### AUGUSTUS MINERALS LIMITED

### Investor Presentation

February 2024

ASX:AUG

# Leading Gascoyne Mineral Explorer

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)







Brian Rodan Executive Chairman

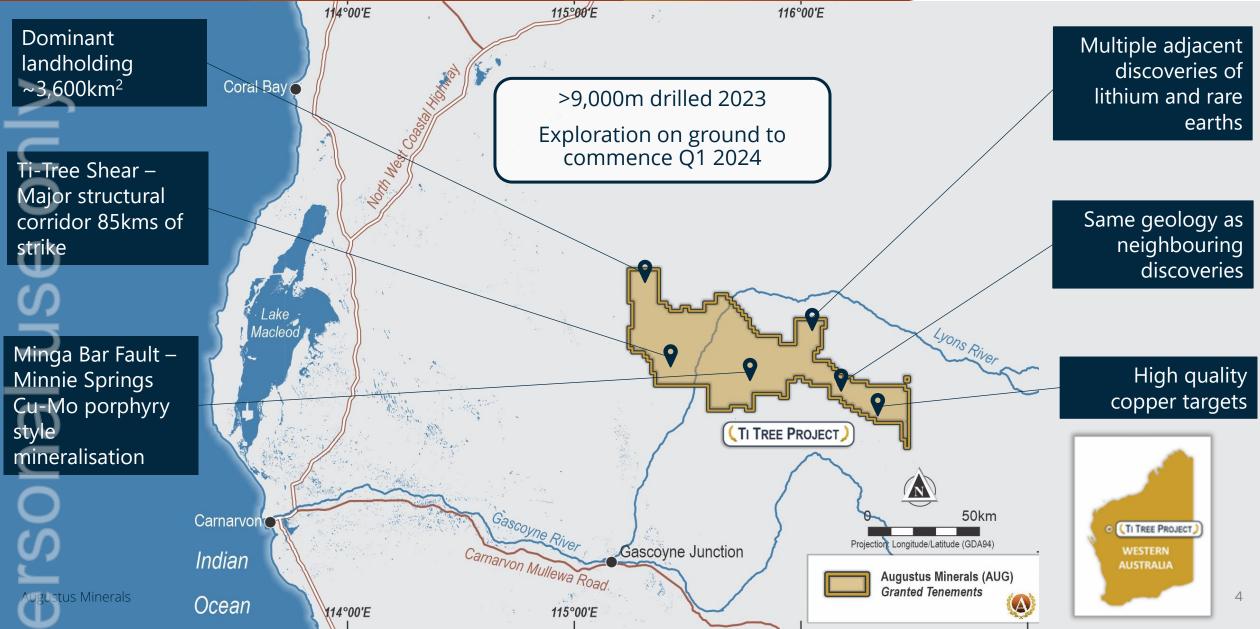
Darren Holden Non-Executive Director Andrew Reid Managing Director

Graeme Smith Non-Executive Director Broker Coverage



## Gascoyne Focused Copper-Gold-Lithium Explorer



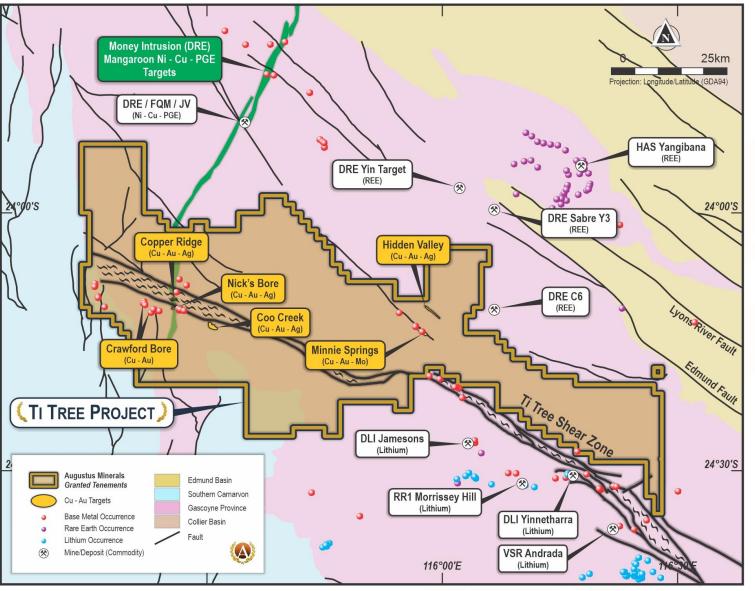


### Exploration 2024



Untested region <2% of tenure explored

- 85kms of belt-scale Ti-Tree Shear
- Endowment of critical mineral commodity anomalies
  - Copper silver molybdenum mineralisation intersected at Minnie Springs
  - First phase drill program tested geological concepts at several highly prospective targets



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## Minnie Springs: Porphyry Cu-Mo Mineralisation



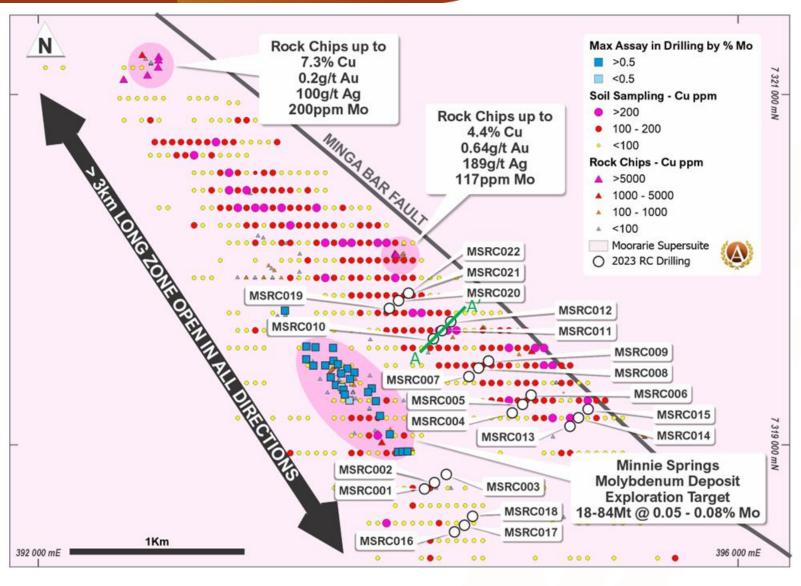
#### Copper

- 3km long Cu in soil anomaly
- Cu in Rock Chips up to 7%
- MSRC012: 18m @ 0.52% CuEq
- MSCR012: 16m @ 0.69% CuEq
  - High grade Ag up to 20g/t
  - Mo credits 100-300ppm

### 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)

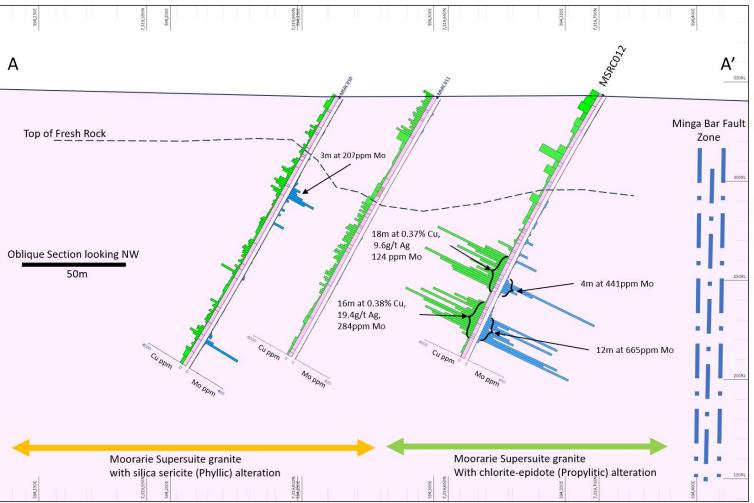


### Minnie Springs: Sulphide in RC samples



- Widespread pyrite and copper sulphide mineralisation
- Classic porphyry style rock alteration confirmed, grading from potassic to phyllic
- Disseminated and quartz vein hosted mineralisation

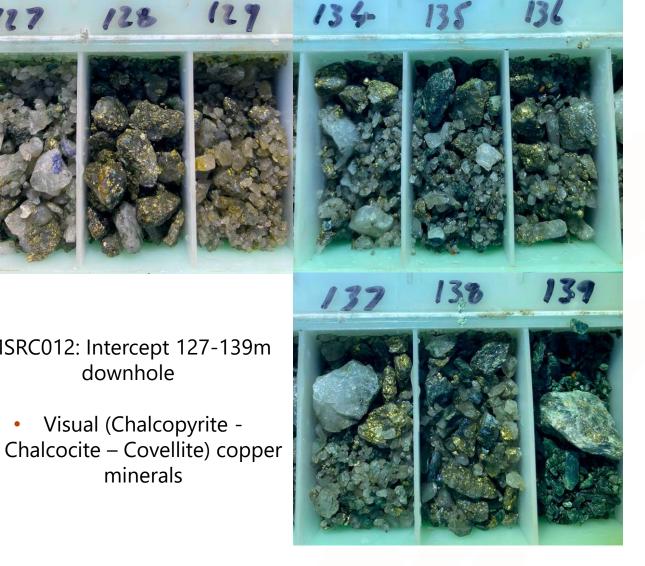




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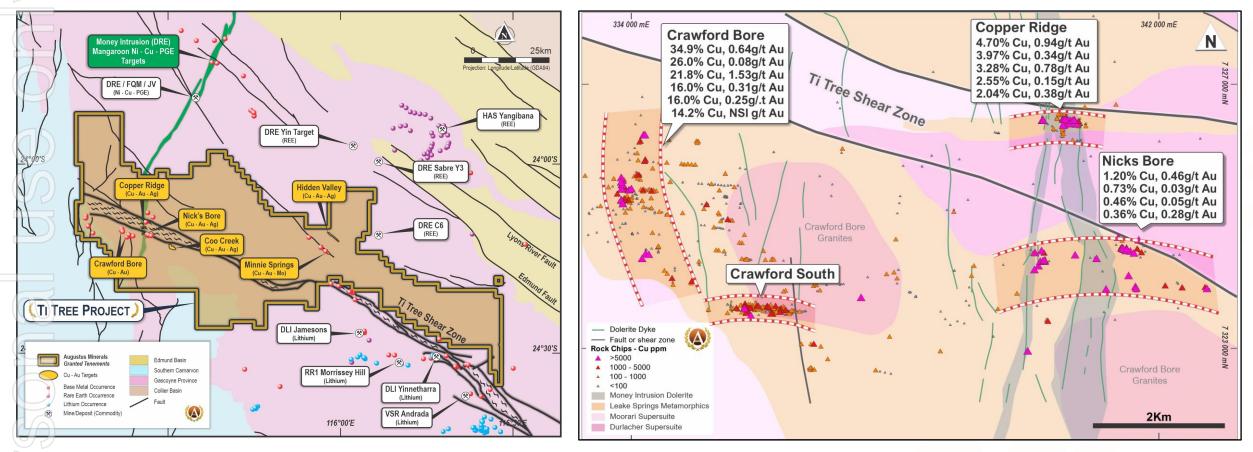




### Crawfords: Copper/Gold anomalism – 8kms x 3kms



- Intersection of Ti-Tree Shear and Money Intrusion
- Numerous rock chip samples >1% in rock chips along 1,3kms of strike

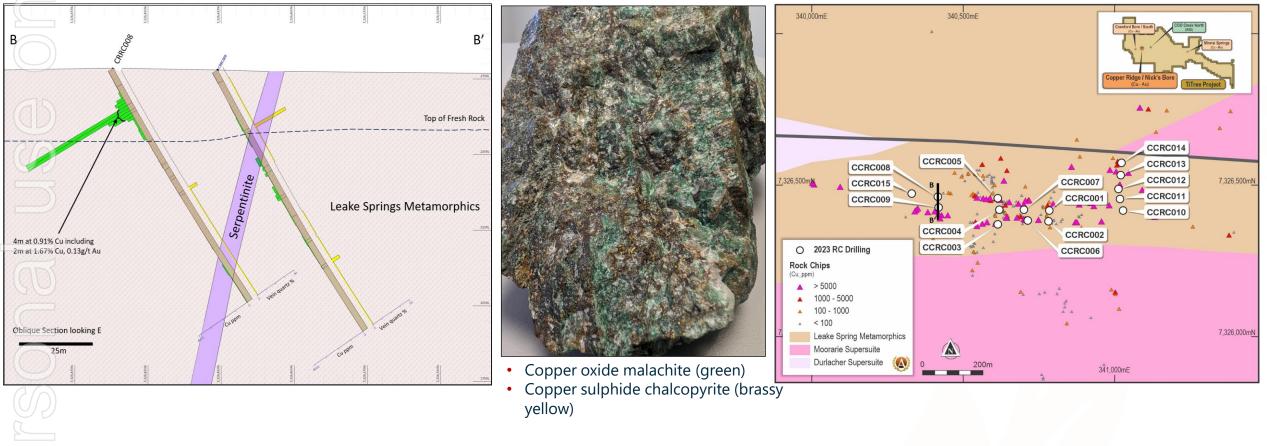


#### High-grade narrow intersections of copper >1% in 2023 drilling

### Copper Ridge: High-grade narrow vein Cu



- High-grade narrow intersections of copper >1% in 2023 drilling
- Numerous rock chip samples >1% in rock chips along 1.3kms of strike
- Rock chips define 1.7km long Cu anomalism



## Copper Ridge: Copper RC and rock chips







Copper outcrop in Leake Spring Metamorphics

### 2024 Soil sampling target generation



#### **Money Intrusion Copper-Nickel**

Massive to disseminated mineralisation in mafic host rocks EM airborne survey/IP ground survey

#### **Crawfords Prospects** Copper-gold-lead-zinc<sup>4</sup>

Leake Spring Metamorphics 4m @ 0.91% Cu including 2m @ 1.67% Cu 3m @ 0.28% Cu / 0.82g/t Ag 2m @ 0.26% Cu / 0.26g/t Ag

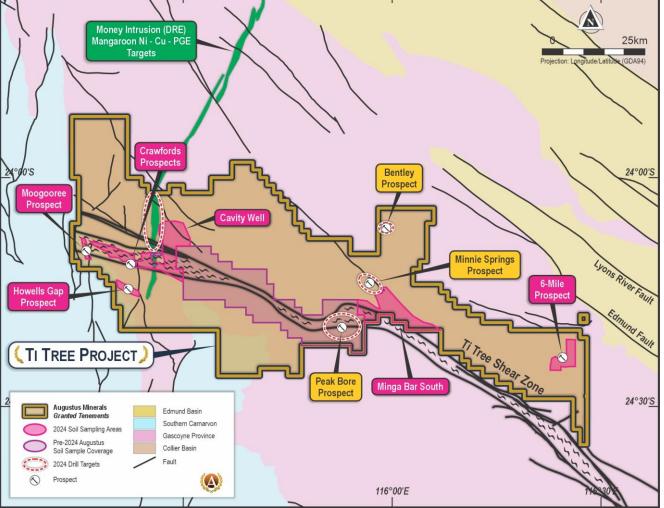


#### Moogooree Lead-zinc-uranium<sup>1</sup> Sedimentary - carbonate hosted Historic ddh 1m @ >1% Zn and 0.14% Pb Low level U in calcretes



#### **Howells Gap Copper-gold-lead-zinc** Altered Leake Spring Metamorphics No historic data

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1. AQUITAINE AUSTRALIA MINERALS PTY LTD (Annual Report to 31.12.73, Moogooree Group of Claims Gascoyne Goldfield, WA) 2. Augustus Minerals (ASX:AUG) 30 November 2024 Large lithium soil anomaly defined at Ti-Tree Project

3. WAMEX Report A075940 by Catalyst Metals Limited 2007

4. Augustus Minerals Limited (ASX:AUG) ASX Announcement "Maiden Drilling Results Ti-Tree Project " on 29 January 2024

#### **Cavity Well Copper-gold** Leake Spring Metamorphic/Moorarie Granite

hosted Possible extensions analagous to Copper Ridge

#### **Minnie Springs Copper-gold**<sup>4</sup>

Sheared monzogranite with quartz veining 16m @ 0.38% Cu & 19.43g/t Ag 18m @ 0.37% Cu & 9.69g/t Ag

#### **6-Mile Prospect** Copper-gold<sup>3</sup>

Granitic – quartz vein hosted 400m long trend of Cu-Au rock chips Historic anomalous rock chips up to 2.8% Cu and 0.45g/t Au

#### **Minga Bar South**

Copper-gold-silver-molybdenum Granite hosted copper Possible extensions to Minnie Springs mineralised trend.

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

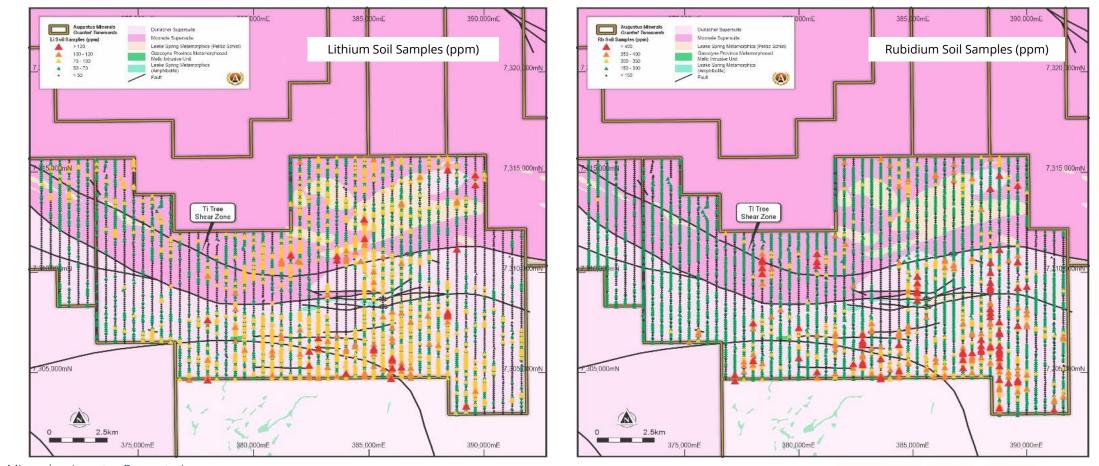
Sedimentary (Leake Spring Metamorphic) hosted Anomalous soil samples  $LiO_2 > 100ppm$  and Rubidium > 400ppm

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## Lithium targeting: Peak Bore prospect



- Soil sampling (UFF) identified numerous lithium results Li<sub>2</sub>O > 100ppm and the key lithium pegmatite pathfinder element Rubidium > 400ppm
- First pass reconnaissance mapping has identified outcrop of mafic greenstone and Leake Spring Metamorphics rock units which host spodumene pegmatites in the region



## Rare Earth targeting: Bentley prospect



- Prospective outcrops of ironstones hosting rare earth elements identified at the Bentley prospect
- Bentley has similarities in style to the Yin (Dreadnought) and Yangibana (Hastings) deposits just 20-40kms to the north
- Yin and Yangibana host ~60Mt of ironstones comprising rare earths with NdPr:TREO >30% (world class)
- Potential for new discoveries in highly unexplored terrain
- Follow up RC drilling is scheduled for later in the year



### **Investment Opportunity**



- Copper Market unprecedented growth
  expected
- **Fully funded -** for all 2024 exploration activities
- **Early Discovery** focused high-impact drilling during 2024
  - **Belt scale tenement coverage** 85kms of major regional Ti-Tree Shear zone
- Highly prospective regional land holding (3,600km<sup>2</sup>)
- **Underexplored tenure -** <2% of ground with modern exploration targeting
- **Focused on high demand commodities** – copper, lithium, rare earths



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### AUGUSTUS MINERALS LIMITED

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