



**AUGUSTUS  
MINERALS**  
LIMITED

## Investor Presentation

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July 2024

ASX:AUG



**Copper-Gold-Base Metals-Uranium**

Ti-Tree Shear Project  
Gascoyne Region, WA

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The information in this announcement related to Exploration Results is based on and fairly represents information compiled by Mr Andrew Ford. Mr Ford is employed as the General Manager - Exploration and is a member of the Australasian Institute of Mining and Metallurgy. He has sufficient experience of relevance to the styles 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 Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. He consents to the inclusion in this announcement of the matters based on information in the form and context in which they appear.

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# Corporate Overview: ASX (AUG)



## Shares on Issue

136.125M

## Share Price

9.3c

## Unlisted Options

16.77M

## Market Cap

\$11.0M

## Cash (@ 31 March 2024)

\$4.55M

## Major Shareholders

### Top 20 Shareholders

53.1%

### Board/Management

41%

### BBR Group

40%

## Experienced Board

### Brian Rodan

Executive Chairman

### Darren Holden

Non-Executive Director

### Andrew Ford

GM Exploration

### Graeme Smith

Non-Executive Director

## Broker Coverage



# Gascoyne Focused Copper-Gold-Lithium-Uranium Explorer



Large contiguous landholding  
~3,600km<sup>2</sup>

- Exploration on ground in 2024:**
- 3,170m RC Drilling
  - Soil Sampling
  - Reconnaissance Mapping/rock chips
  
  - >12,000m drilled since listing

High quality copper-gold targets

Multiple adjacent discoveries of rare earths, niobium, gold and base metals

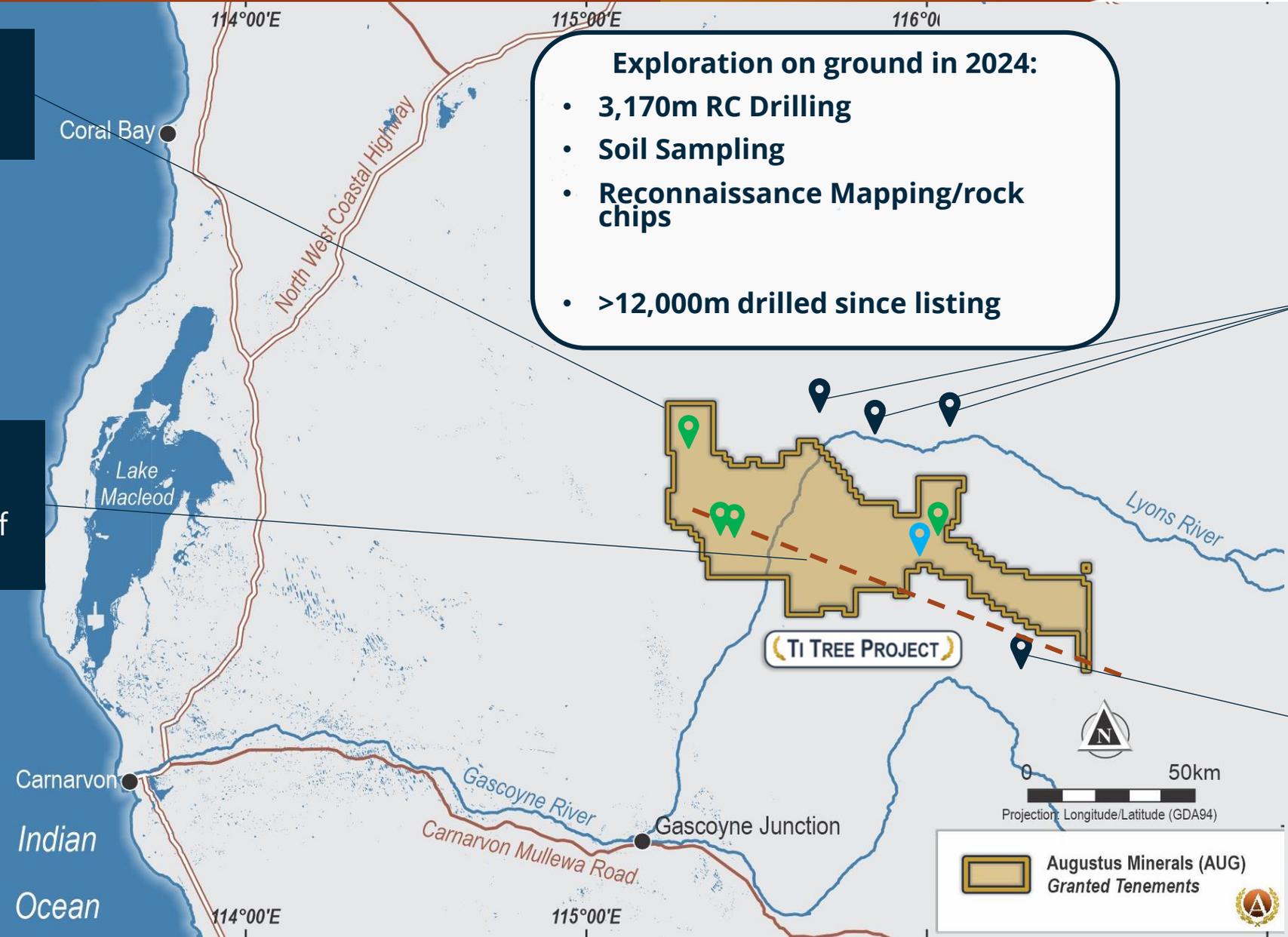
Minga Bar Fault – Minnie Springs Cu-Mo porphyry style mineralisation

New lithium discoveries

Ti-Tree Shear – Major structural corridor 85kms of strike



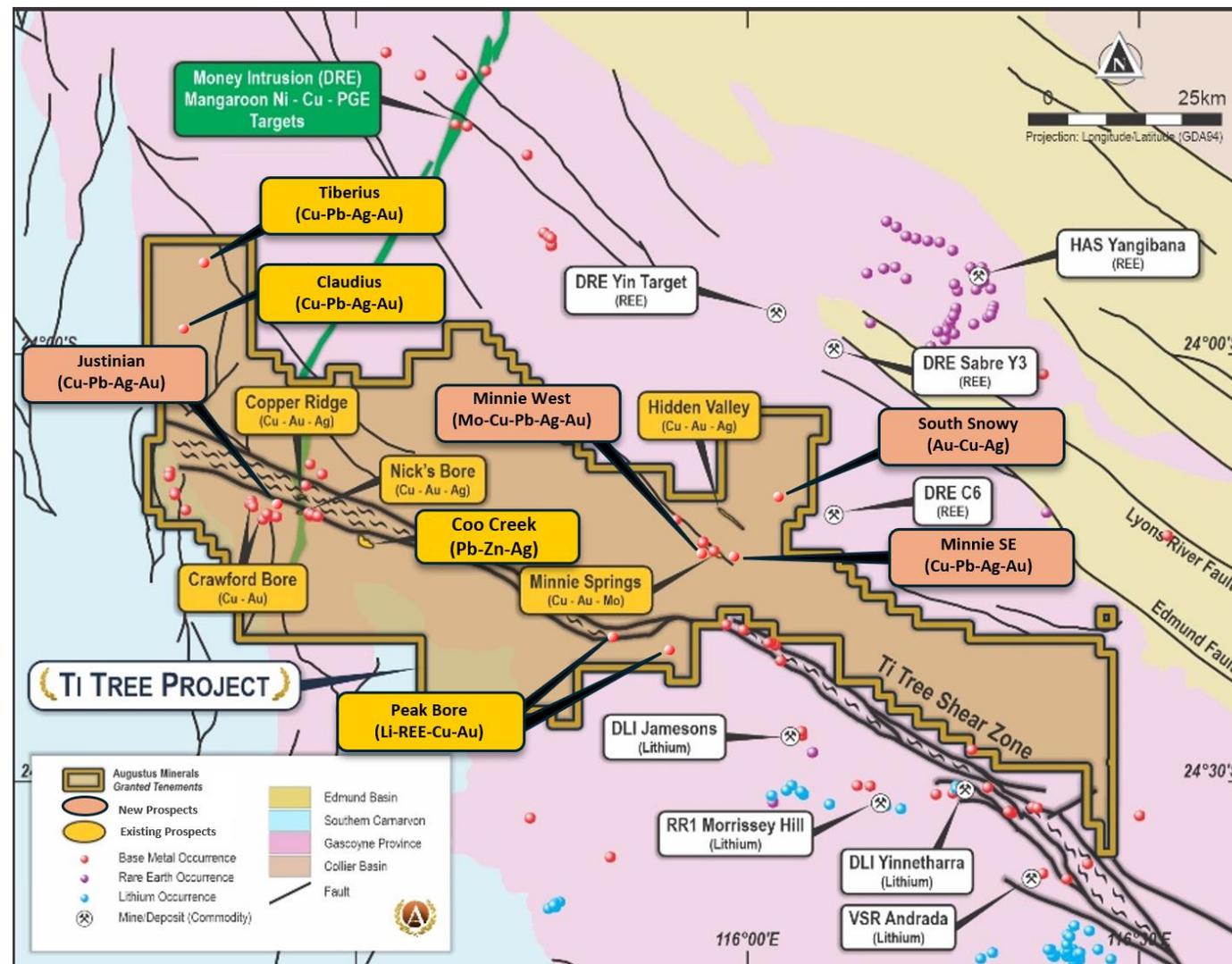
Augustus Minerals



# Exploration Program 2024

## Untested region <5% of tenure explored

- 85kms of belt-scale Ti-Tree Shear
- Endowment of critical mineral commodity anomalies
- Copper – molybdenum mineralisation intersected at Minnie Springs-3,170m RC drilled in April
- Copper mineralisation at Crawford Bore/Copper Ridge
- New discoveries at Tiberius, Claudius, South Snowy, Justinian: copper-gold-silver
- New molybdenum prospect at Minnie SE
- Broken Hill Style potential at Coo Creek
- Uranium Potential
- Lithium/Rare Earths



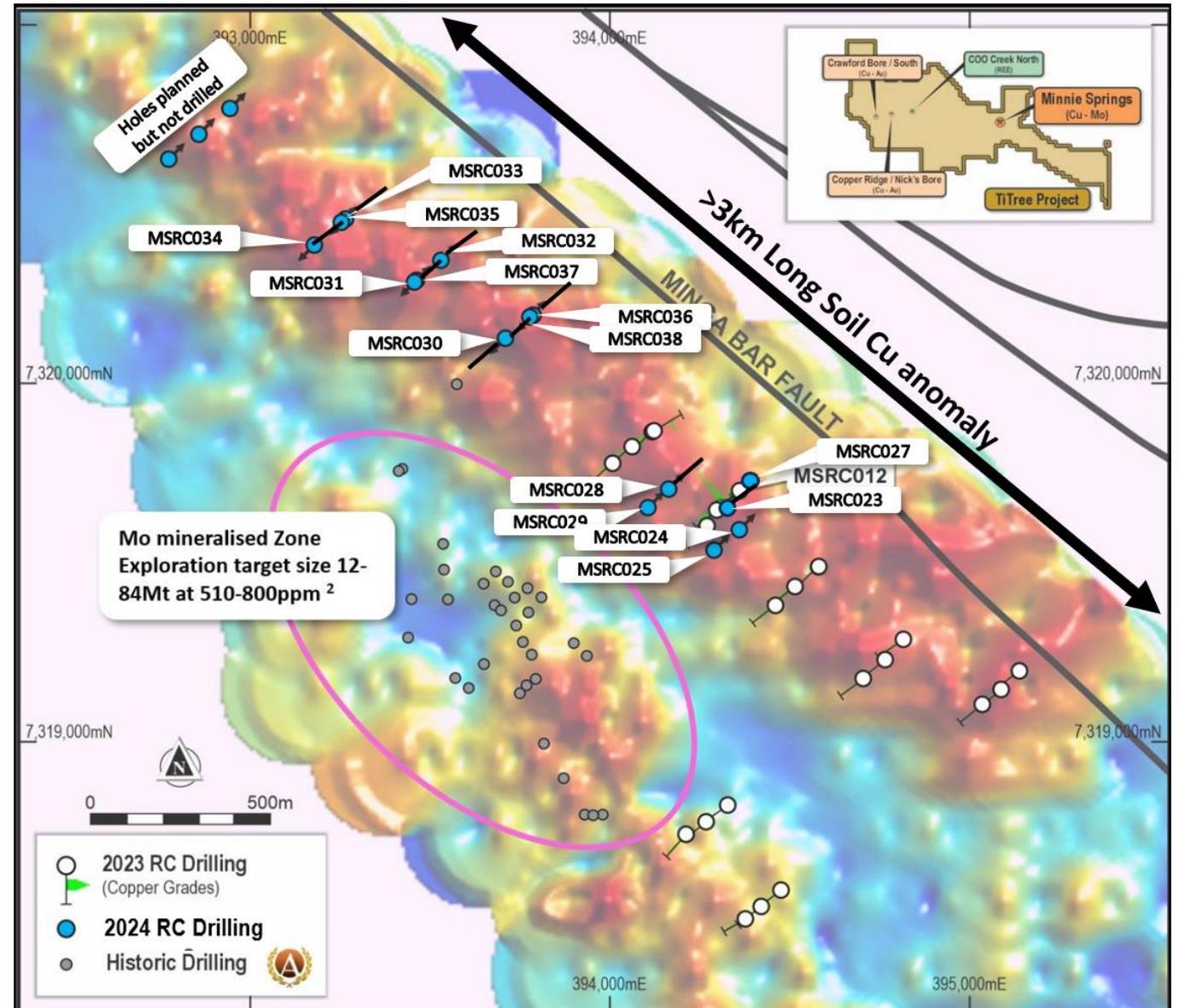
# Minnie Springs: Porphyry Cu-Mo

## Copper

- 3km long Cu in soil anomaly
- Cu in Rock Chips up to 7%
- MSRC012: 18m @ 0.37% Cu, 9.6g/t Ag, 124ppm Mo
- MSRC012: 16m @ 0.38% Cu, 19.4g/t Ag, 284ppm Mo

## Molybdenum

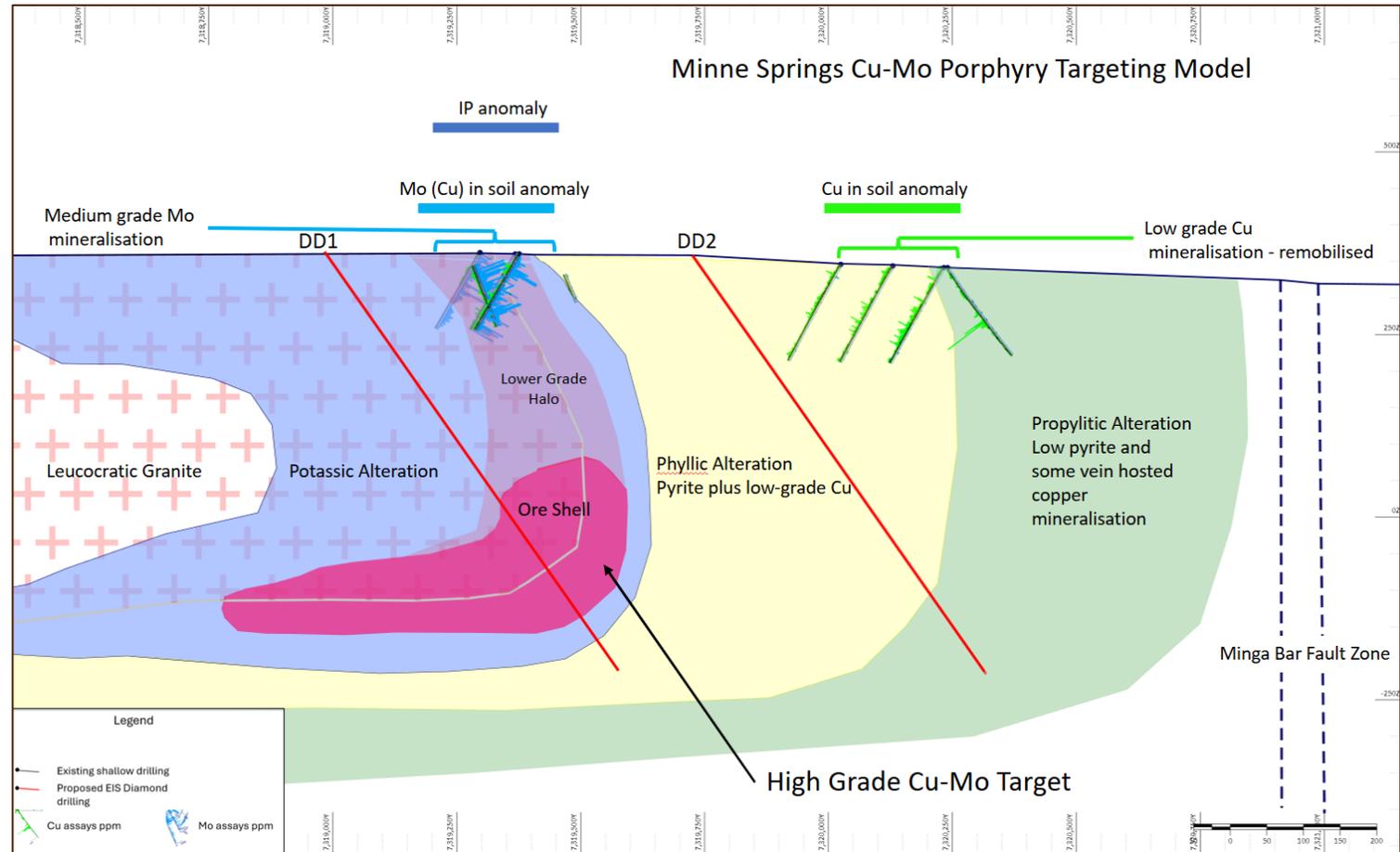
- Mo Exploration target 12-84Mt<sup>1</sup>
- MSRC0010: 60m @ 640ppm
- MSRC008: 18m @ 910ppm
- MSRC007: 14m @ 1,082ppm



<sup>1</sup> Refer Augustus Minerals Prospectus  
(<https://www.augustusminerals.com.au/investor-centre/prospectus>)

# Minnie Springs: Porphyry Cu-Mo

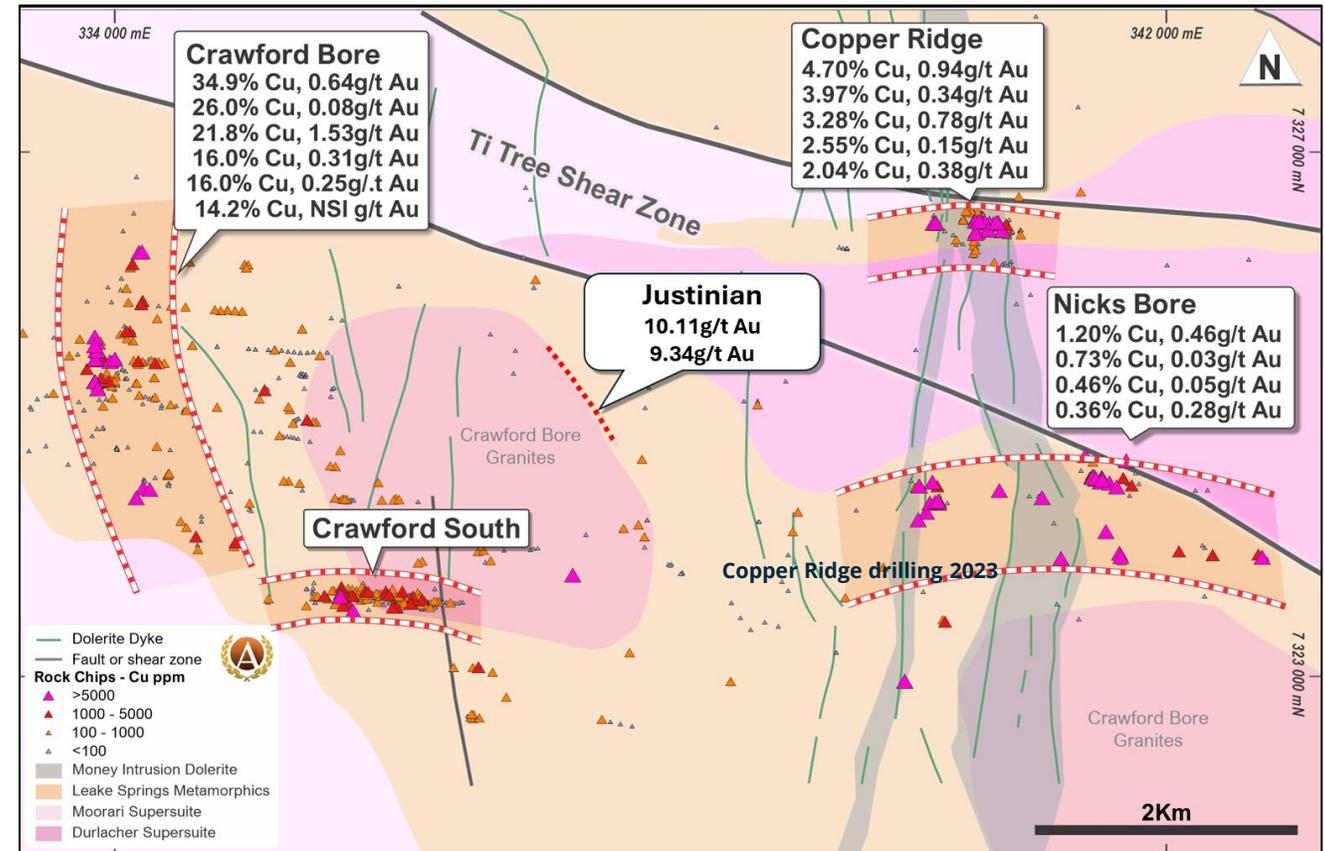
- Potential for near surface extensions to existing Mo mineralisation.
- Potential also identified for higher grade Cu and Mo zones at depth below “tilted” porphyry model.
- Previous drilling at Minnie Springs intersected mineralisation, geology and alteration halo consistent with the zoning of a large porphyry copper / molybdenum system.
- Two holes with EIS funding planned to test for the higher-grade zones at depth in Q3.



# Crawford/Copper Ridge Area- Cu-Au

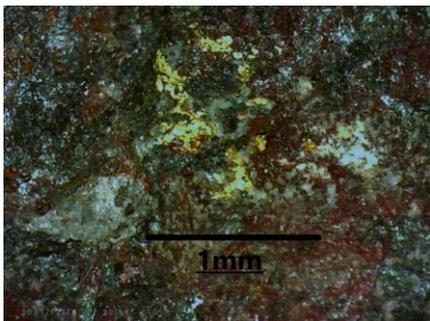
- Numerous rock chip samples >2% Cu in rock chips along 9kms of strike
- Intersection of Ti-Tree Shear and Money Intrusion
- Drilling
- More field work planned
- VTEM to cover Copper Ridge, Nick's Bore
- New Justinian gold discovery

## High-grade copper rock chip up to 35%

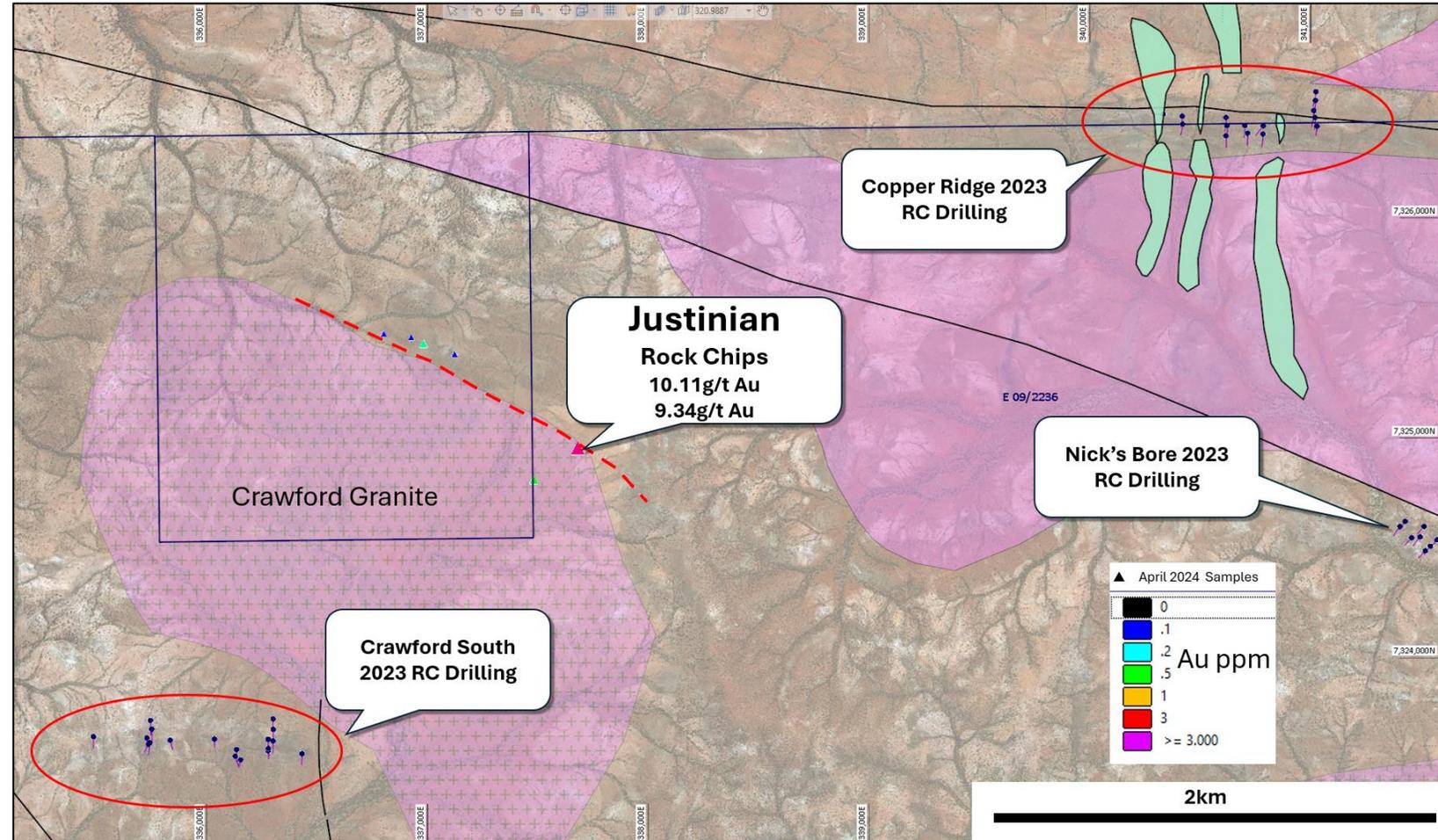


# Justinian – Au-Cu

- **Rock chips up to 10.1 g/t in quartz veins**
- Quartz veins run parallel to contact between Crawford Granite and Leake Springs Metamorphics for 1.8km
  - WA001015 assayed 9.34g/t Au
  - WA001016 assayed 10.11g/t Au with gold visible in the hand specimen.

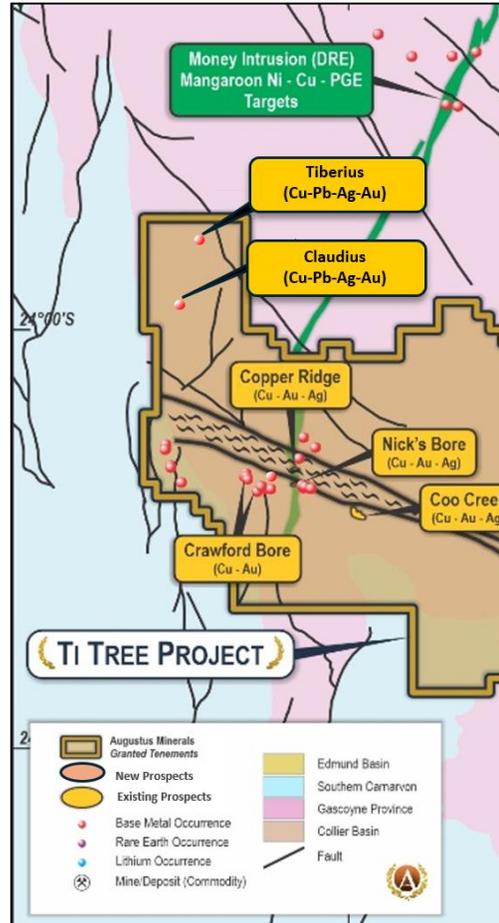


Visible gold in sample WA001016 (10.1g/t Au) from Justinian prospect



# Claudius/Tiberius - Cu-Pb-Ag

- High grade Cu in rock chips to 34.6% Cu, 282g/t Ag, 20% Pb in area with no previously recorded workings<sup>1</sup>
- Elevated gold to 0.71g/t Au
- Follow-up soils and mapping continues



Copper rich brecciated quartz vein assayed 17.8% Cu, 65g/t Ag and 0.14g/t Au (Tiberius)



Galena rich quartz vein, assayed, 65g/t Ag, 20.5% Pb and 0.3g/t Au (Tiberius)

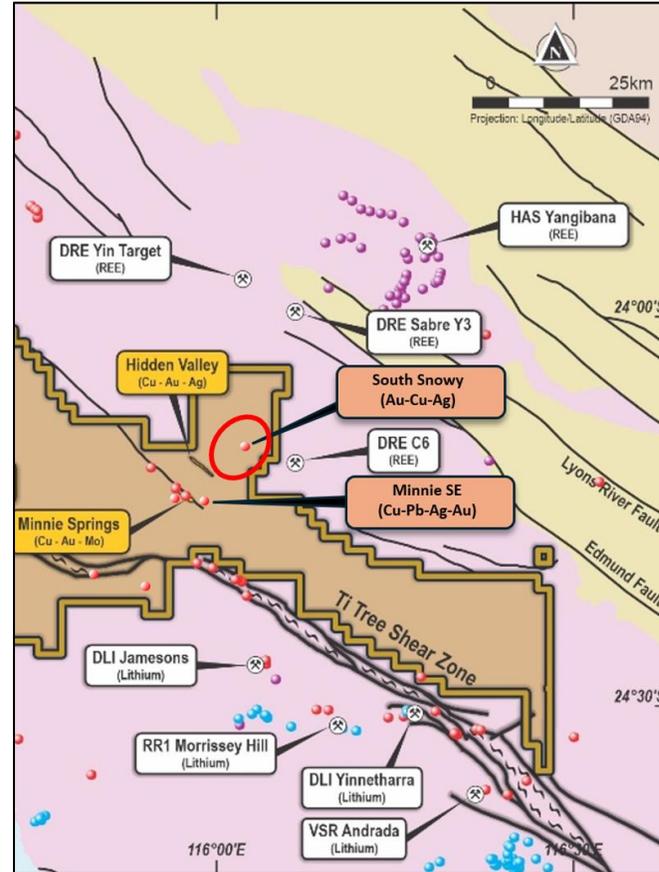


Prospecting shaft at Tiberius with extension of mineralised vein extending along the right of the picture.

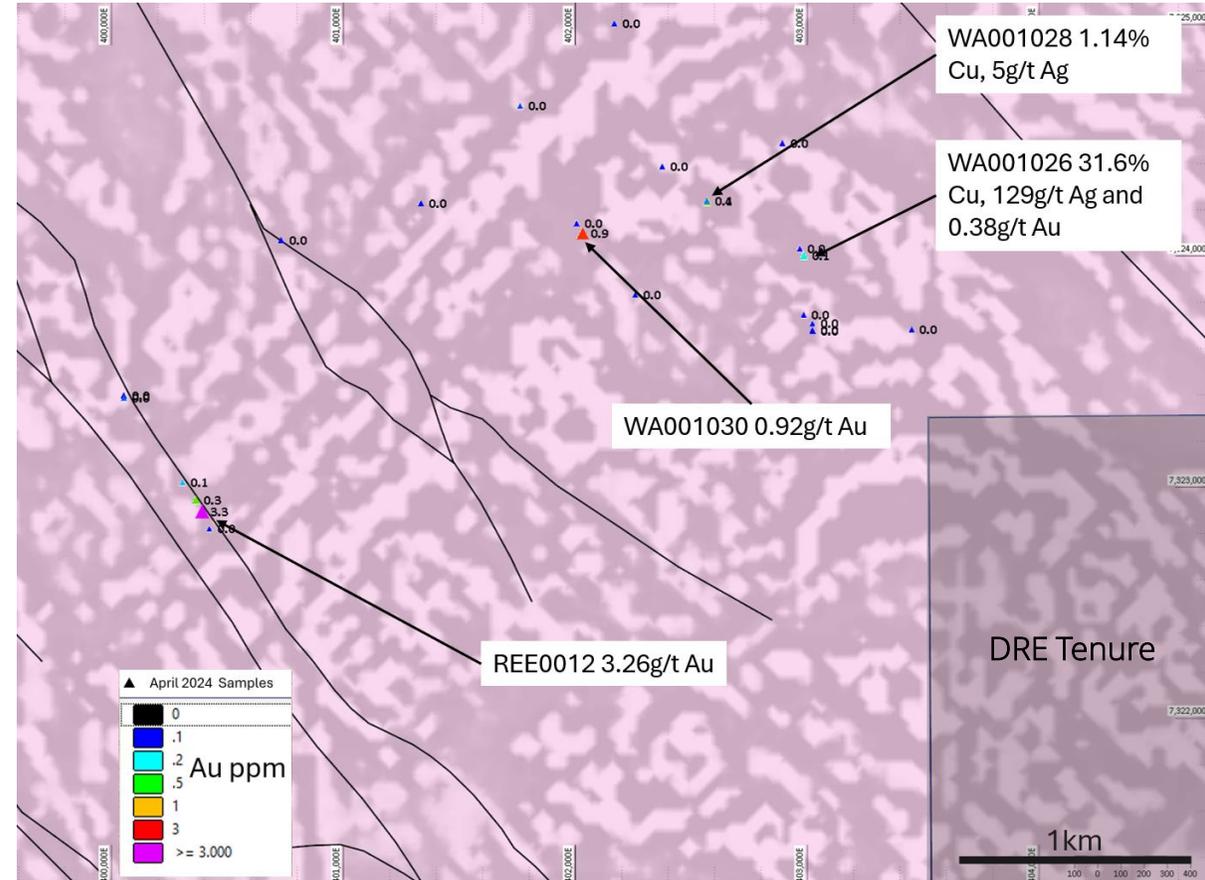
<sup>1</sup>Augustus Minerals Limited (ASX:AUG) ASX Announcement "High Grade Rock Chips to 18% at Ti-Tree" 23 April 2024

# South Snowy – Cu-Au-Ag

- High grade rock chips<sup>1</sup>:
- **REE0012: 3.26g/t Au**
- **WA001026: 31.6% Cu, 129g/t Ag, 0.38g/t Au**
- **WA001028: 1.14% Cu, 5g/t Ag**
- Follow-up mapping and sampling continues



**REE0012: 3.26g/t Au from gossanous quartz vein**



**GSWA Geology draped on 2vd airborne magnetic image. Structures controlling quartz vein and mineralisation shown as black lines.**

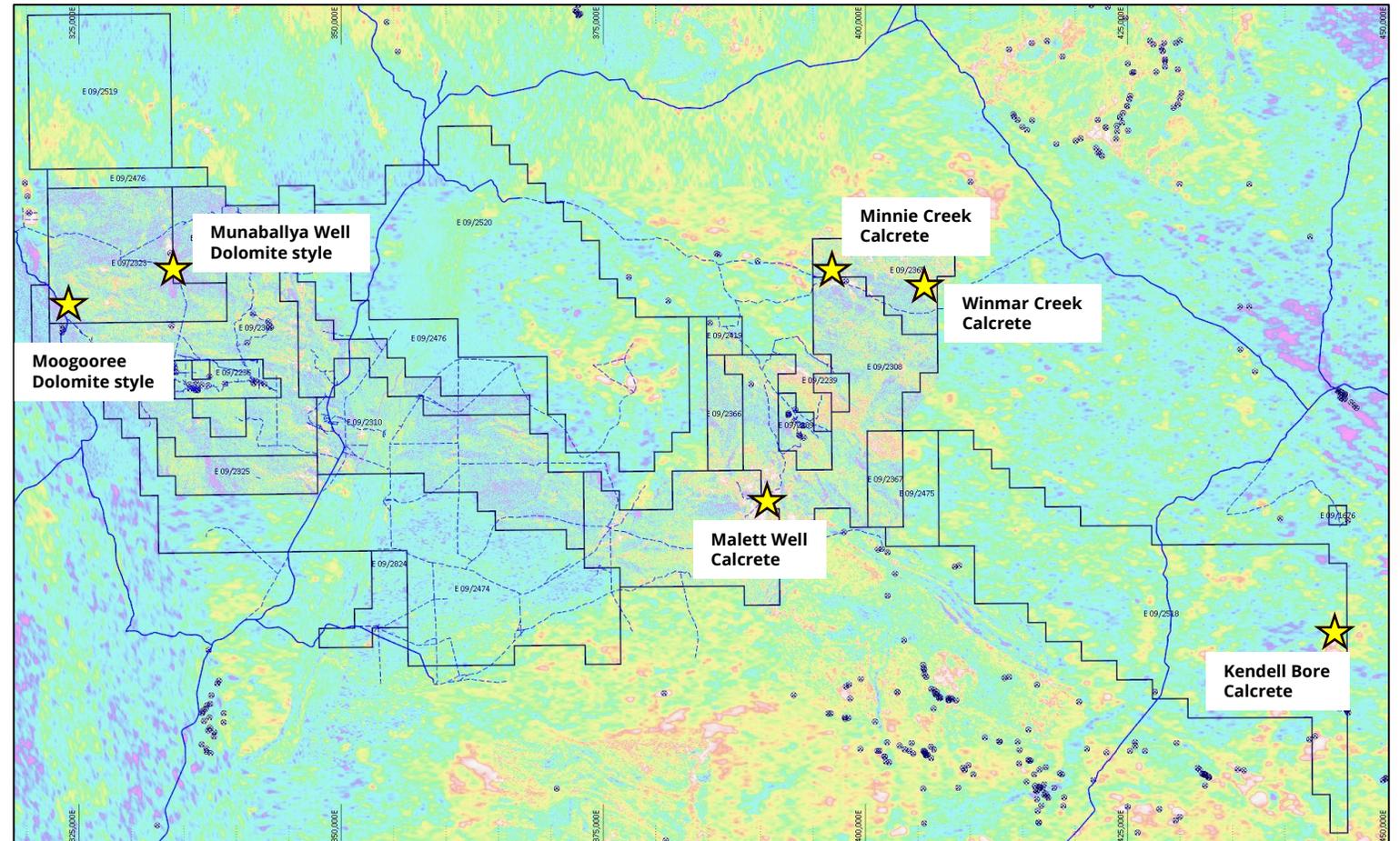


# Uranium Prospectivity – Ti Tree Shear Project

## The Ti-Tree project hosts several styles of uranium mineralisation.

- Supergene dolomite hosted (e.g. Munaballya Well);
- Calcrete hosted - within drainage channels e.g. Mallet Well/Cattle Pool, Kendell Bore, Minnie Creek, Winmar Creek (GSWA).
- Potential unconformity style mineralisation at depth at sediment-basement unconformity.

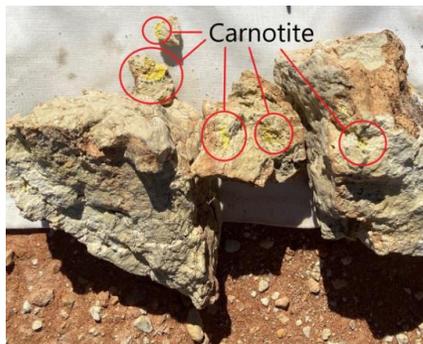
U Channel Radiometric image – U anomalism is in red/white



# Munnaballya Well - Uranium

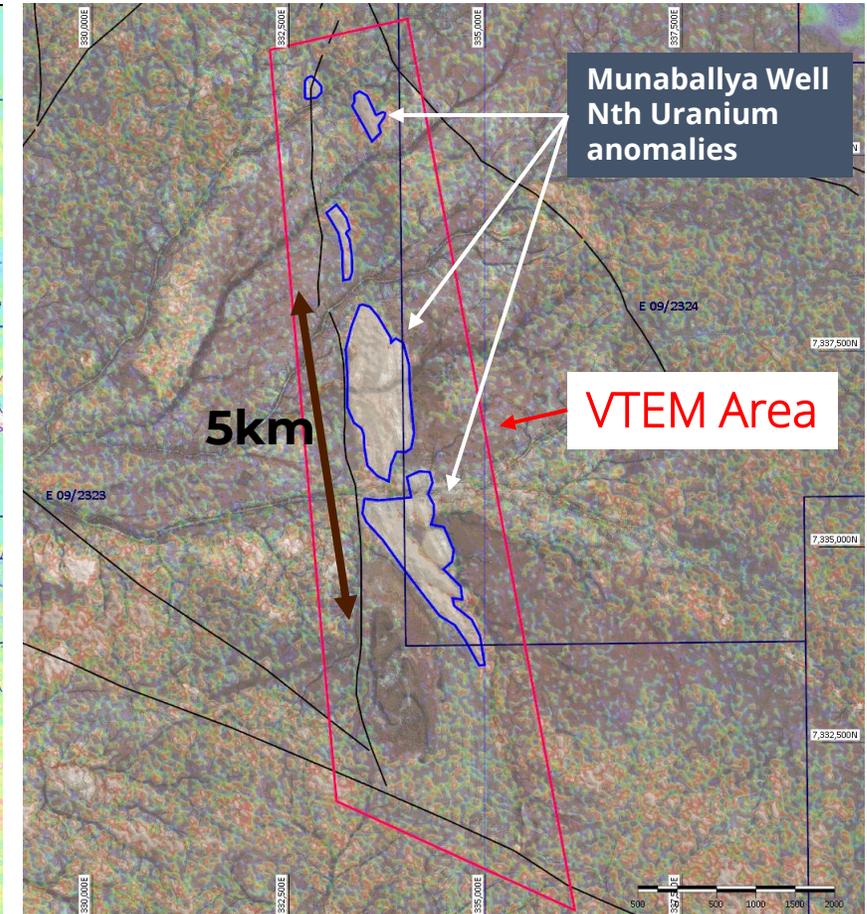
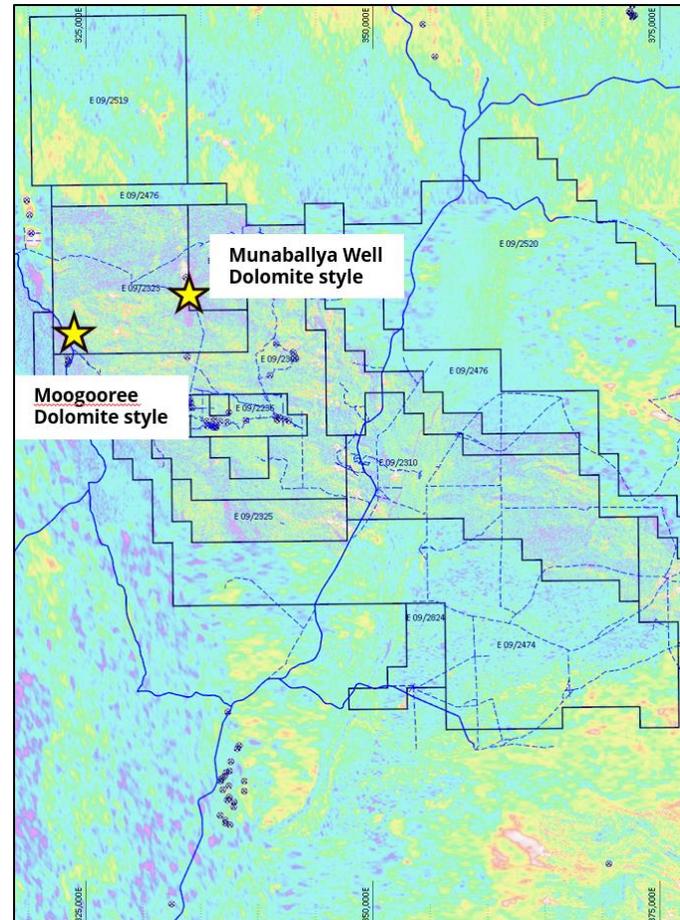
## Potential for shallow uranium mineralisation (300-500ppm $U_3O_8$ ) in weathered dolomitic marls.

- GSWA listed occurrence.
- Munaballya Well Nth main basin U anomaly covers 5km x 0.7km.
- Uranium as carnotite concentrated in top 5-10m of weathered dolomitic layers.
- VTEM survey to test for:
  - near surface weathering of surficial zones
  - Deeper unconformity style



Sample WA001023 assayed 73ppm  $U_3O_8$  with visible yellow carnotite

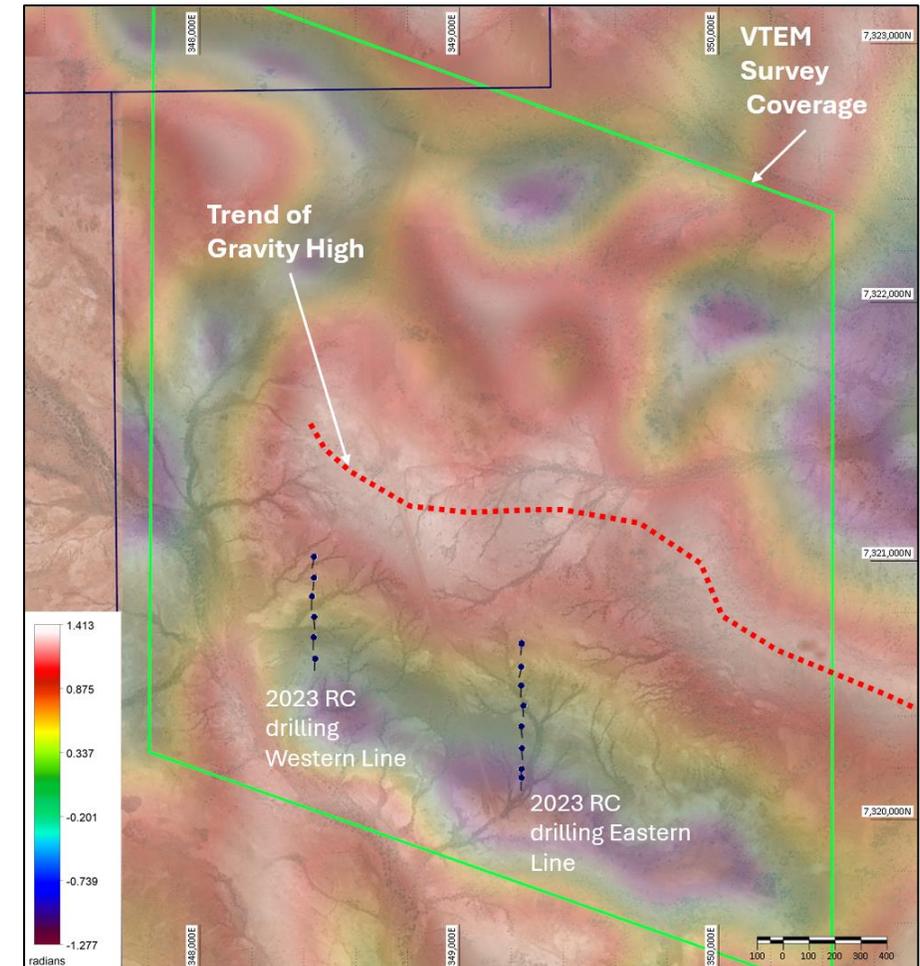
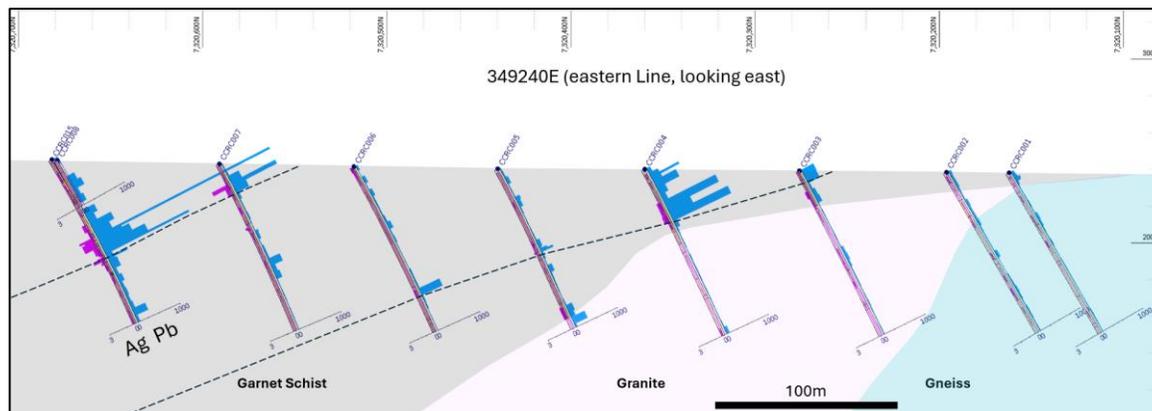
## Uranium Radiometric Images



# Coo Creek – Broken Hill Style

## Potential for Broken Hill Style base metal massive sulphide mineralisation.

- Coo Creek was originally defined by soil sampling survey<sup>1</sup> with Pb, Ag, Zn, Cu anomalies.
- Best result from 2023 drilling was 11m at 0.127% Pb and 0.125% Zn from 48m in CCRC015, drilled at the northern end of the eastern drill line<sup>2</sup>
- Review of detailed gravity data<sup>2</sup> shows a distinct gravity high centred 400m north of each of the drill lines
- May indicate the presence of denser material such as massive sulphide.
- VTEM Survey in August to test for conductors.



Detailed gravity showing the gravity high north, and down dip of, the 2023 RC drilling which intersected Pb-Zn mineralisation.

The proposed VTEM survey area is outlined in green.

<sup>1</sup> Refer Augustus Minerals Prospectus  
(<https://www.augustusminerals.com.au/investor-centre/prospectus>)

<sup>2</sup> Augustus Minerals Limited (ASX:AUG) ASX Announcement “Airborne EM over Multiple Targets on Ti-Tree Project ” on 25.06.24

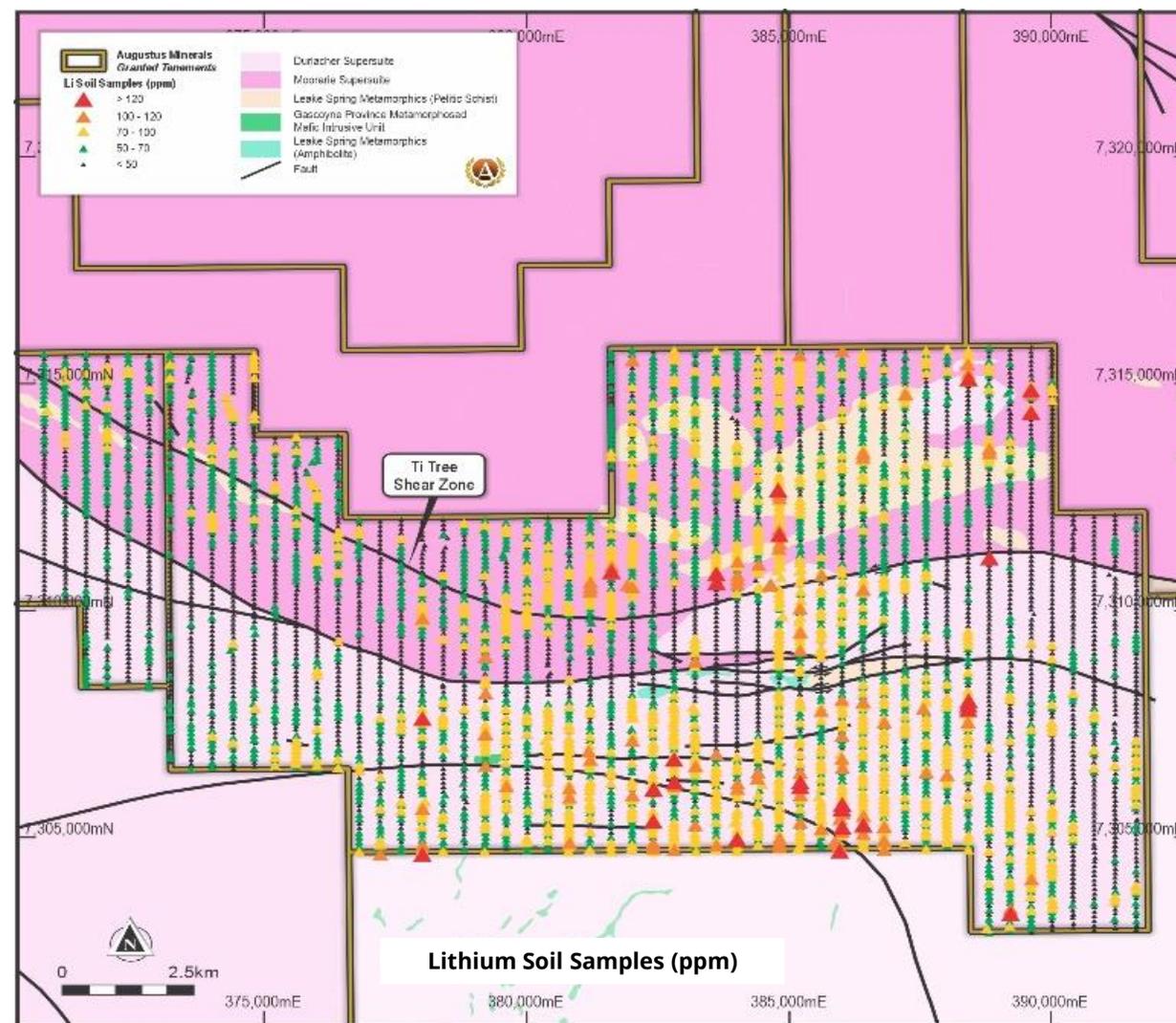
# Peak Bore - Lithium and Rare Earths

- **Lithium:**

- At Peak Bore soil sampling (UFF) identified numerous lithium results  $\text{Li}_2\text{O} > 100\text{ppm}$  and the key lithium pegmatite pathfinder element Rubidium  $> 400\text{ppm}$
- Mapping and sampling is in progress to test for Li bearing pegmatites
- 9km x 8km

- **Rare Earths:**

- Ongoing targeting and rock chip sampling of prospective rocks is continuing
- Recent Peak Bore rock chip sampling returned up to 1,591ppm TREO<sup>1</sup>



# Ti-Tree Shear Project Summary

## Money Intrusion Copper-Nickel

Massive to disseminated mineralisation in mafic host rocks  
VTEM Survey

## Tiberius/Claudius Copper-gold-lead-zinc-silver

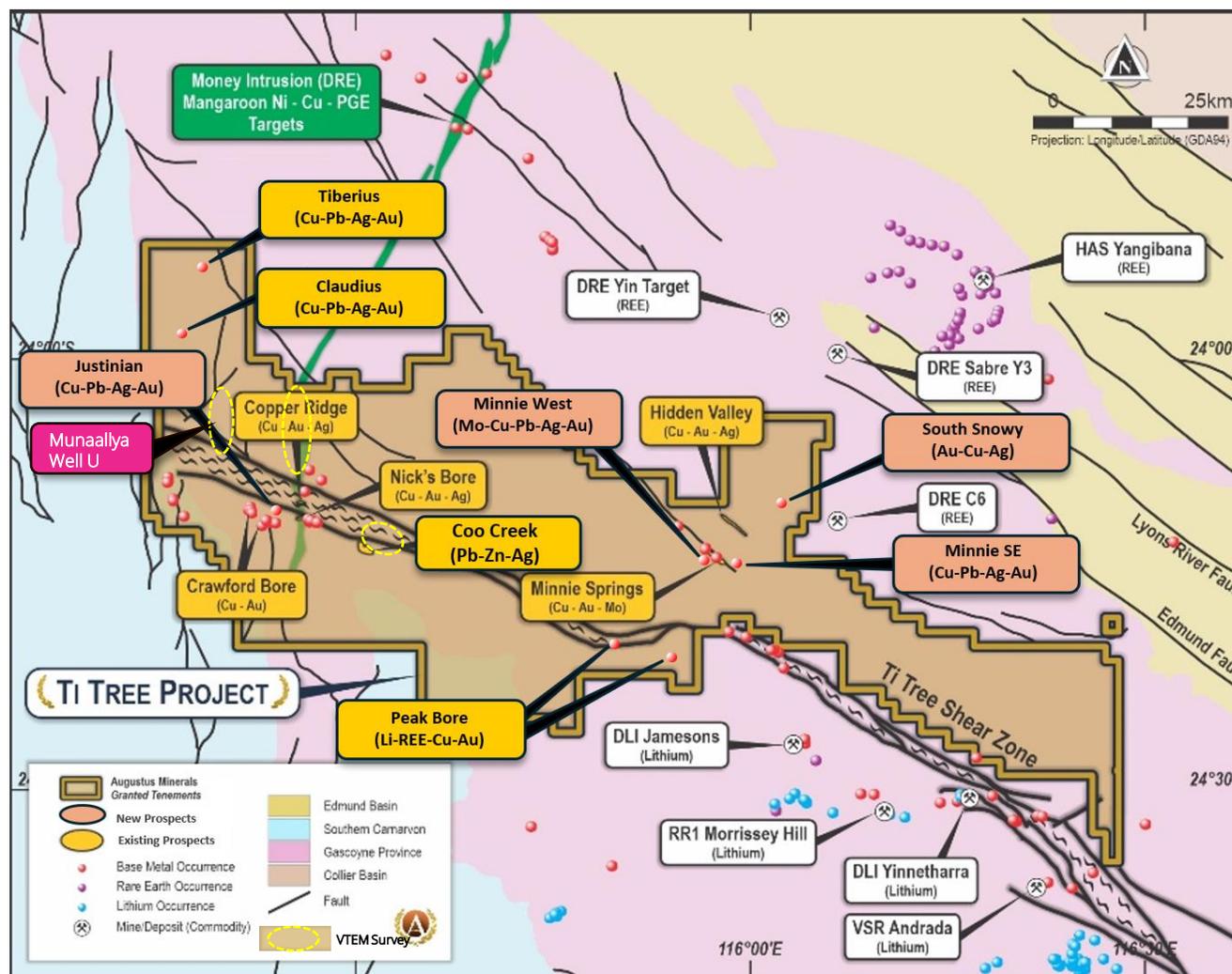
Sulphide rich veins in granite  
High grade Cu in rock chips to 18% Cu, 282g/t Ag, 20% Pb  
Soil sampling, rock chips, mapping

## Justinian Gold-Copper

Gold bearing quartz veins along granite-metamorphic contact to 10.1g/t Au  
Soil Sampling, rock chipping, mapping

## Coo Creek Lead-zinc-silver

Broken Hill Style Target  
Strongly anomalous assays in 2023 RC drilling, gravity anomaly. VTEM Survey



## Munaballya Well Uranium

Weathered Devonian carbonate beds have focussed uranium mineralisation.  
Unconformity style at Devonian/Proterozoic contact. VTEM Survey

## Minnie Springs Copper-Molybdenum<sup>1</sup>

Sheared monzogranite with quartz veining  
Historic Drilling:

- 60m @ 640ppm Mo from 10m (MRC10)
- 18m @ 910ppm Mo from 32m (MRC8)
- 14m @ 1,082ppm Mo from 20m (MRC7)

Deep diamond drilling  
Ongoing mapping/sampling of extensions

## South Snowy Copper-gold-silver

Rock chips to 31.6% Cu, 3.26g/t Au and 129g/t Ag<sup>3</sup>.  
Ongoing mapping and rock chip sampling.

## Peak Bore Lithium-rare earths<sup>2</sup>

Anomalous soil samples LiO<sub>2</sub> > 100ppm and Rubidium > 400ppm  
Rare earths in rocks to 1,594ppm TREO<sup>3</sup>

<sup>1</sup>Augustus Minerals Limited (ASX:AUG) ASX Announcement "Prospectus" on 23.05.23

<sup>2</sup>Augustus Minerals Limited (ASX:AUG) ASX Announcement "Maiden Drilling Results Ti-Tree Project" on 29 January 2024

<sup>3</sup>Augustus Minerals Limited (ASX:AUG) ASX Announcement "New High-Grade 35% Copper and 10g/t Gold Rock Chips" 11 July 2024

## Upcoming News Flow

Western Area soil sample results

Rock Chip sampling results

VTEM Survey commencement

Minnie Springs Diamond Drilling commencement

Eastern Area soil sampling results

VETM Survey results

Minnie Springs Diamond Drilling Results

Ongoing rock chip/mapping of new prospects

Finalisation of new drill targets

## Conclusions

**Early Discovery** – Progressing drill-ready and grass roots discoveries

**Highly prospective** - regional land holding (3,600km<sup>2</sup>)

**Focused on high demand commodities** – copper, gold, base metals, uranium

**Belt scale tenement coverage** – 85kms of major regional Ti-Tree Shear zone

**Underexplored tenure** - <5% of ground with modern exploration targeting

**Fully funded** - for all 2024 exploration activities



# **AUGUSTUS MINERALS**

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**Andrew Ford**  
GM Exploration

**Brian Rodan**  
Executive Chairman

**ASX:AUG**

(08) 6458 4200

[admin@augustusminerals.com.au](mailto:admin@augustusminerals.com.au)

[www.augustusminerals.com.au](http://www.augustusminerals.com.au)

