



**TALISMAN**  
MINING LIMITED

A well-funded explorer with a diversified portfolio in NSW and South Australia

# Breakthrough mineral discoveries on Australia's Eastern Seaboard

Diggers and Dealers 2024

[talismanmining.com.au](https://talismanmining.com.au)

ASX: TLM

# Investment Highlights



Highly prospective tenure across multiple projects in a Tier-1 jurisdiction



Active on-ground exploration



Multiple commodity exposure



Reliable funding – ongoing royalty revenue stream + strong cash balance



Systematic and methodical exploration approach



Focused and experienced team



Two significant discoveries in the first round of deeper, larger target testing



Large scale exploration and development opportunity in

- Cobar Basin – NSW
- Macquarie Arc - NSW
- Gawler Craton – South Australia



# The Talisman Investment Proposition

Well-funded, strong exploration DNA, highly leveraged to exploration success

## NSW Lachlan and Macquarie Arc

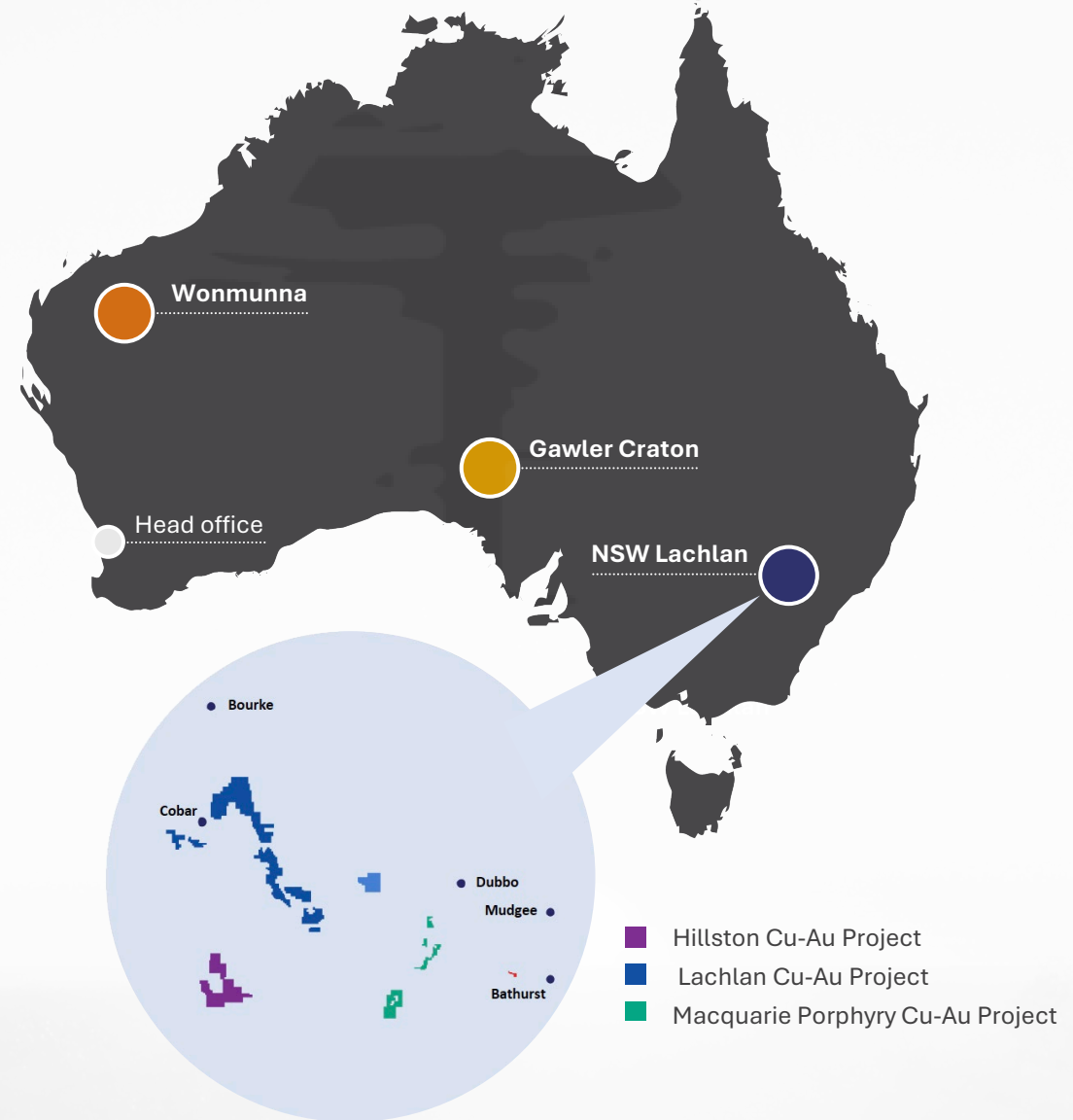
- Three projects covering ~6,200km<sup>2</sup>
- World-class metal province
- Major new phase of drilling planned
- Significant zones of high-grade lead-zinc-silver-copper-gold mineralisation at Durnings
- Exciting new project at Yarindury

## SA Gawler Craton

- Mabel Creek IOCG Project
- ~1,050km<sup>2</sup> in under-explored terrain
- Close to major world-class mines (Prominent Hill, Olympic Dam)

## WA Wonmunna Iron Ore Royalty

- Uncapped 1% gross revenue royalty
- Operated by Mineral Resources (ASX: MIN)
- Production commenced March 2021
- \$22.3m in receipts to date



# Our Purpose

To generate superior returns for our shareholders through the exploration, discovery, development and commercialisation of high-value mineral resource opportunities in base and precious metals with Australia.



## Safety

The safety and well-being of our people is at the forefront of everything we do. We will never compromise on safety and we will always stop work if it's not safe to continue.

## People

We aim to employ and retain the best people with the skills, belief and commitment to add value to our company.

## Accountability

We take ownership for ourselves and our work. We think and act like owners and will always strive to “do the right thing” for our business and our stakeholders.

## Integrity

We act with honesty, fairness and transparency and we are sensitive to the environment and communities in which we operate. We do what we say and we treat all stakeholders with dignity and respect.

## Innovation

We embrace innovation and strive for continuous improvement in everything we do.

# Corporate Overview

## Capital Structure

**188.3M**

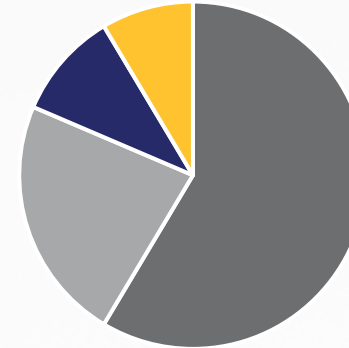
Shares on issue

**11.3M**

Unlisted options  
(Exercise Prices: 20.1c – 26.4c)

## Shareholder Ownership

- Board & Management
- HNW Investors
- Harmanis Holdings
- Retail



## Experience Board & Management



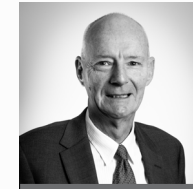
**Kerry Harmanis**  
Non-Executive Chairman



**Andrew Munckton**  
Managing Director



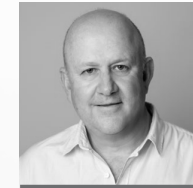
**Peter Benjamin**  
Non-Executive Director



**Brian Dawes**  
Non-Executive Director



**Jeremy Kirkwood**  
Non-Executive Director



**Tim Sharp**  
Exploration Manager

**A\$50.0M**

Market Capitalisation  
(26.5c/share – 1 July 2024)

**A\$6.0M**

Cash & Liquids  
(1 July 2024)


**Nil**

Debt

**A\$44.0M**

Enterprise value

# Wonmunna



Wonmunna Iron Ore Royalty

**1% (Uncapped)  
Iron ore royalty  
stream – Fully  
Funds exploration**

**Owned and operated by Mineral Resources in  
Pilbara of WA**

Part of MinRes Pilbara Hub. Ore mined and trucked to Port Hedland for shipping and sale. Wonmunna is the larger of the two mines (Iron Valley is the other) that supply ore for Pilbara Hub.

Pilbara Hub FY24 guidance 9.5-10.5Mt  
Wonmunna 50%-60% of feed.

FY25 guidance – TBA  
Iron ore Lump (15%) and Fines.

FY24 Ore Reserve 57Mt at 58% Fe

**Talisman royalty payments**

- FY24 A\$8.6M
- JQ24 A\$2.3M

# NSW Lachlan Project



NSW Lachlan Orogen

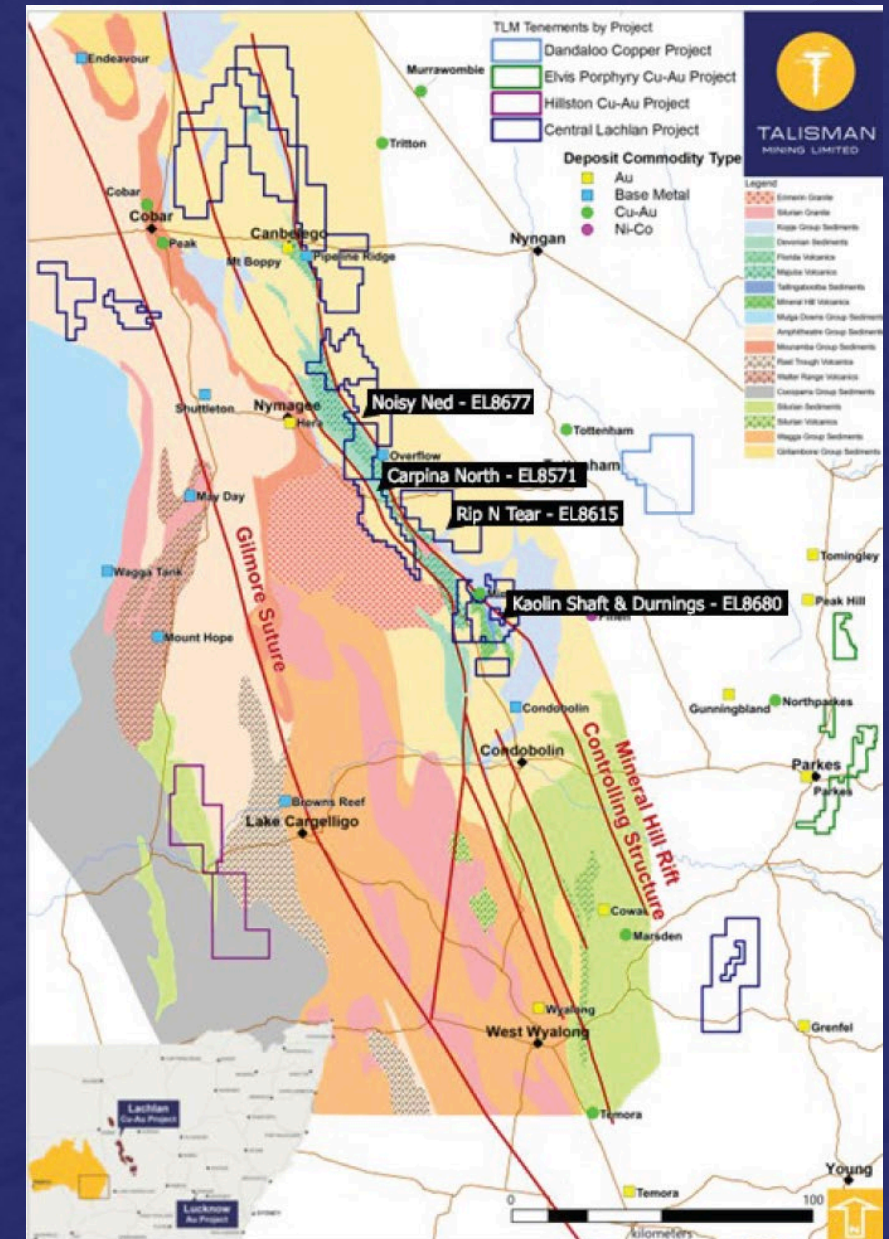


**Extensive and highly prospective base metals and copper-gold tenure in a world-class district**

# Lachlan Base Metals and Copper-Gold Project

## Extensive, high-quality portfolio in a world-class mineral districts

- Highly prospective ~6,000km<sup>2</sup> exploration portfolio in the Lachlan Fold Belt, NSW
- World-class mineral field, hosting numerous Tier-1 deposits:
  - Cadia, Cowal, North Parkes porphyry copper-gold
  - Cobar Basin Epithermal-style lead-zinc-silver-copper
  - Vein-style high-grade gold-silver
- Recent significant discoveries and mine developments:
  - Tomingley gold, Hera/Federation copper-lead-zinc-silver
- Talisman tenure spans significant controlling structures:
  - Areas under cover have not been well explored
  - All significant deposits are structurally controlled
- Exploration targeting using geophysics and structural geology
- Large-scale lead-silver-zinc system intersected at Rip N Tear
- Significant high-grade Zn-Pb-Ag-Cu-Au system intersected at Durnings

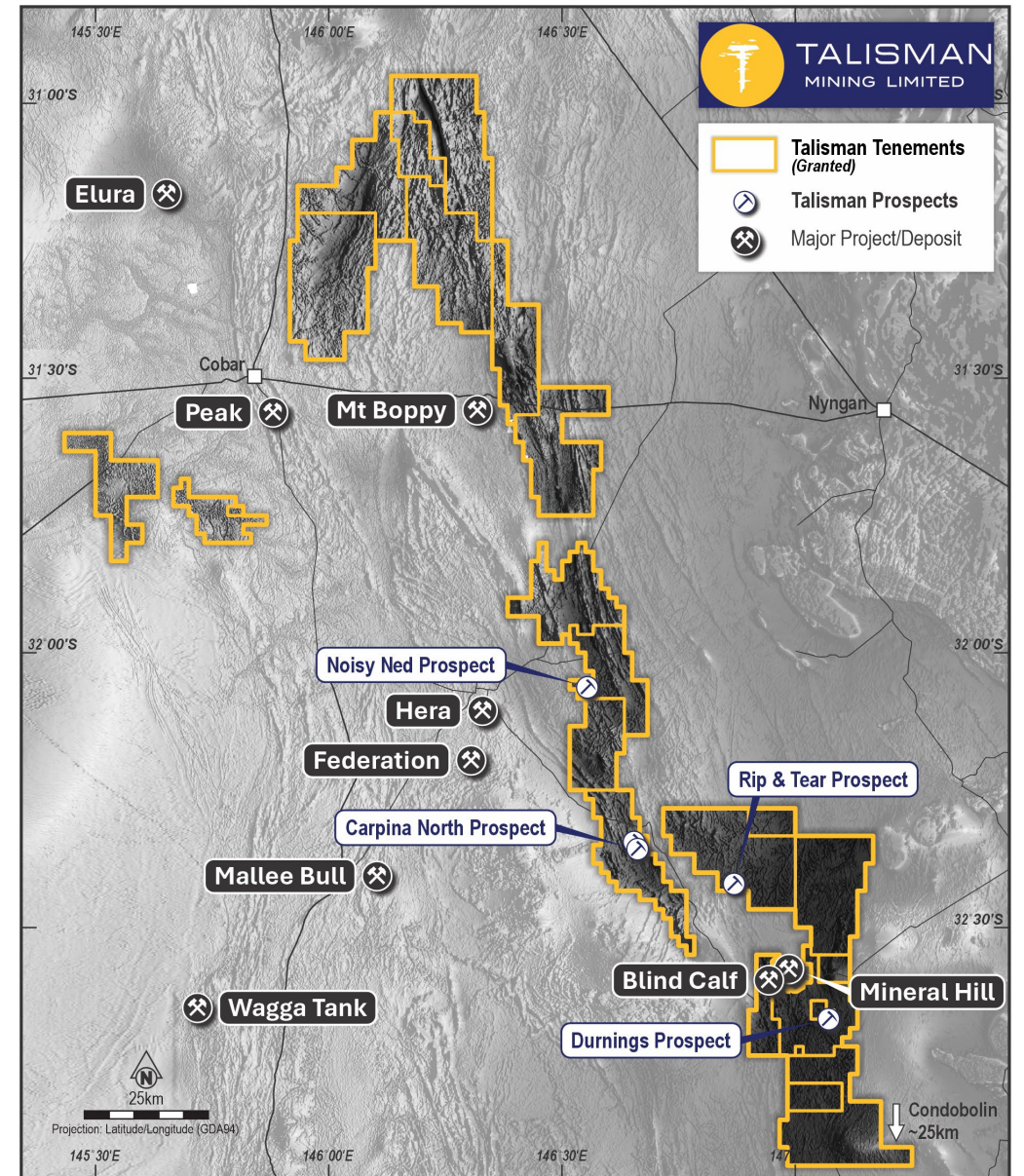




# Lachlan Base Metals and Copper-Gold Project

## Focused, Systematic, Cost-Effective Exploration

- Completed two regional scale airborne geophysical surveys in 2022:
  - **Falcon® Airborne Gravity Gradiometric (AGG) survey** - ~15,500kms @ 200m spacing
  - **VTEM™ Max Airborne Electromagnetic (AEM) survey** - ~6,300kms @ 200m spacing
- Interpretation of regional airborne geophysical surveys identified over **50 conductivity and gravity anomalies**
- **12** of these geophysical targets identified as drill ready and shortlisted for testing
- **15** Prospects identified as requiring ground geophysics – moving loop electromagnetic (MLEM) and Pole-Dipole Induced Polarisation (PDIP)
- **4** Prospects drill tested in FY 2024
  - Durnings – High grade Discovery Cu-Au and Pb-Zn-Ag
  - Rip n Tear – Extensive low grade Pb-Ag-Zn
  - Noisy Ned and Carpina North

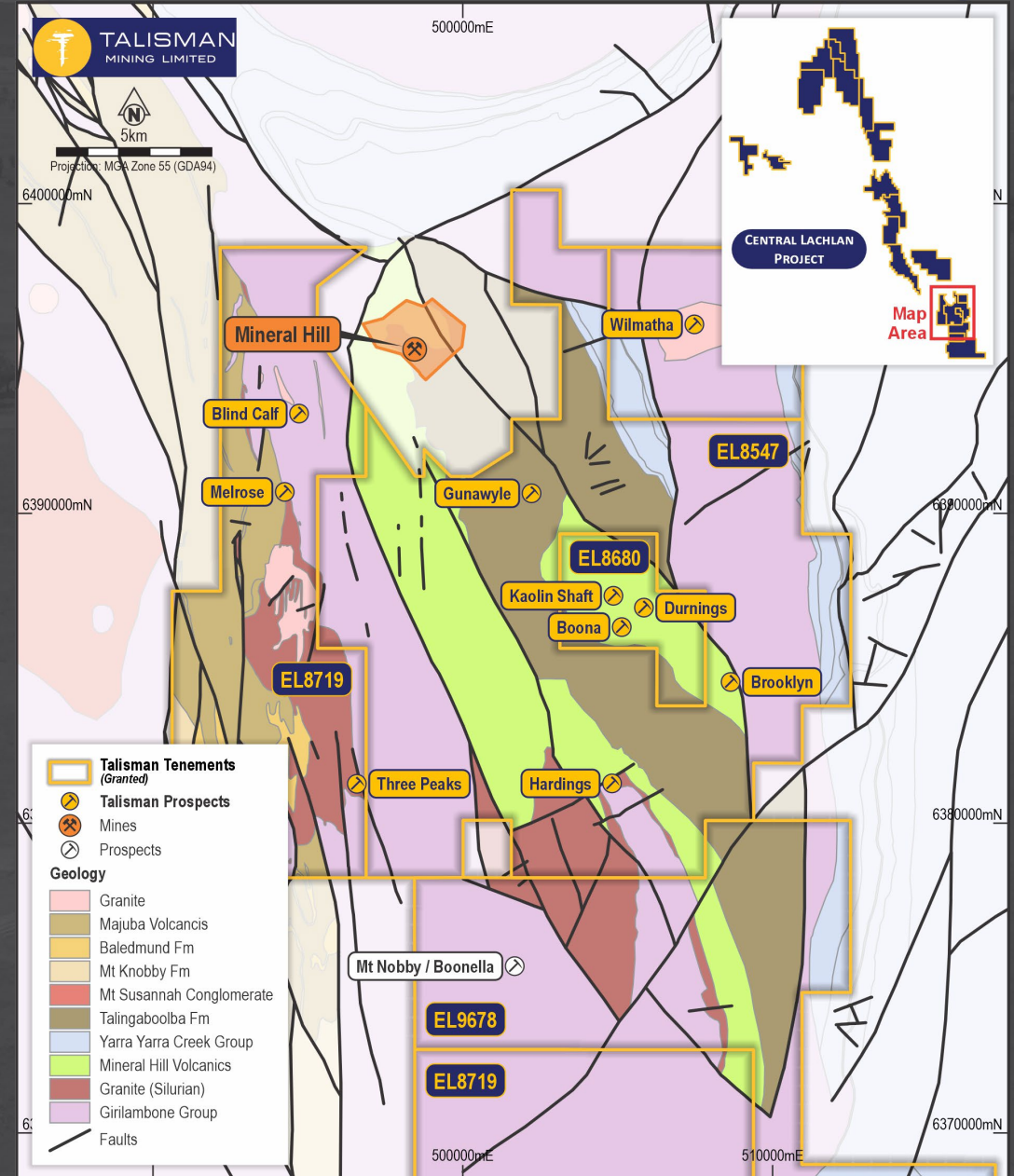


# Lachlan Project NSW

## Durnings Prospect

### Stage 1 – Scope the project size potential

- Canbelego - Mineral Hill Volcanic Belt
- Durnings Prospect associated with **strong base metals soil geochemistry**
- SE of Mineral Hill ( operated by Kingston Resources)
- 17Km strike length of the prospective Faults/Structure
- Dominant position over the most prospective ground
- **Large IP anomalies** –1.3km strike length implying substantial structurally controlled target –never tested
- Previous & Historical results
  - DRRC0001 - 8m at 6.3g/t Au, 0.77% Cu, 0.36% Zn, 6.3g/t Ag<sup>1</sup>
  - KSRC0008 - 32m at 0.37g/t Au, 1.25% Pb, 12.1g/t Ag<sup>2</sup>
- Potential to be
  - High Grade, moderate scale
  - Multiple complimentary deposits
  - Nearby established infrastructure



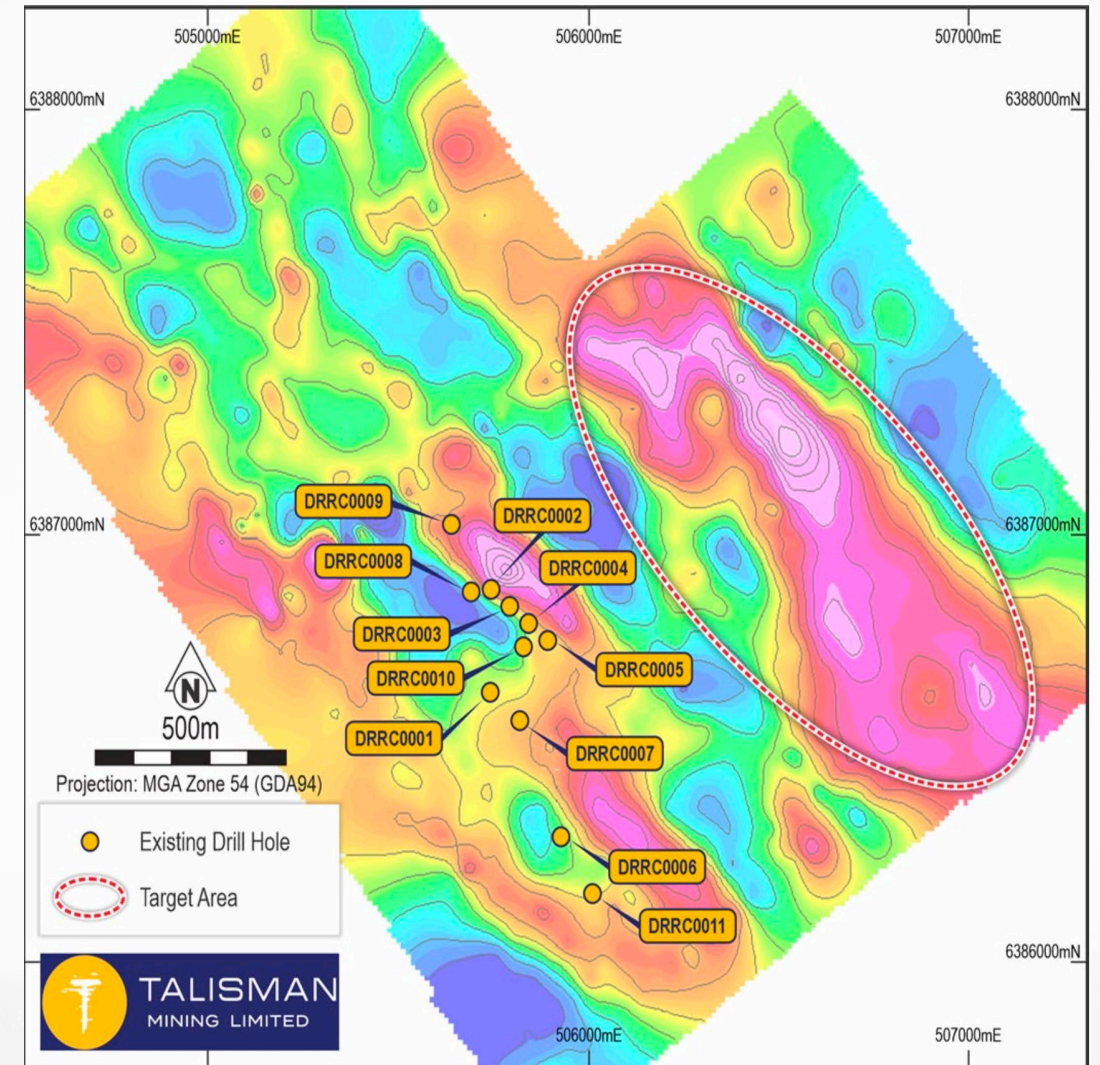
# Lachlan Project NSW

## Durnings Prospect



### Stage 2 – GAIP survey and Initial Drill Test

- Assess all historical data
- 5km x 4km surveyed by detailed GAIP shows several consistent chargeable positions.
- Initial Drill test at broad spacing -7 holes
- **DRRC0006 Results**
  - **Broad Zones** of near surface, **medium grade mineralization**
    - 24m at 1.5% Pb, 15.6g/t Ag, 0.2% Zn, 0.02% Cu, 0.04g/t Au from 18m
    - 40m at 2.4% Pb, 26.3g/t Ag, 1.4% Zn, 0.09% Cu, 0.44g/t Au from 246m<sup>1</sup>
  - **Narrow zones of high grade, underground mining grade ores**
    - 6m at 10.3% Pb, 126g/t Ag, 3.5% Zn, 0.4% Cu, 1.93g/t Au from 274m<sup>1</sup>
    - **Finished in mineralization** - extended with diamond core
- Other Targets
  - Larger and stronger second GAIP anomaly 800m east –RC Drill test
  - Other geophysical targets (VTEM) within the area – survey with detailed ground geophysics



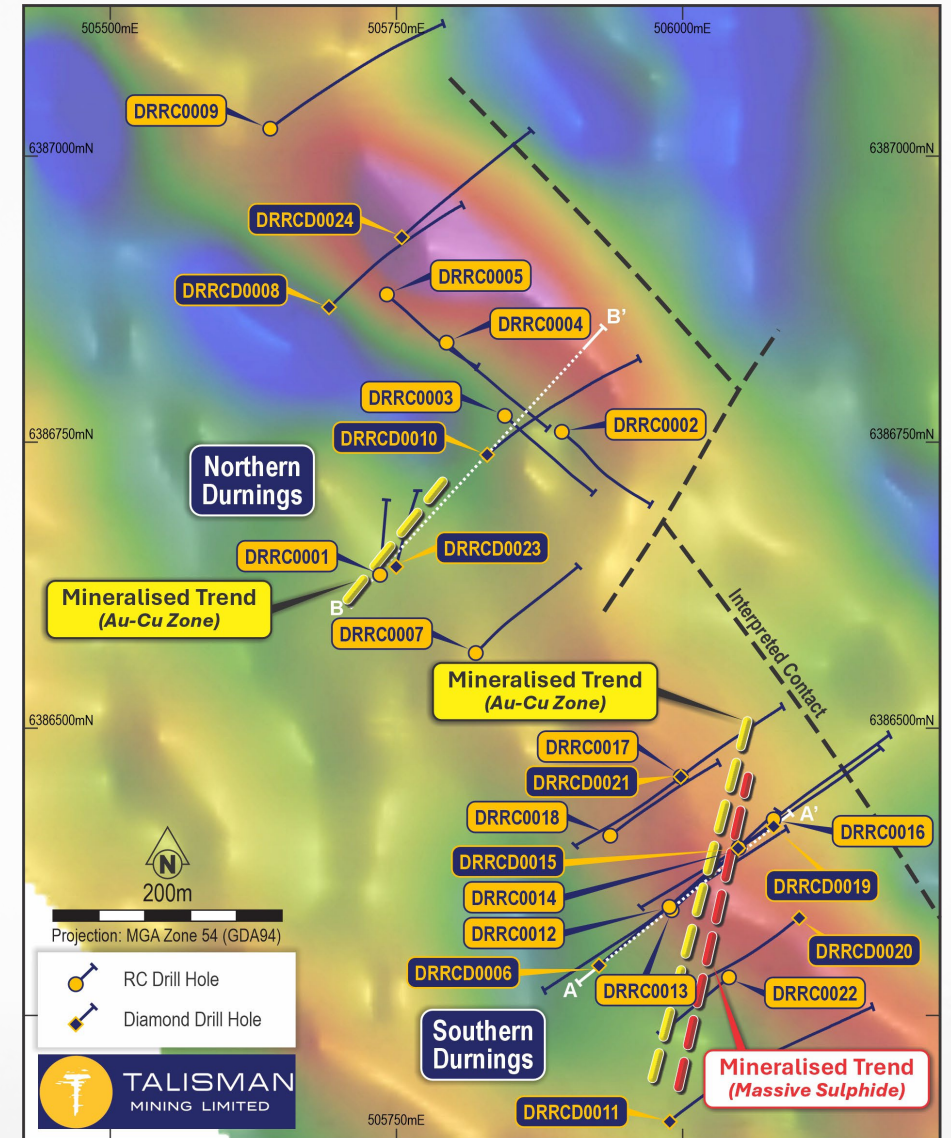
# Lachlan Project NSW

## Durnings Prospect

### Stage 3 – Follow Up Drill Test

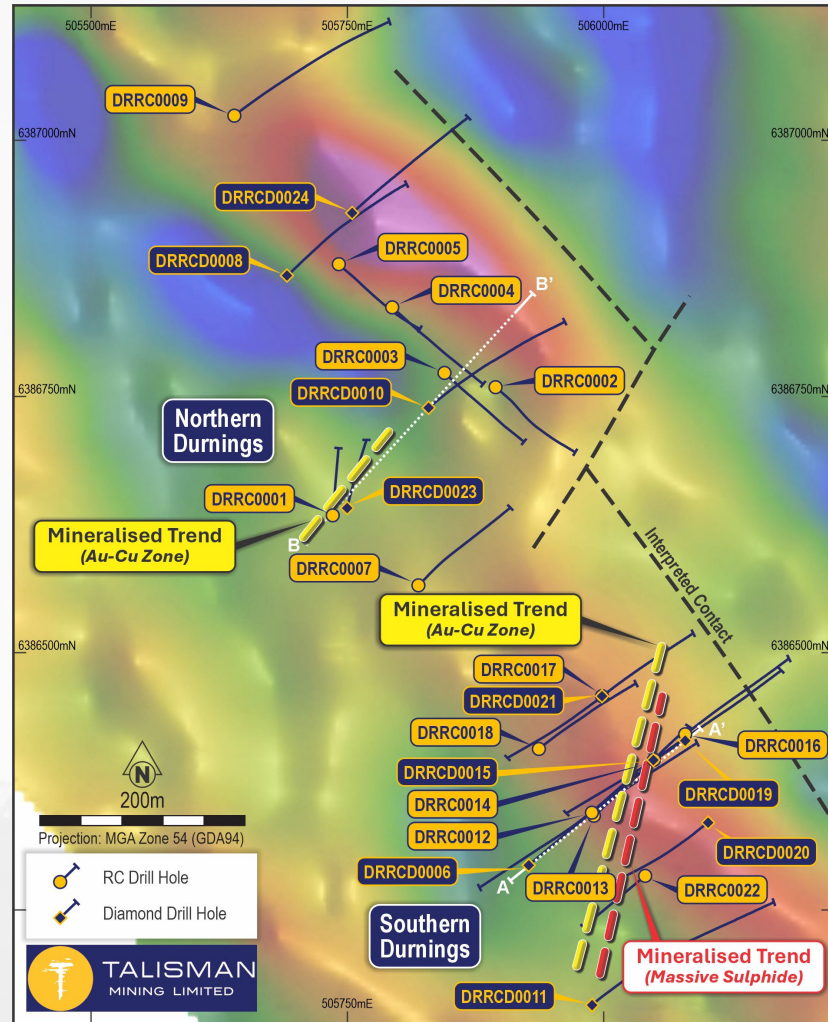
- Additional 13 RC and DD holes drilled
- Two new zones Discovered
- DRRCD0019 Results<sup>1</sup>
  - **Zone of high grade Base Metal mineralization**
    - 7.5m at 1.5% Pb, 2.2% Zn, 23.6g/t Ag, 0.30% Cu, 0.31g/t Au from 198m
    - 7.4m at 6.7% Pb, 2.9% Zn, 137g/t Ag, 0.20% Cu, 0.24g/t Au from 198m
  - **Zone high grade, Cu-Ag mineralisation**
    - 28m at 4.03g/t Au, 0.9% Cu, 3.8% Pb, 0.7% Zn, 26.5g/t Ag from 370m incl.
    - 10m at 7.94g/t Au, 1.0% Cu, 9.9% Pb, 1.5% Zn, 61.3g/t Ag from 374m
- DRDD0023 Results<sup>2</sup>
  - **Second Zone high grade, Cu-Ag mineralisation**
    - 4m at 12.6g/t Au, 0.5% Cu, 0.4% Pb, 0.6% Zn and 11.4g/t Ag from 90m
    - 13m at 1.35g/t Au, 0.3% Cu, 2.7% Pb, 0.3% Zn and 18.1g/t Ag from 65m
- Next Steps
  - **Diamond drilling follow up of the DHEM plates**

Note 1. ASX:TLM - 27 March & 29 April 2024. Note 2. ASX:TLM - 7 June 2024

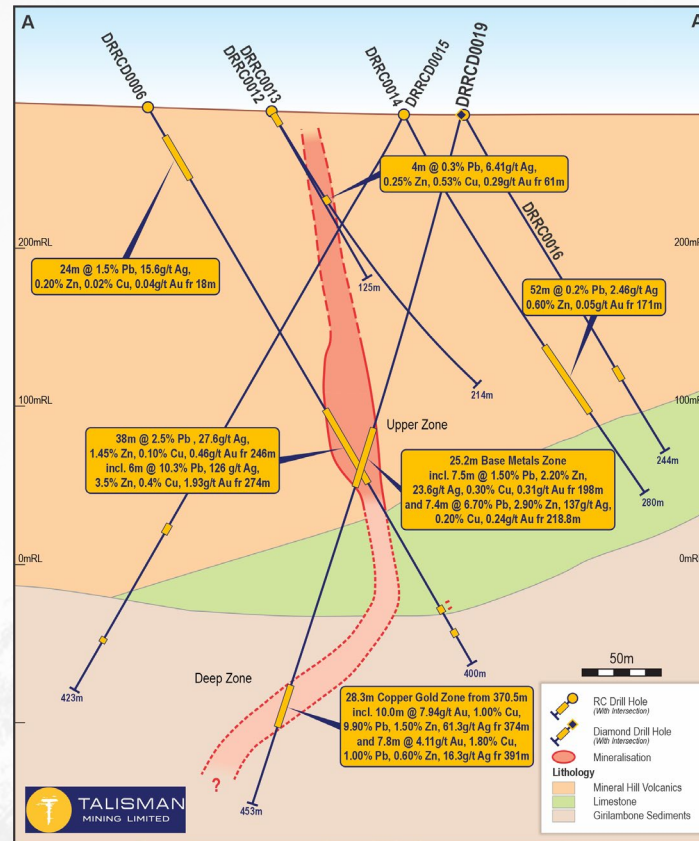


# Lachlan Project NSW

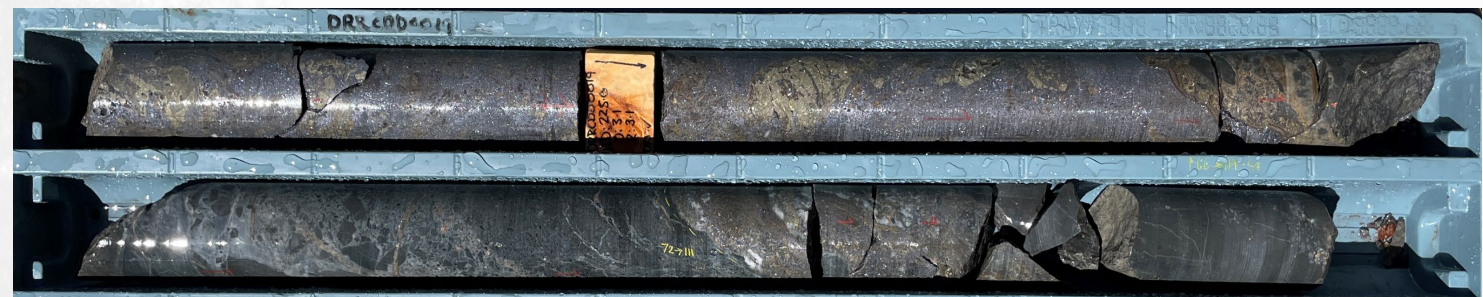
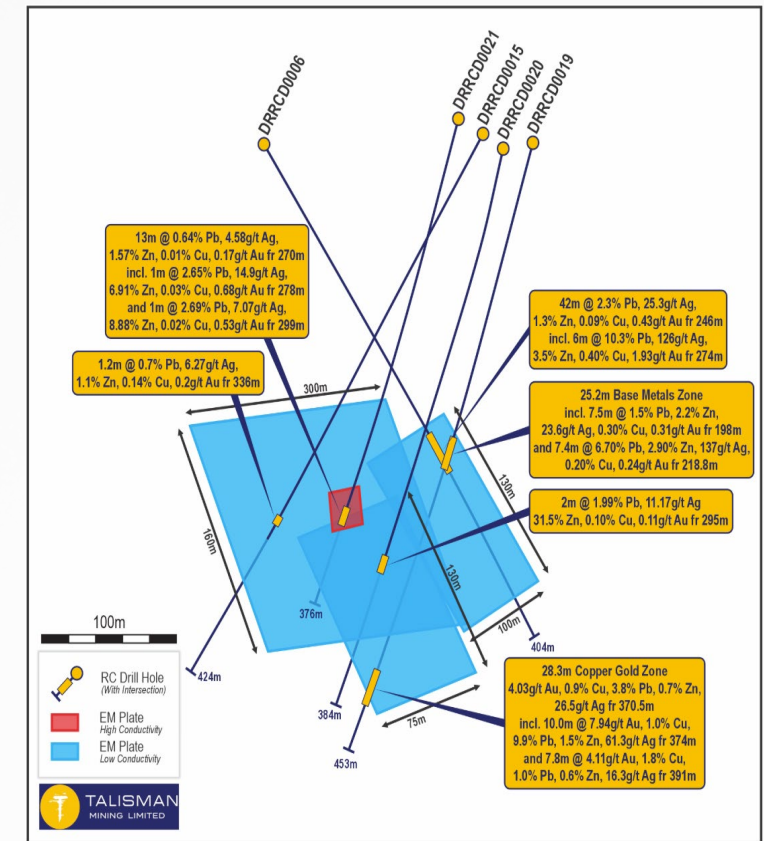
## Durnings Prospect



Durnings Interpreted Cross Section



Orthogonal View Southern Durnings DHEM plates



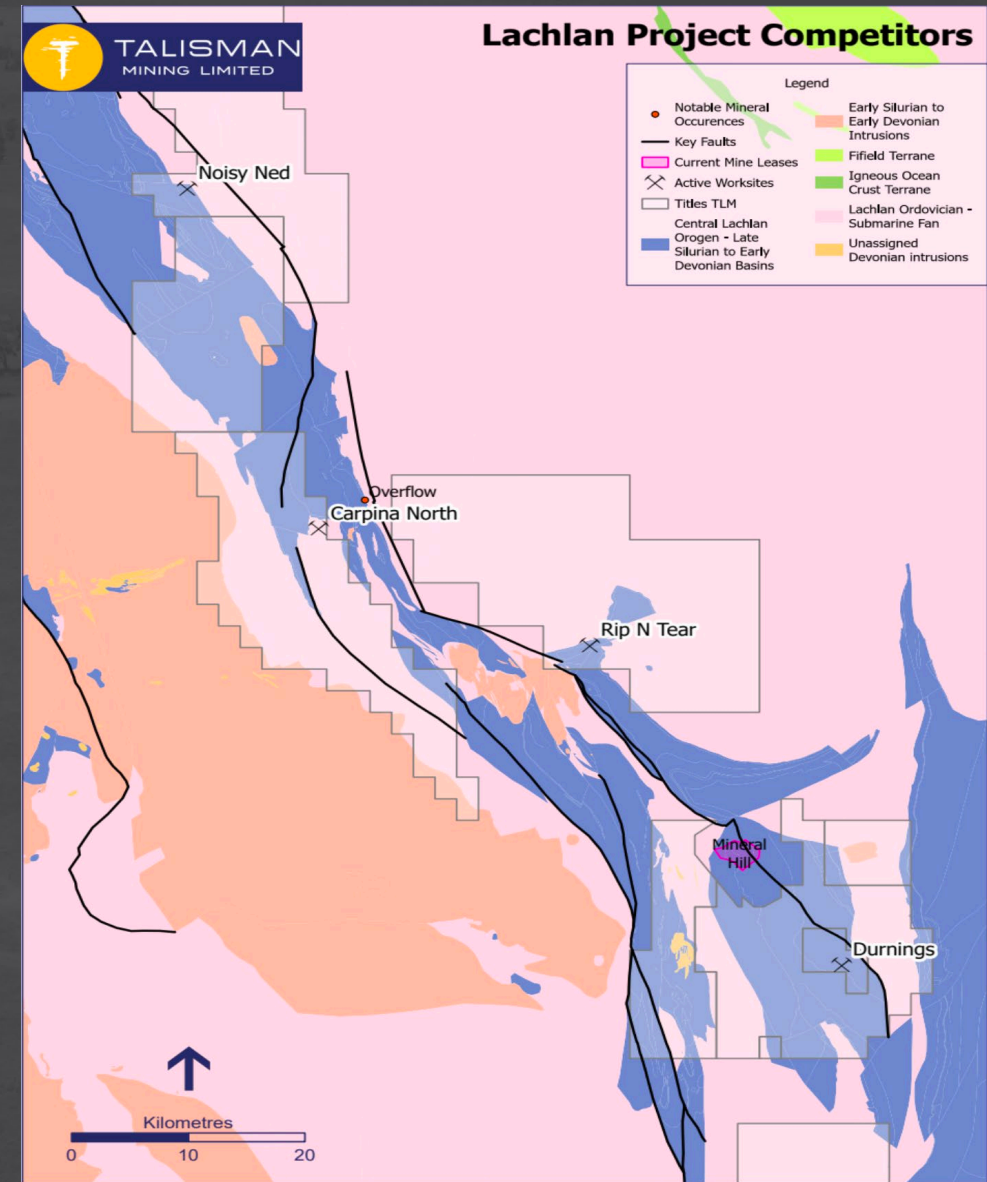
DRRCD0019 - Massive Galena-Sphalerite -1.7m at 26.5% Pb, 7.8% Zn, 558g/t Ag, 0.7% Cu and 0.81g/t Au from 224.5m

# Lachlan Project NSW

## Rip n Tear Prospect

### Stage 1 – Assessment

- Rip n Tear Prospect associated with strong base metals soil geochemistry
- Canbelego Mineral Hill Volcanic belt
- 25km NW of Mineral Hill (Kingston Resources)}
- Large MLEM anomalies - 3km and 2km strike length implying substantial stratigraphically and structurally controlled target
- Previous results
  - 1970s Percussion drilling to ~200 ft (61m)
  - Anomalous Cu and malachite staining
  - Pb/Ag rich gossans at surface
  - Widely spaced zones of surface anomalism
- Potential to be
  - SEDEX style
  - Large scale

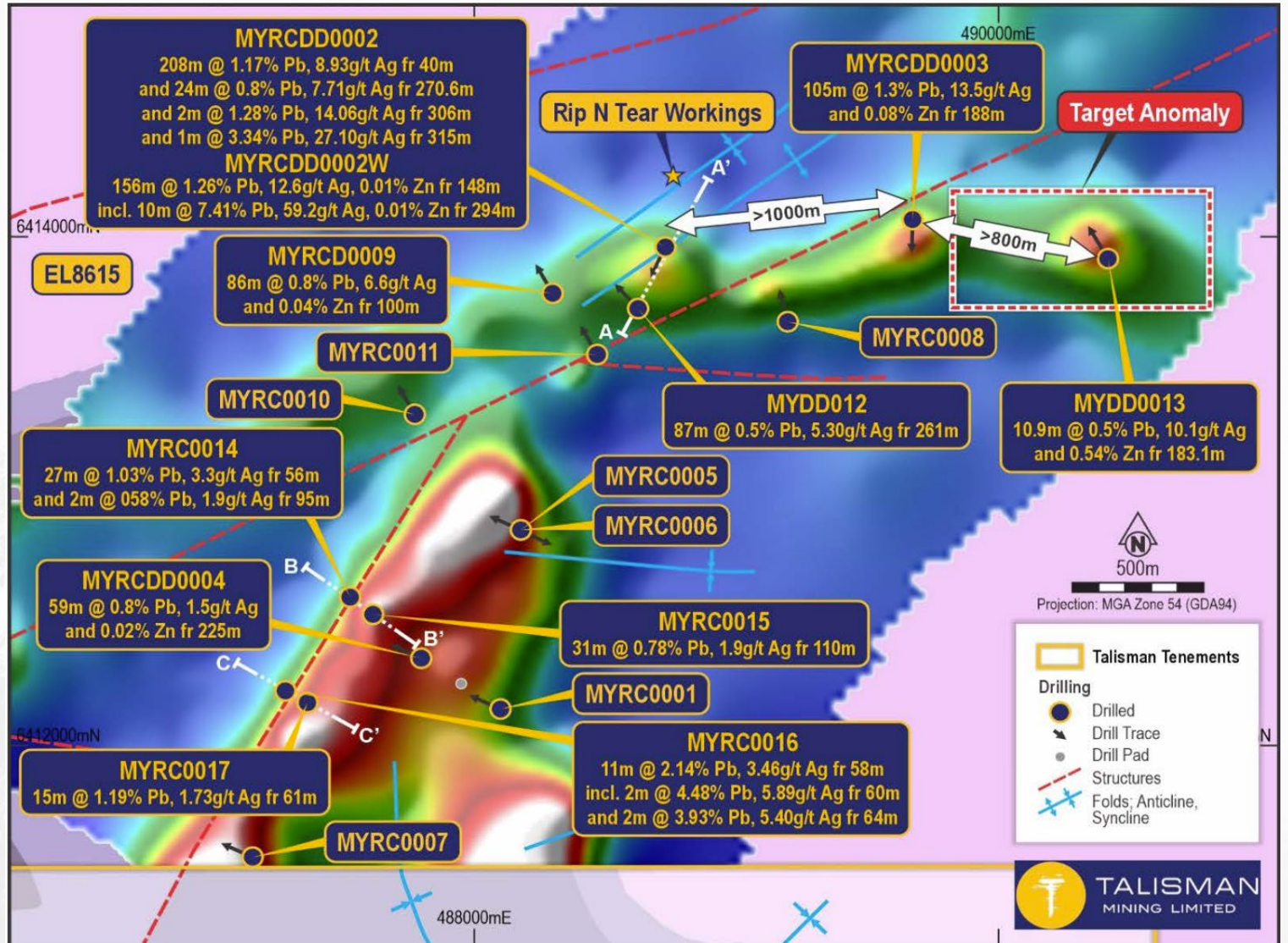


# Lachlan Project NSW

## Rip n Tear Prospect

### Stage 1 – Initial Drill Test

- Associated with NE-SW trending structures
- 2 Large MLEM anomaly 3.5km and 2km strike
- Discovery RC holes
  - MYRC0002- 208m at 1.2% Pb and 9.0g/t Ag<sup>1,2</sup>
  - MYRCD0003 - 105m at 1.3% Pb and 13.5g/t Ag<sup>1,2</sup>
- Follow up with RC and DD program holes DRRC0005 to DRDD0017
- Diamond holes to provide info on structural input, technical studies and mineralisation style
- Large, Low grade Pb-Ag-Zn deposit
- Mineralization characterization studies
- Seek partner to take the project forward while focus on high grade discovery



Note 1. ASX:TLM - 20 October & 6 November 2023. Note 2. ASX:TLM – 26 February 2024

# Macquarie Project NSW



**Undrilled, Large Porphyry Copper  
Intrusion in Tier 1 District**

The Yarindury Prospect is an undrilled anomaly in lightly-explored project within the Macquarie Arc Porphyry Cu-Au corridor of New South Wales

100%-owned project

Yarindury is located approximately 30km north-east of Dubbo in NSW

Macquarie Arc is Australia's premier porphyry Cu-Au district with production from Cadia (Newmont), North Parkes (Evolution) and Cowal (Evolution), Tomingley (Alkane).

Recent large discoveries , Boda/Kaiser

Tenure Granted, Access confirmed



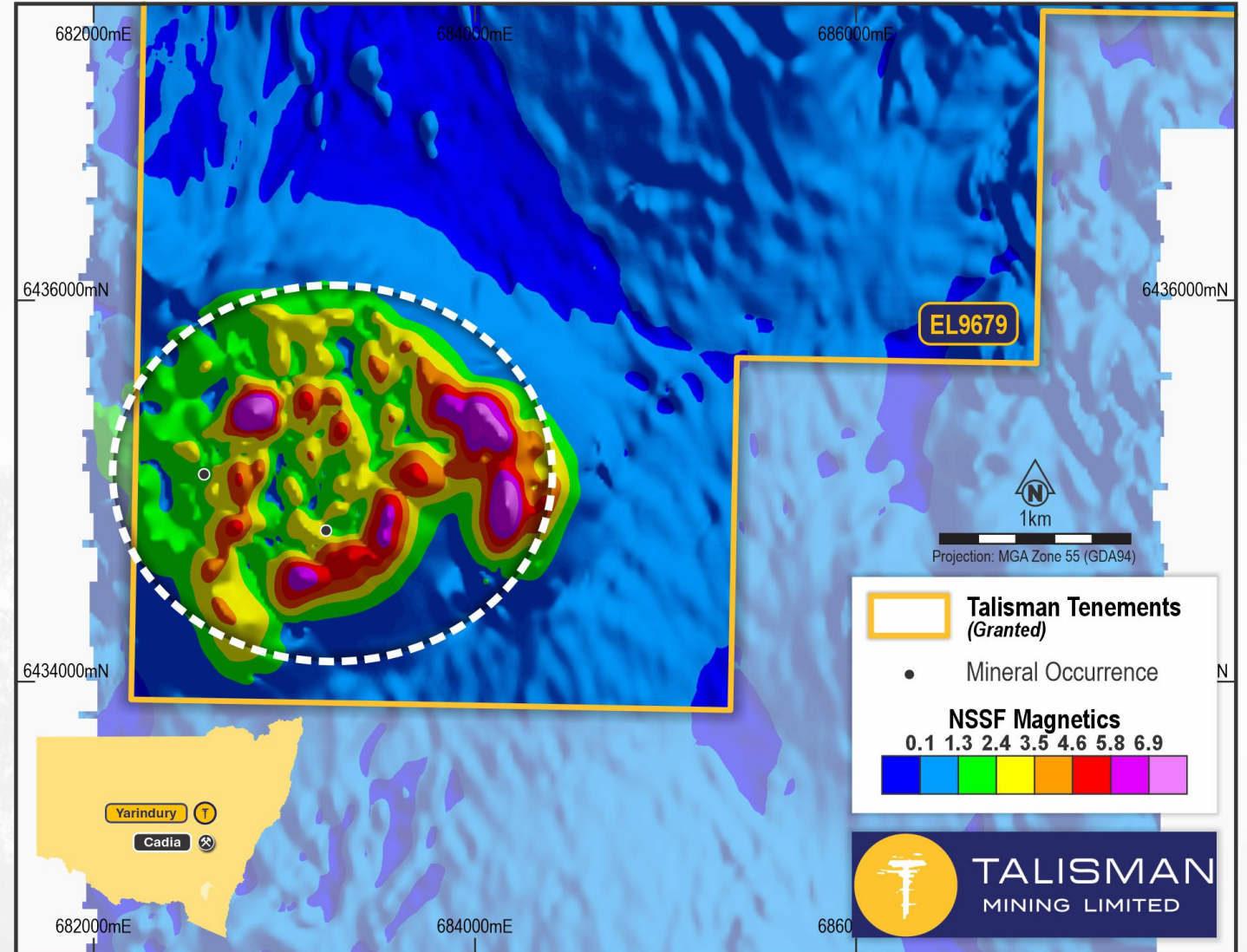


# Macquarie Project NSW

## Exposure to Tier-1 deposit discovery potential

### Yarindury Project

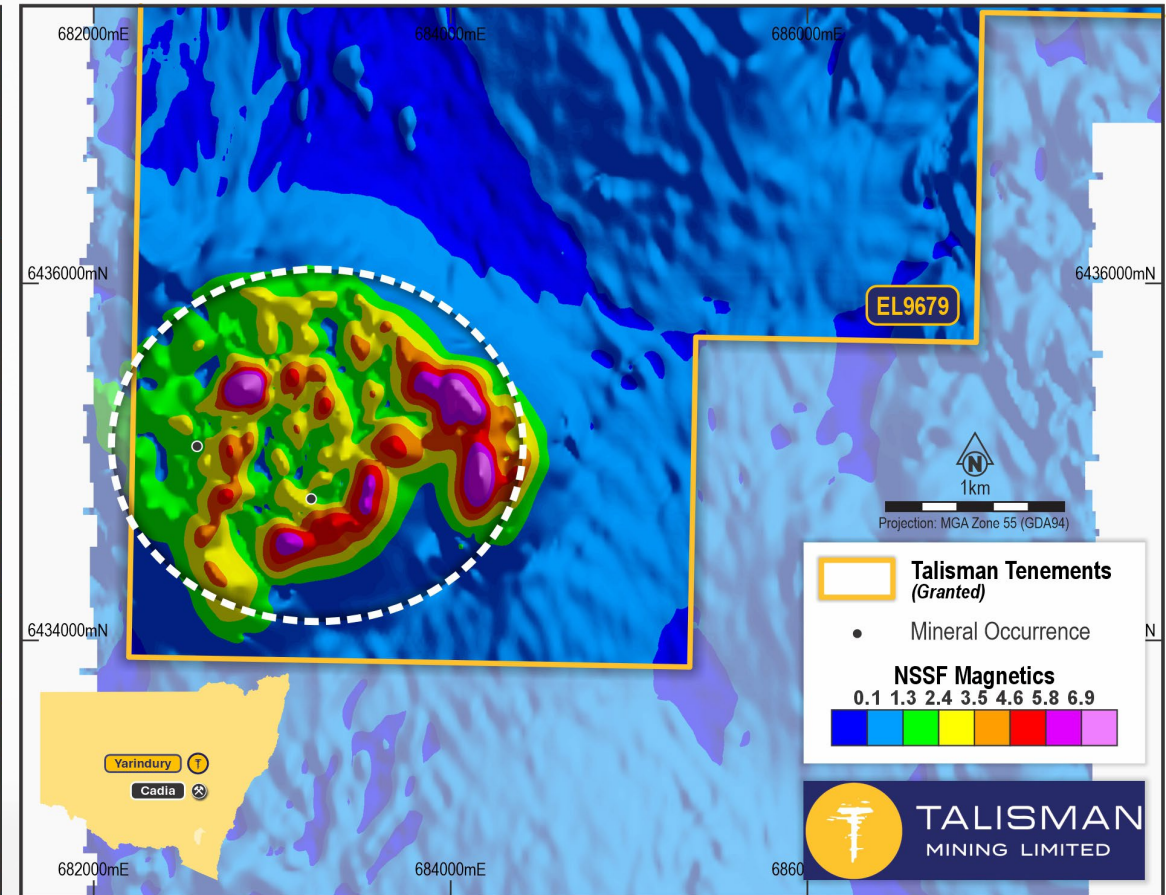
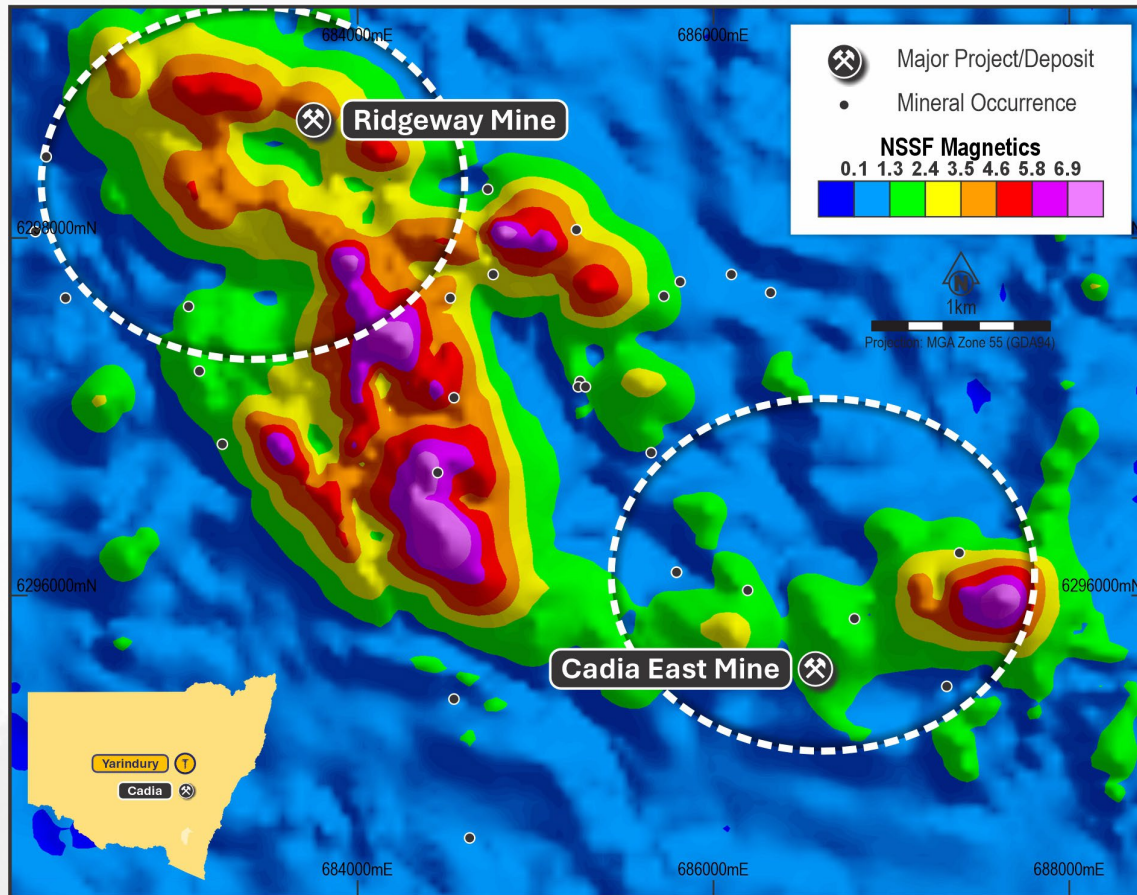
- Granted Exploration Licences (EL9679)
- Tenure spans Ordovician age Volcanics containing complex deep-seated intrusions
- Previously explored by Newcrest 2008 and Golden Cross 2010
- Coincident gravity-magnetic anomalies on major basin structures
- Post-mineral cover across tenure up to 250m. Newcrest drilling at other targets in area confirmed Ordovician basement
- Yarindury target (shown) never tested with drilling
- Detailed magnetic and regional gravity data acquired. Landholder engagement for on-ground activities underway
- Plan to be drill testing DQ 2024





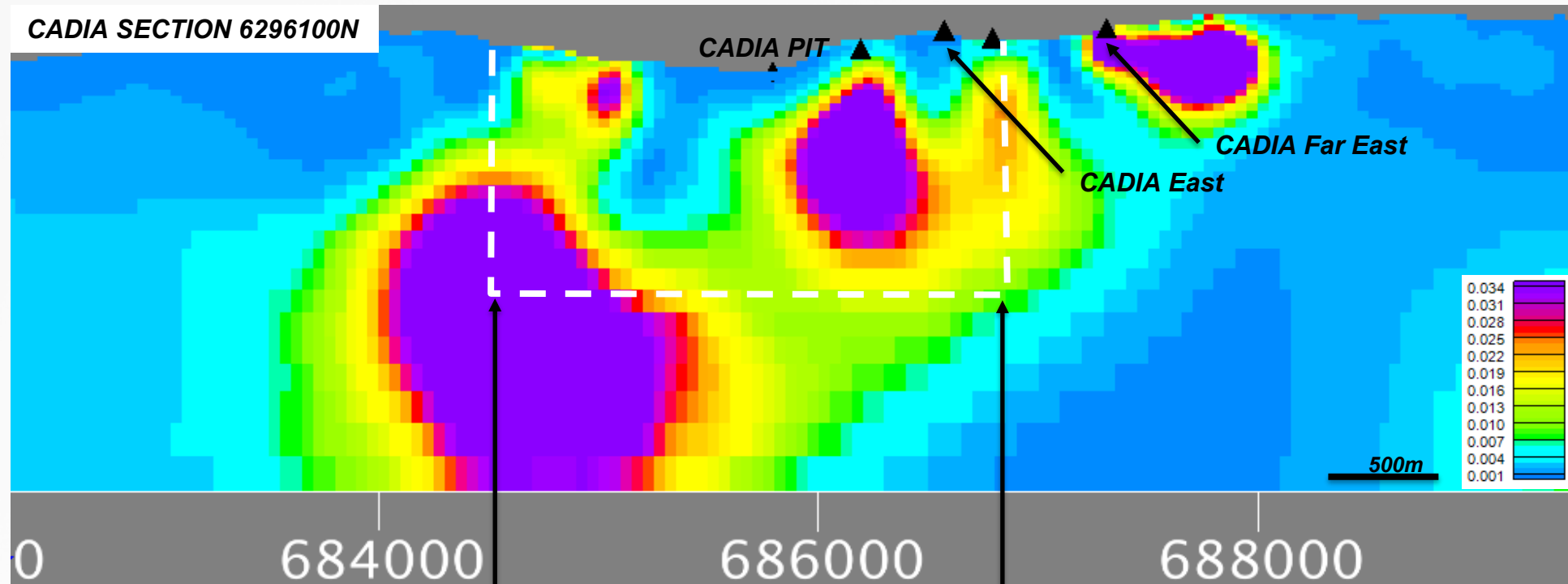
# Macquarie Arc Cu-Au Project

## Yarindury Magnetic Anomaly vs Cadia-Ridgeway Magnetic Anomaly Cu-Au porphyry intrusion model

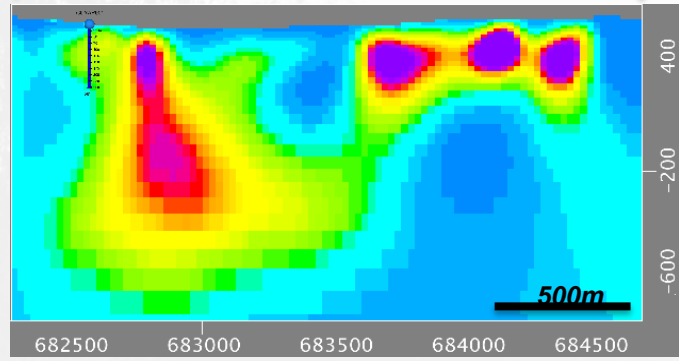




# Yarindury vs Cadia Comparison - 3D Magnetic Models

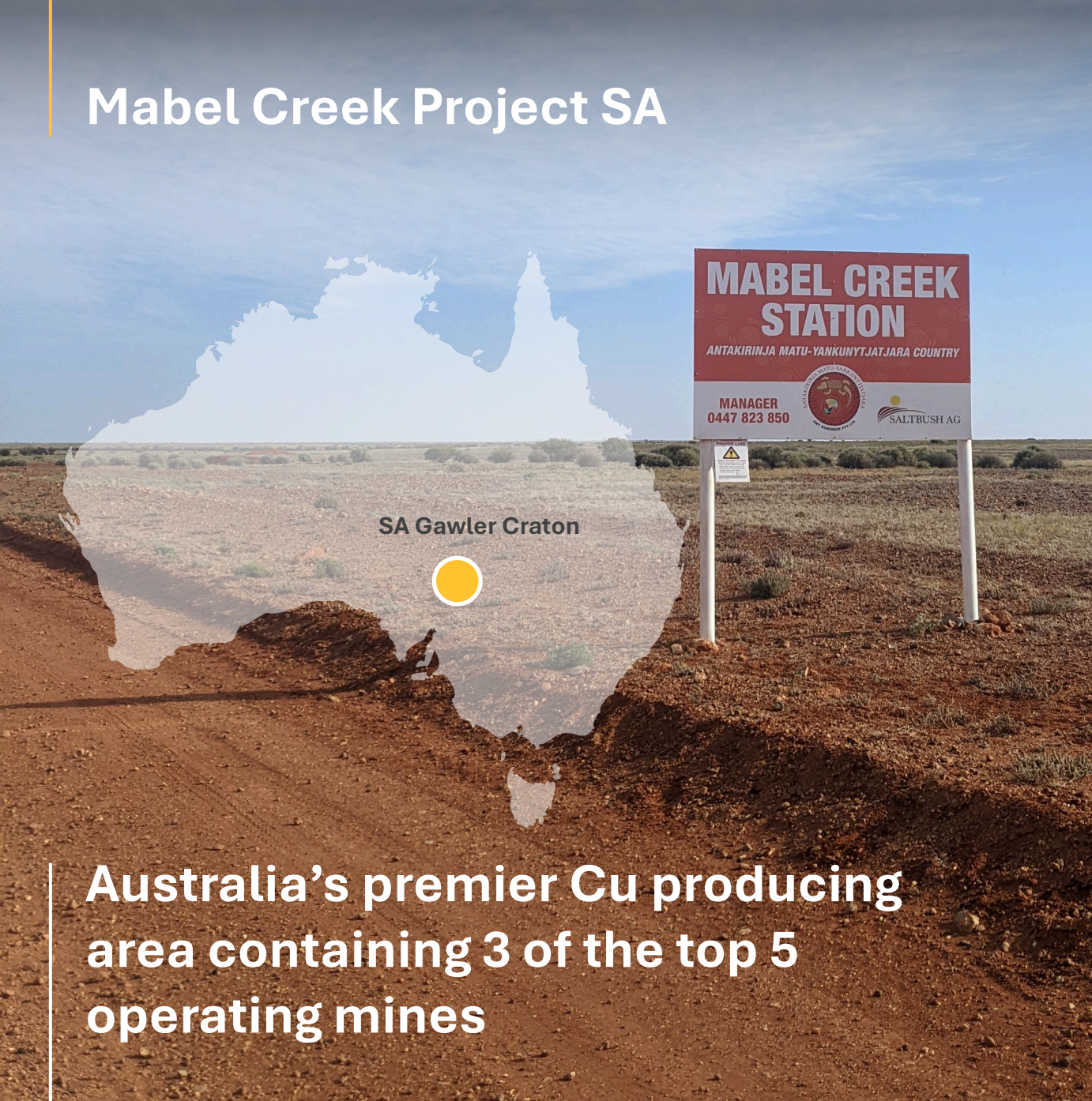


**YARINDURY SECTION 6435090N**



*CADIA & YARINDURY MVI 3D Models plotted at same scale & using the Yarindury 3D MVI Model colour palette*

# Mabel Creek Project SA



**Australia's premier Cu producing area containing 3 of the top 5 operating mines**

The Mabel Creek Prospect is a lightly-explored project within the Gawler Craton Iron Oxide Copper-Gold (IOCG) corridor of South Australia

100%-owned project

Mabel Creek is located approximately 30km west of Coober Pedy in South Australia

Gawler Craton is Australia's premier Cu producing area with Tier 1 production from Olympic Dam, Carapeteena (BHP) Prominent Hill (Oz Minerals now BHP)

Recent large discoveries Oak Dam, Emmie Bluff

Native Title and Access confirmed

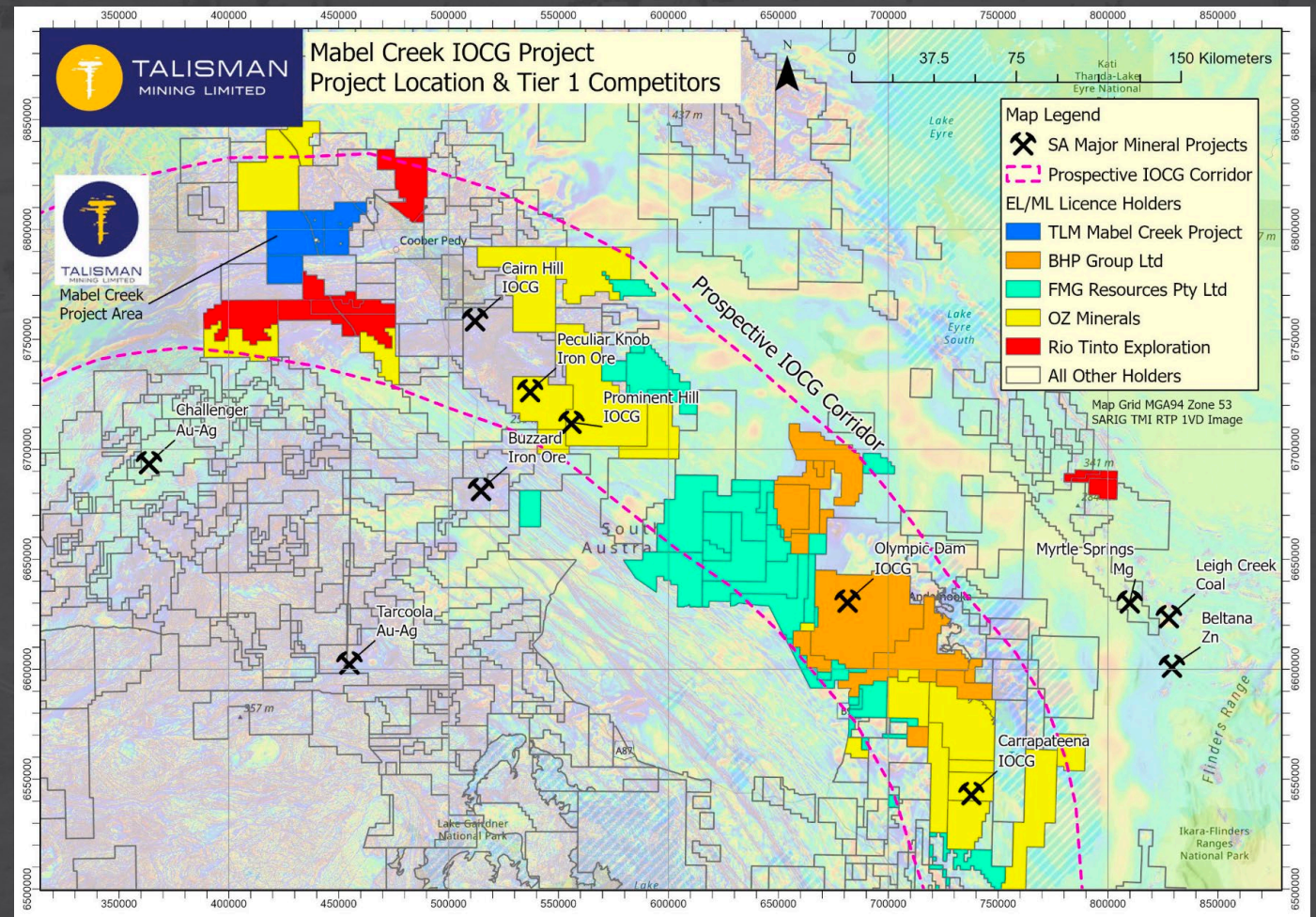
# Mabel Creek Project SA

## Exposure to Tier-1 deposit discovery potential



### Mabel Creek IOCG Project

- Project acquisition completion - 1,048km<sup>2</sup> West of Coober Pedy in Gawler Craton
- Project tenements surrounded by tenure held by major mineral companies - BHP/OZ, RIO, FMG
- Regional presence of majors highlights the exploration opportunity for additional significant copper-gold discoveries in the Gawler Craton
- Known copper-gold bearing IOCG deposits and exploration ground held by majors located along an arcuate "Prospective IOCG Corridor"
- Completed Native Title Land Access Agreement
- On-ground activities (geophysics and drilling) in 2024



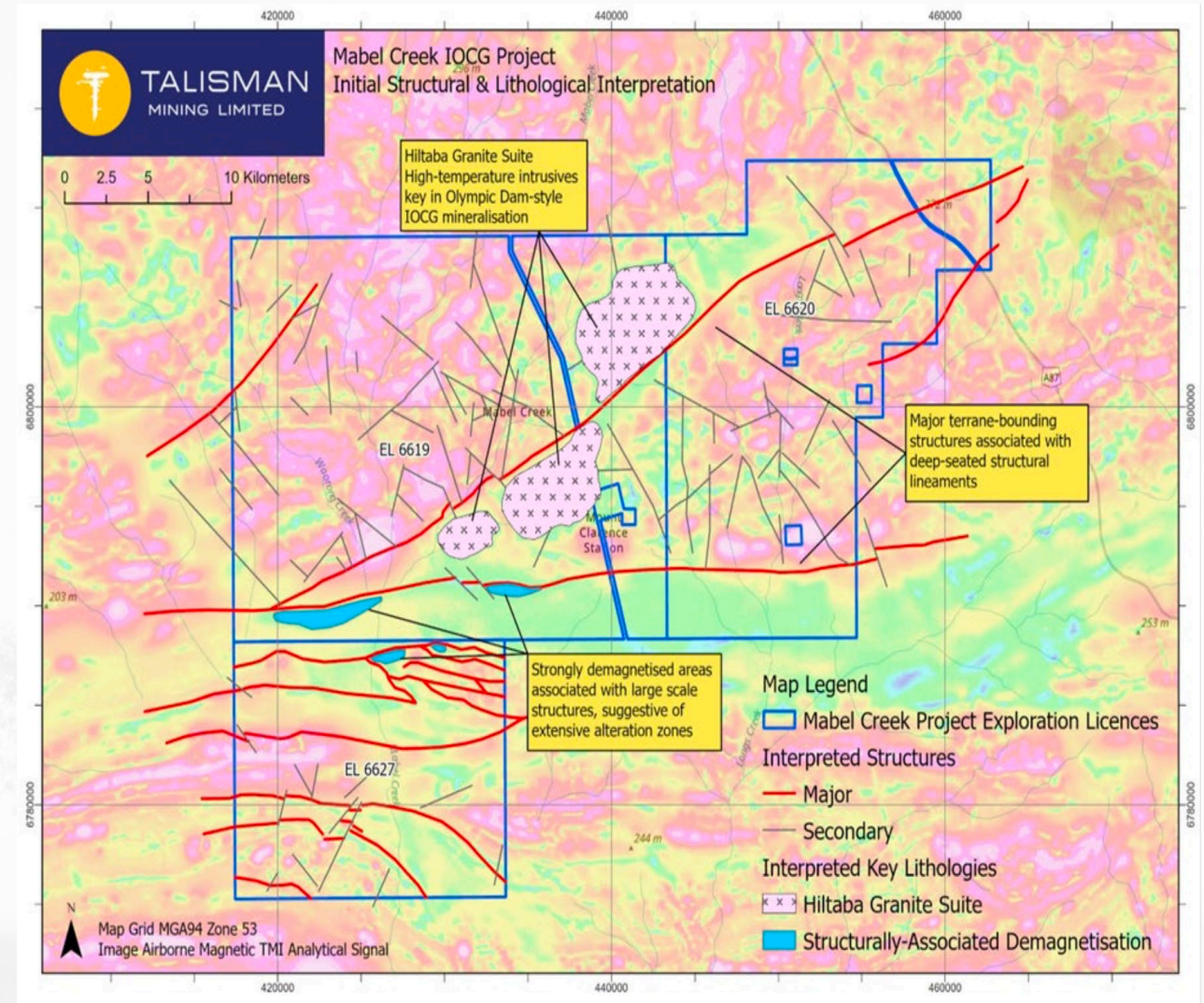


# Mabel Creek Project SA

## Exposure to Tier-1 deposit discovery potential

### Mabel Creek IOCG Project

- 3 continuous Exploration Licences
- Tenure spans a major deep-seated east-west trending fault system - host to intrusive lithologies including Hiltaba Granite Suite
- Recent detailed aeromagnetic data from the GSSA
- Coincident gravity-magnetic anomalies on major faults
- Post-mineral cover across tenure relatively shallow (30m to 150m) compared to other areas of the Gawler Craton
- Previous explorers - Mammoth, Teck, Vale
- No on-ground exploration activities in the area since 2014
- Detailed gravity data being acquired, TO engagement for on-ground activities
- Plan to be drill testing DQ 2024



# Key investment takeaways

## Highly leveraged to discovery success

### All the right ingredients

- ✓ Highly prospective tenure across multiple projects in a Tier-1 jurisdiction
- ✓ Multiple commodity exposure
- ✓ Focused and experienced team
- ✓ Systematic and methodical exploration approach
- ✓ Two significant discoveries in the first round of deeper, larger target testing
- ✓ Active on-ground exploration
- ✓ Reliable funding – ongoing royalty revenue stream + strong cash balance
- ✓ Large scale exploration and development opportunities in
  - ✓ Cobar Basin – NSW
  - ✓ Macquarie Arc - NSW
  - ✓ Gawler Craton – South Australia





**TALISMAN**  
MINING LIMITED

## Contact

**Mr Andrew Munckton**

Managing Director

+61 8 9380 4230

[info@talismanmining.com.au](mailto:info@talismanmining.com.au)

**Mr Tim Sharp**

Exploration Manager

+61 8 9380 4230

[info@talismanmining.com.au](mailto:info@talismanmining.com.au)

[talismanmining.com.au](http://talismanmining.com.au)





# Appendix 1: Competent Persons' Statements

## Exploration Results and Exploration Targets

Information in this presentation that relates to Exploration Results and Exploration Targets is based on, and fairly represents information and supporting documentation compiled by Mr Tim Sharp, who is a member of the Australasian Institute of Geoscientists. Mr Sharp is a full-time employee of Talisman Mining Ltd and has sufficient experience which is relevant to the style of mineralisation and types of deposits under consideration and to the activities undertaken to qualify as a Competent Person as defined in the 2012 Edition of the “Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”. Mr Sharp has reviewed the contents of this presentation and consents to the inclusion in this presentation of all technical statements based on his information in the form and context in which they appear.

No new information that is considered material is included in this document. All information relating to exploration results has been previously released to the market and is appropriately referenced in this document. JORC tables are not considered necessary to accompany this document.