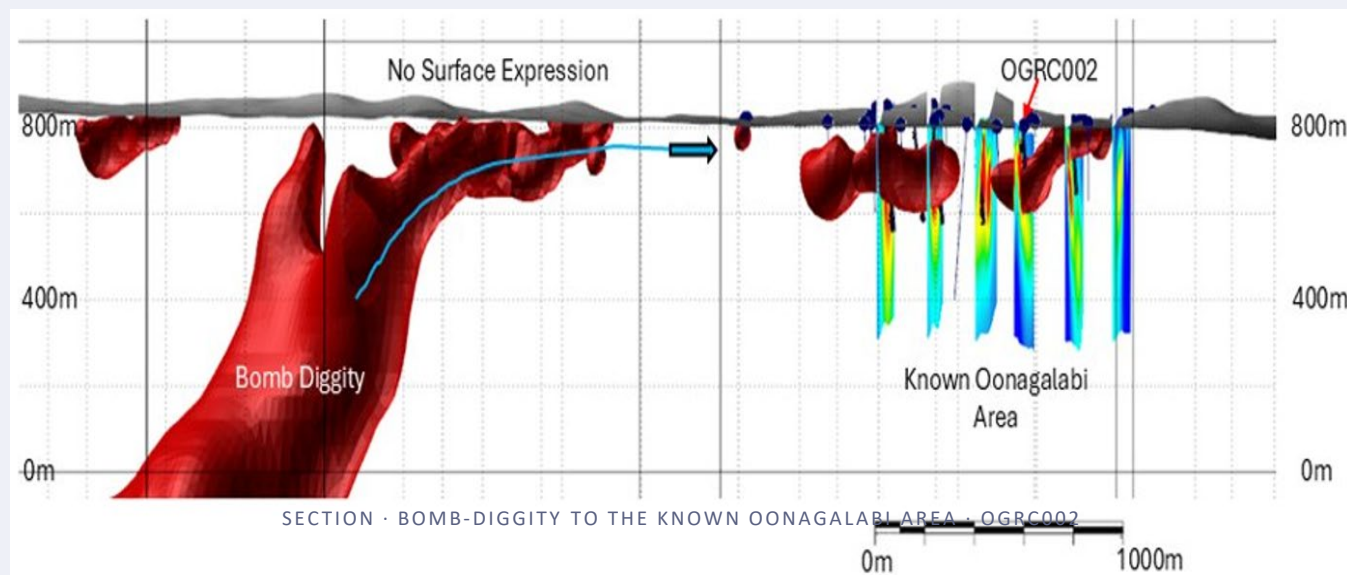
Reported to ASX (2025–2026). Widths are downhole; true widths not yet determined.

DRILLING RESULTS

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FURTHER EVIDENCE OF MULTIPLE PULSES

Intercept around 600 m from the Bomb-Diggity magnetic anomaly. Small, but a single interval potentially carries several mineralising events, direct support for the multiple-pulse model.



BOMB-DIGGITY

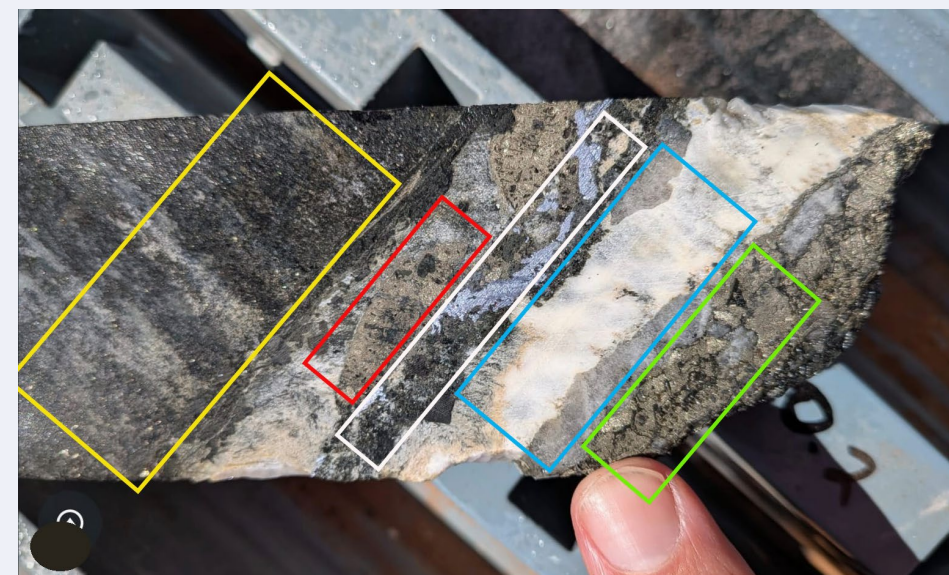
Large 1km + magnetic anomaly, 900m from the Oonagalabi area.

SMALL, BUT MULTI-PHASE

Quartz vein, Ni-sulphide, iron sulphides and molybdenite in one interval.

THE MAG WAS MISSED

The magnetic zones within the target were not tested. Bomb-Diggity stays open.



LOGGED CORE · MINERAL ID VISUAL/INTERPRETIVE, ASSAYS PENDING

■ Quartz vein	■ Ni-sulphide	■ Foliated gneiss
■ Iron sulphides	■ Molybdenite	

NEW DATA, NEW DISCOVERIES



Induced polarisation expanded the system

Mapped the Oonagalabi horizon more than 1 km across the Main Zone, with potential extensions north and south toward VT1 and VT2.



Magnetics revealed the architecture

Highlighted deep-seated structures and intrusive domains, revealing a more extensive and structurally complex system than previously recognised.



VTEM unlocked blind mineralisation

Identified previously unrecognised conductors and blind sulphide mineralisation on the Irindina and Aileron, beyond the known horizon.



Drilling found new styles

New semi-massive to massive sulphides have been identified within mafic units, highlighting further mineralisation styles within the Oonagalabi system.

WHAT'S NEXT ACROSS THE CORRIDOR



WHY LITCHFIELD, WHY NOW

Copper leverage

Direct exposure to copper and the metals of electrification, in a proven Cu-Zn corridor that keeps expanding.

De-risked by understanding

Source to preservation mapped as one system. MT, gravity and structure integrated before drilling.

Clear catalysts

A deep geophysics survey underway and drill targets lined up to test the deeper architecture.

Scale, not a single prospect

A district-scale mineral system with two independent copper plays and a concealed system at depth.

Partner-ready

BHP Xplor participation - Building the systems, data and governance standards expected by a major.

The right team

Field-first geologists and experienced directors, aligned and disciplined on capital.

COMPETENT PERSON STATEMENT AND REFERENCES

COMPETENT PERSON STATEMENT — EXPLORATION RESULTS

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.

PREVIOUSLY REPORTED INFORMATION

Exploration results in this presentation were previously reported to the ASX by Litchfield Minerals Limited or by prior tenement holders. The Company confirms it is not aware of any new information or data that materially affects the information in the original market announcements, and that all material assumptions and technical parameters underpinning those results continue to apply and have not materially changed. All intercepts are reported as downhole widths; true widths are not yet determined. Announcements are available at www.asx.com.au (ASX: LMS).

FORWARD-LOOKING STATEMENTS

This presentation contains forward-looking statements regarding Litchfield's projects, plans and expectations. These reflect assumptions and judgements as at the date of the presentation and are subject to risks and uncertainties that may cause actual results to differ materially. Forward-looking statements are not guarantees of future performance and should not be unduly relied upon. The Company does not undertake to update them except as required by law.

REFERENCES & DATA SOURCES

- Litchfield Minerals Limited ASX announcements (ASX: LMS).
- Structural interpretation – PGN Geoscience (L. Ailleres).
- Magnetotelluric survey and inversion – Vox Geophysics (K. Selway).
- Sm-Nd isotope work – Remote Area GeoScience, NTGS & GA databases.
- Prior Oonagalabi drilling and reporting – Mithril Resources Ltd and prior tenement holders.
- Regional geology and compilations – Northern Territory Geological Survey (NTGS).

