



**AUGUSTUS  
MINERALS**  
LIMITED

**Annual General  
Meeting**

**17 November 2023**

**ASX: AUG**

**Critical Minerals in the Gascoyne**

**Ti Tree Shear Project  
Gascoyne Region, WA**

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The information in the Presentation Materials relating to exploration results, exploration targets, mineral resources and ore reserves has been reported by the Company in accordance with the 2012 Edition of the 'Australasian Code for Reporting of Exploration results, Mineral Resources and Ore Reserves' (JORC Code) previously (refer to the Company's prospectus, available on the Company website at:

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Company confirms that it is not aware of any new information as at the date of the Presentation Materials that materially affects the information included in the Presentation Materials and that all material assumptions and technical parameters underpinning the estimates in the Company's prospectus continue to apply and have not materially changed.

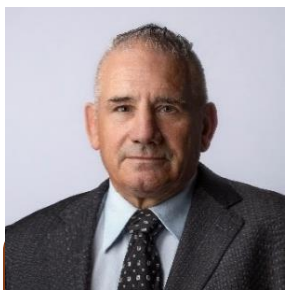
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# Corporate Overview



# Company Snapshot



**Brian Rodan**  
Executive Chairman  
FAUSIMM

45+ years' mining experience, MD and owner of Australian Contract Mining Pty Ltd (ACM), that successfully completed \$1.5 billion worth of work over a 20 year period.

He is currently Executive Chairman of Siren Gold (SNG) and of Icen Gold Limited (ICL) and was a founding Director of Dacian Gold Ltd 2013 and Desert Metals Ltd 2020 and the largest shareholder upon listing both companies on the ASX.

Brian Rodan  
Executive Chairman



**Andrew Reid**  
Managing Director  
B.Sc. (Hons), Msc, FAUSIMM

30+ years' experience in the resources industry, with 20 years of expertise in mine management. Previously COO at Hastings Ltd developing the Yangibana Rare Earths project, prior to that held COO positions with Finders Resources and BCM International.

Andrew Reid  
Managing Director

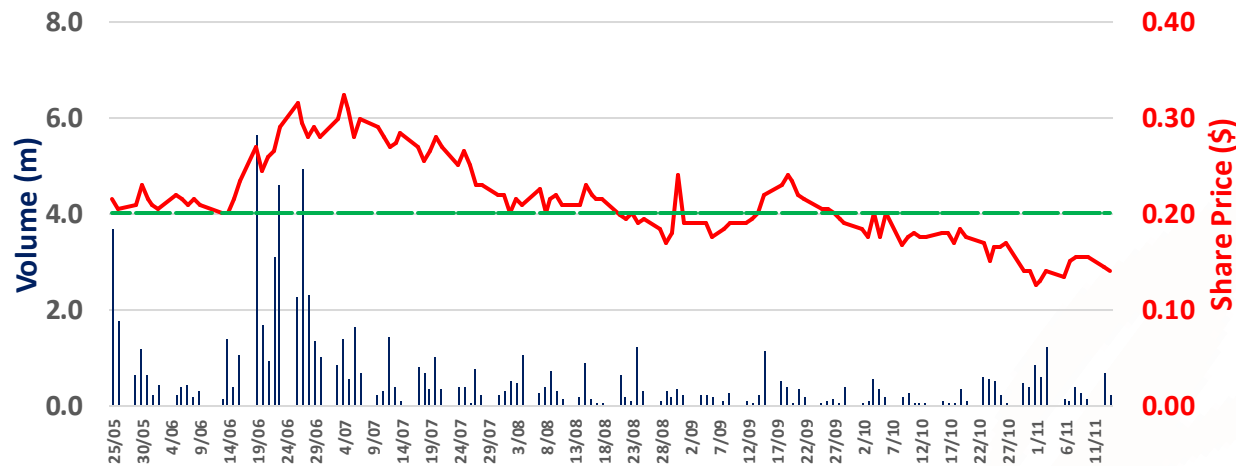


**Andrew Ford**  
General Manager - Exploration  
B.Sc. (Hons), MAUSIMM

35+ years of exploration and mine development experience in multiple commodities for both majors, including Homestake and Barrick Gold, and junior ASX listed companies. Has led technical teams throughout Australia, Africa, USA, Europe and Asia, including leading the geology team at the Bawdwin base metals project in Myanmar and the Hastings Technology Metals with a focus on resource growth and exploration at the Yangibana Rare Earths Project.

Andrew Ford  
General Manager  
Exploration

## AUG Stock Performance



### ASX Code

**AUG**

### Market Cap

**\$20.41m (at \$0.155)**

### Shares

**136.1m**

### Major Shareholders

**41% Board & Management**

### Cash

**\$7.4m (sep 30)**

### Enterprise Value

**13.01m**

### Options

**16.77m**

### Top 20 Shareholders

**~68%**

# Upper Gascoyne Explorers

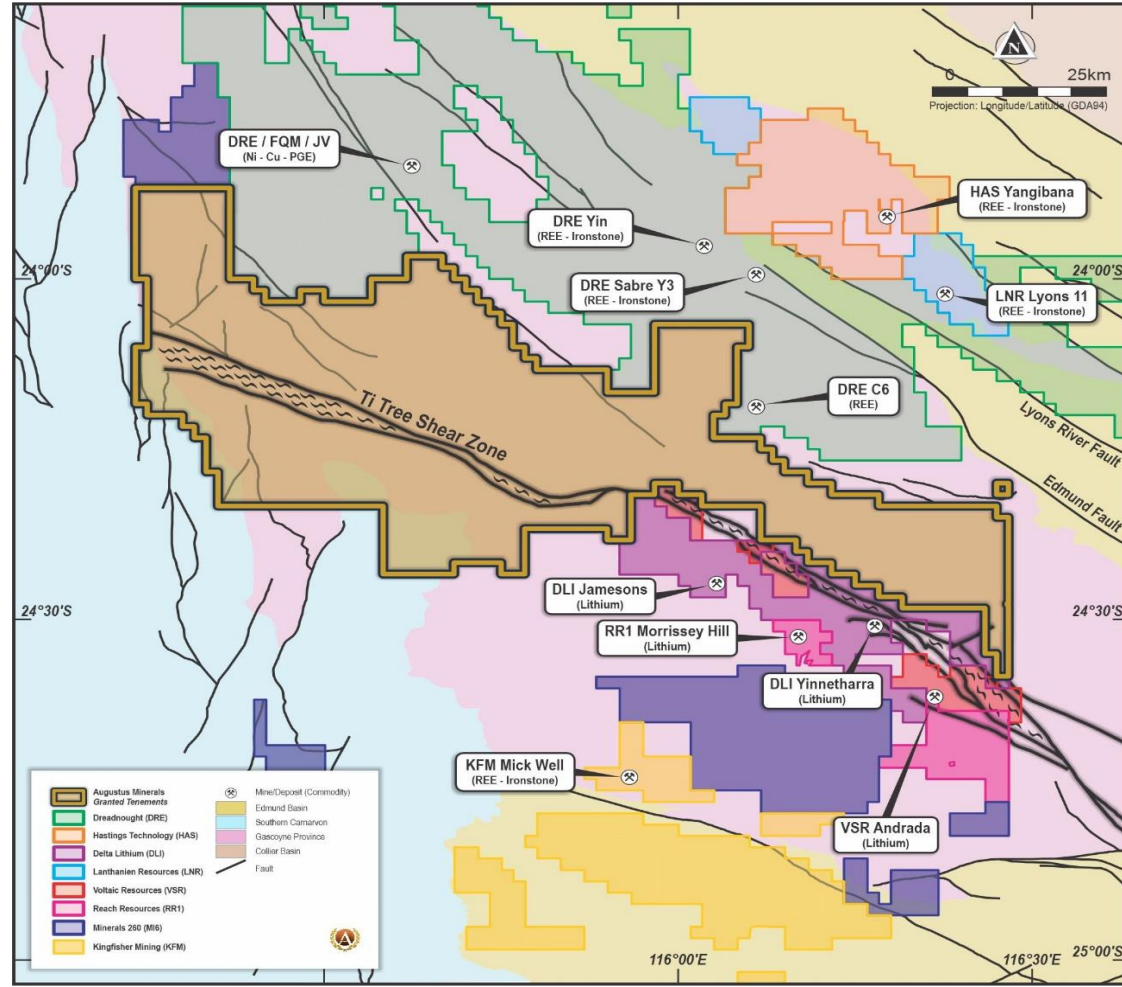


## Dreadnought Resources

- (ASX:DRE)
- 100m thick REE Intercepts @ Yin
  - Cu/Ni JV massive and disseminated sulphides
  - **120.06Mt @ 1.03 TREO**

## Delta Lithium

- (ASX:DLT)
- 33 rigs going to 8 in short term
  - 250-300,000m, 2,000 holes to be drilled
  - **47m @ 1.3% Li<sub>2</sub>O**
  - **44m @ 0.84% Li<sub>2</sub>O**
  - **18.5m @ 1.1% Li<sub>2</sub>O**



## Hastings Technology

- (ASX:HAS)
- Stage 1 of construction complete
  - **Yangibana Mineral Resource: 229.93Mt @ 0.93% TREO**

## Lanthanite Resources

- (ASX:LNR)
- **41Mt @ 0.32% TREO**

## Voltaic Strategic Resources

- (ASX:VSR)
- > 300 pegmatites mapped
  - Drilling intersected large low-grade pegmatites

## Minerals 260 Ltd

- (ASX:M16)
- 5km long continuous lithium trend

# Augustus Minerals Investment Proposition



## Hot emerging Geological province

- Little historic regional exploration
- Highly prospective geology
- Multiple discoveries of rare earths and lithium deposits in region in recent years

## Multi-Commodity discovery opportunity

- Emerging province for critical minerals discoveries
- Lithium, rare earths and copper targets

## Large land holding Early mover advantage

- 3,600km<sup>2</sup> in single coherent block of tenements
- 150km end to end
- 85km of strike along the Ti-Tree Shear

## Fertile Geology

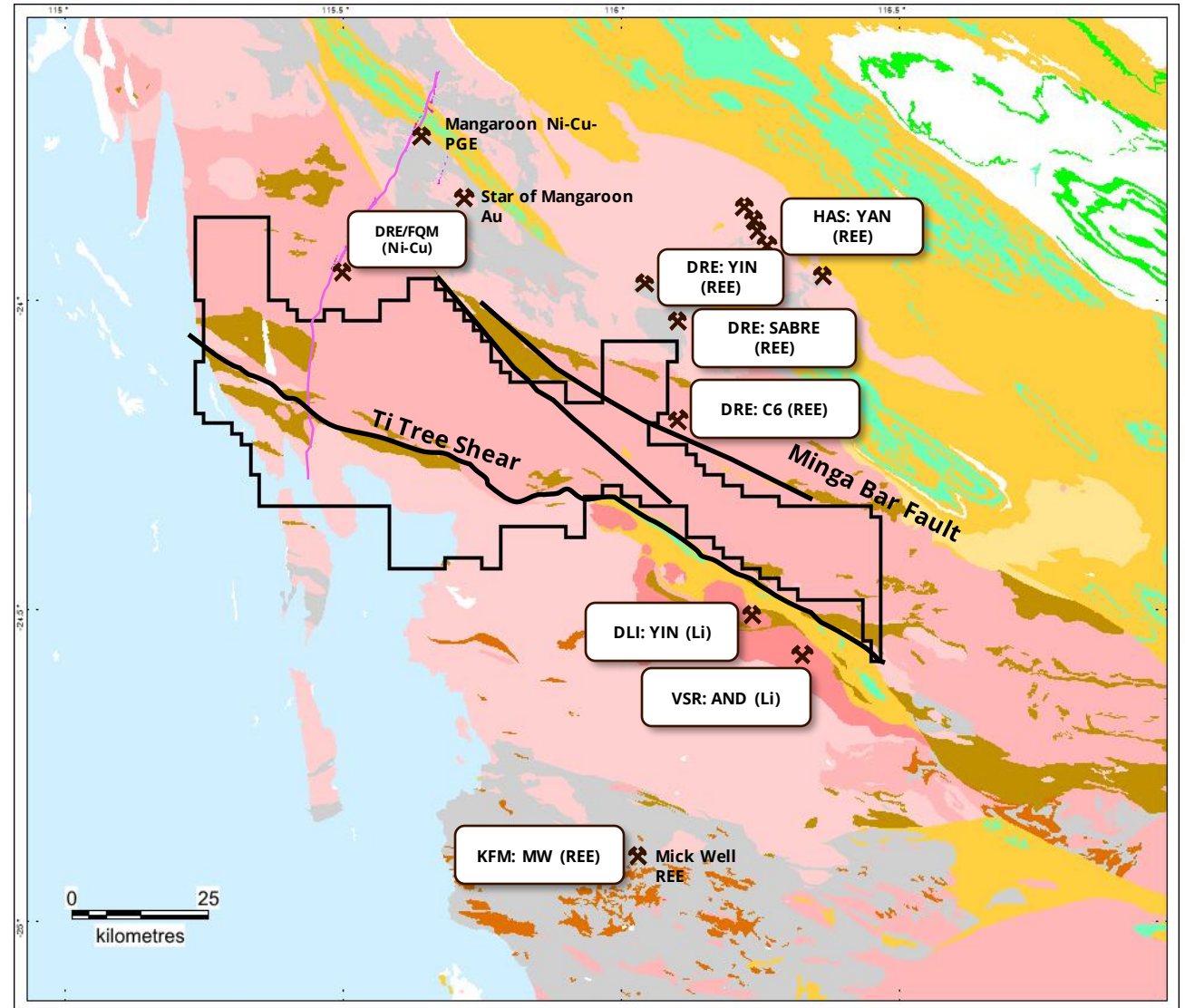
- Same geology as neighbouring discoveries
- Little to no modern exploration activity

## Outstanding Targets

- Drilled 6 key targets within first 6 months
- New targets being generated

## Experience

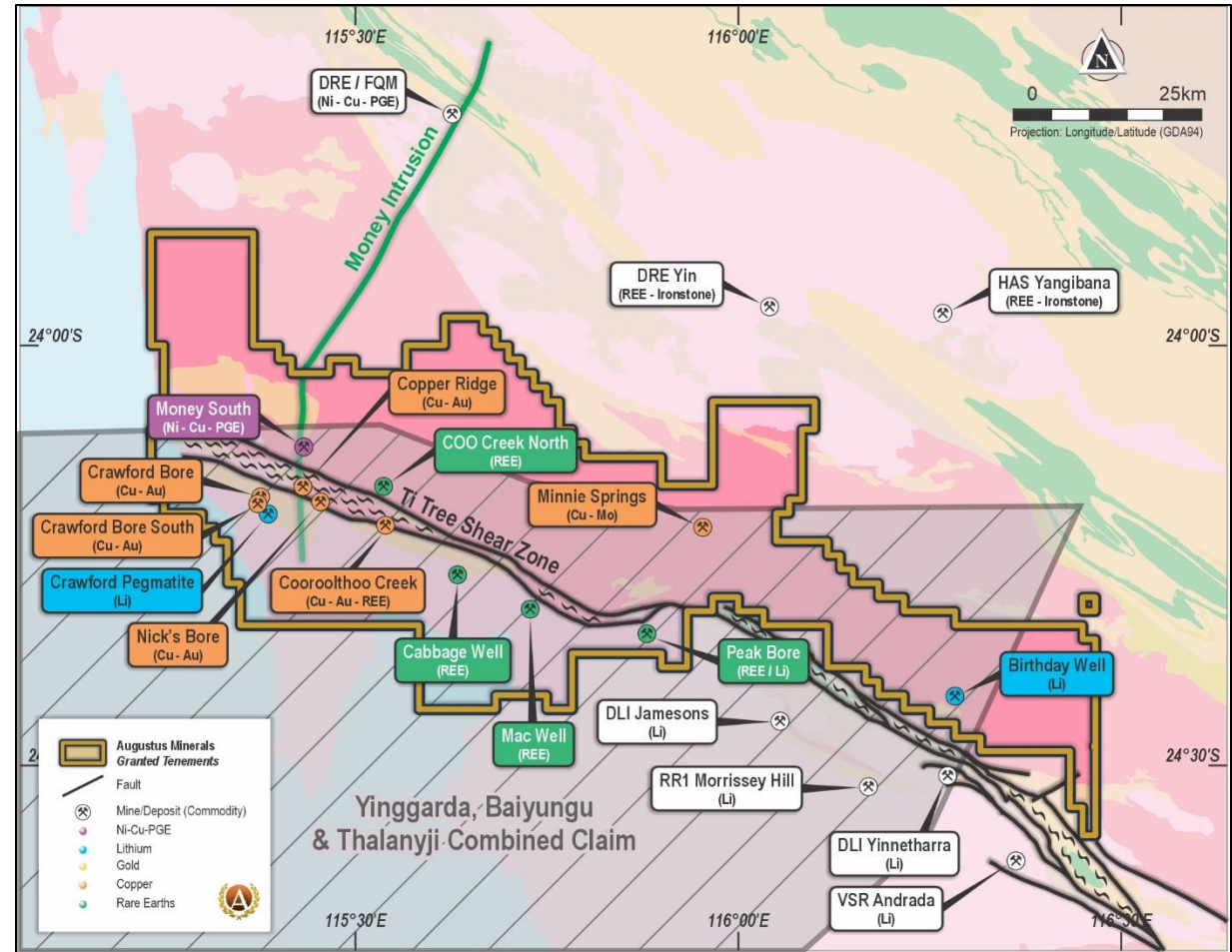
- MD & Exploration Manager with significant local knowledge exploring the Gascoyne



## Heritage Surveys were conducted within the Yinggarda Claim Area

Prospects that were surveyed and approved for drilling between August – October included;

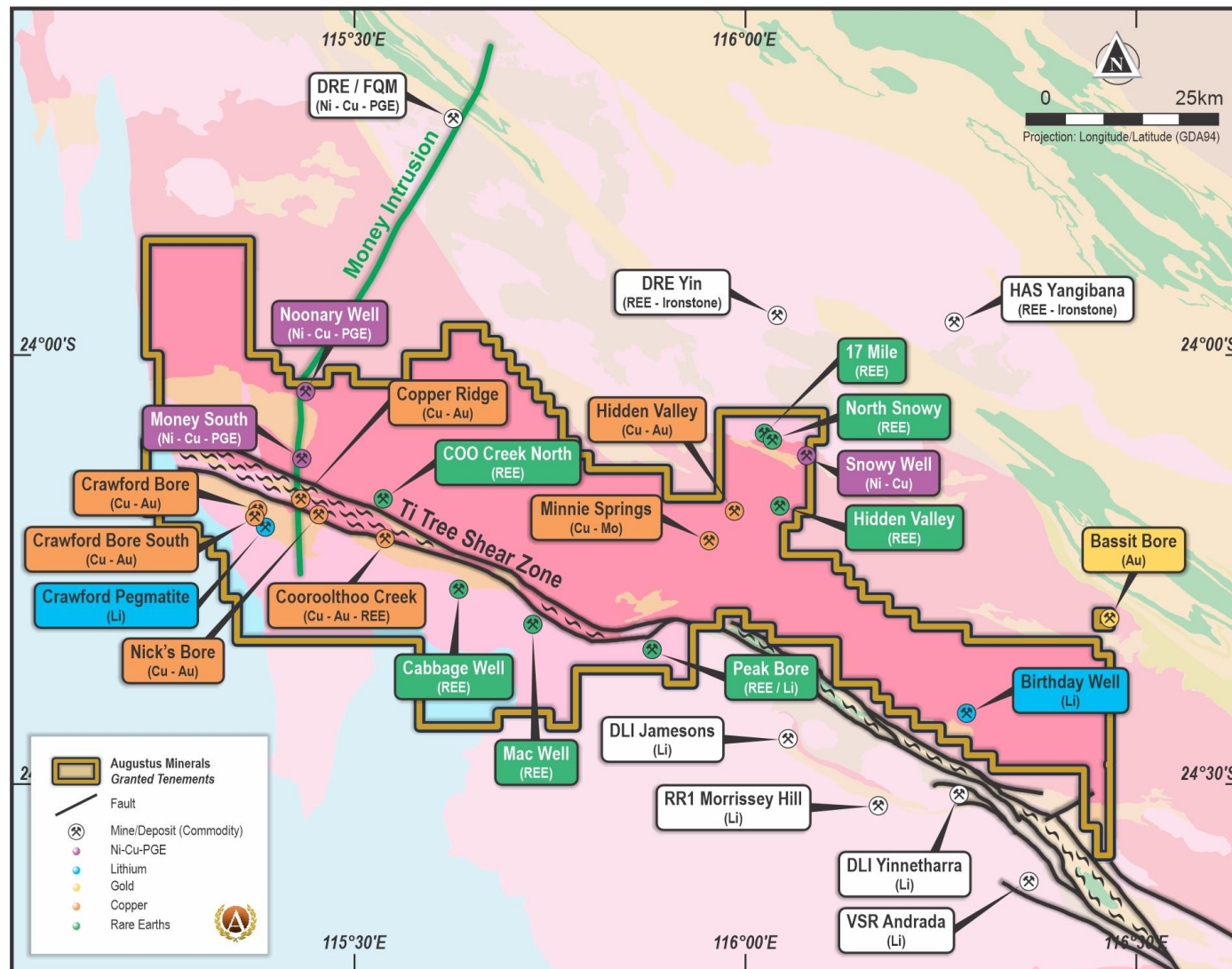
- Coo Creek
- Copper Ridge
- Crawford Bore
- Crawford Bore South
- Nick's Bore
- Minnie Springs



## 85kms of belt-scale Ti-Tree Shear hosting an endowment of critical mineral commodities

### Copper – Porphyry/Shear/Qtz Hosted

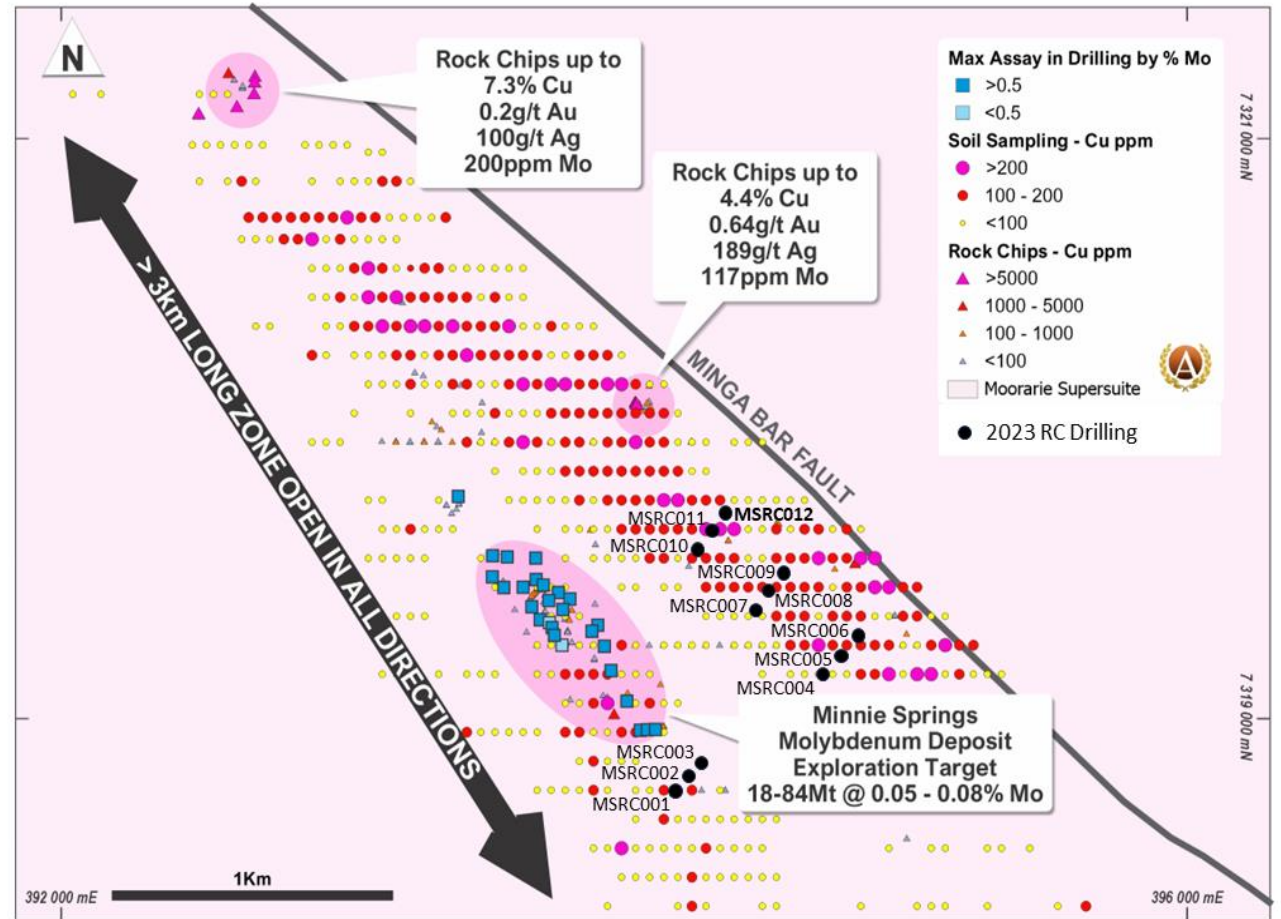
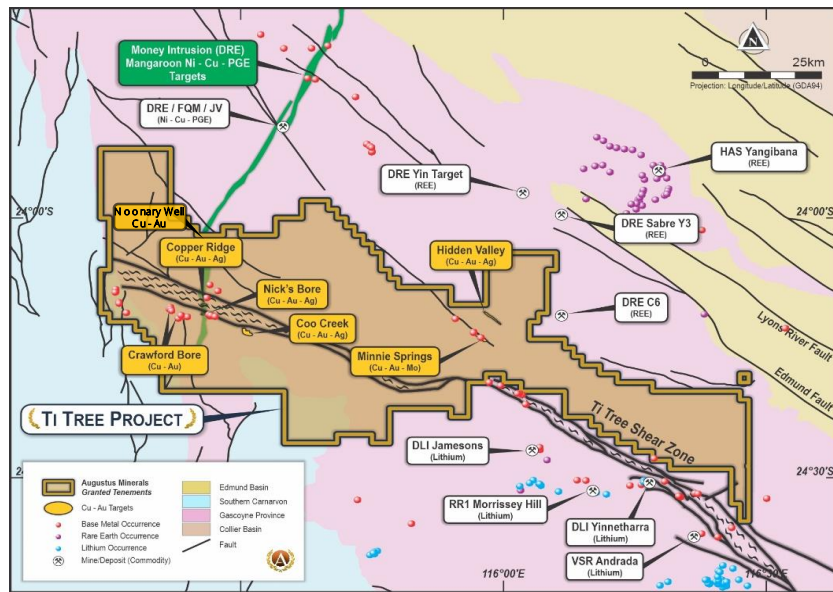
- Shear and Porphyry hosted deposit settings are our primary focus
- Drill targets that are well developed, have history and are ready to go
- Drilled Targets to Date:
  - Coo Creek
  - Copper Ridge
  - Crawford Bore
  - Crawford Bore South
  - Nick's Bore
  - Minnie Springs



# Minnie Springs – Porphyry Style Cu-Mo Mineralisation

## Minnie Springs

- 3km long Cu in soil anomaly
- Cu in Rock Chips up to 7%
- 18 holes completed, 3 holes remain
- 2,280m drilled to date



# Minnie Springs – sulphide RC samples

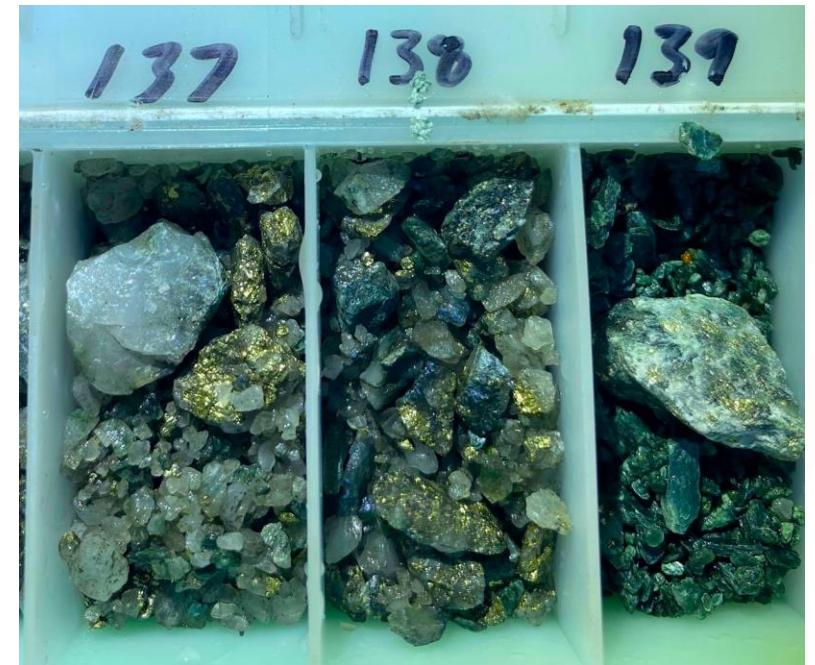
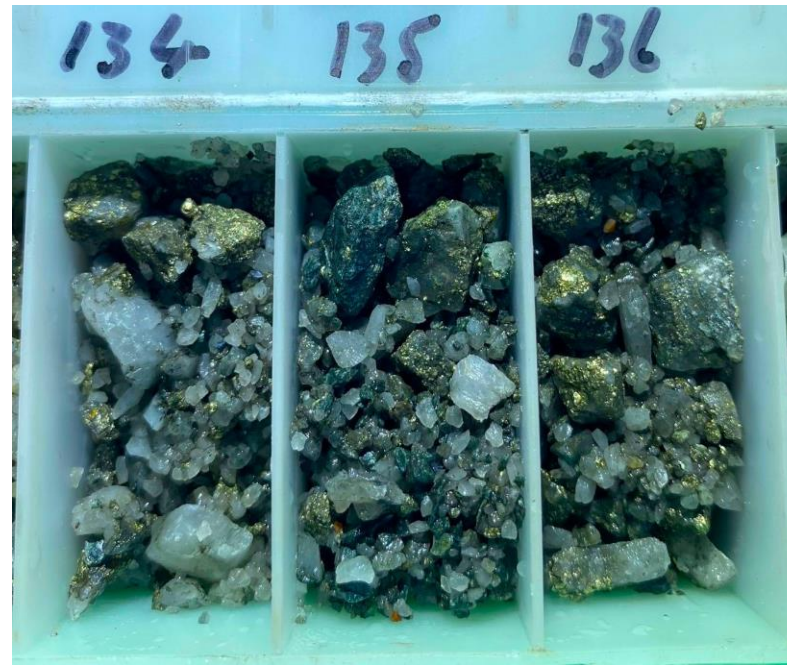
- MSRC012: 82-138m multiple zones of copper sulphide mineralisation



- Widespread epidote/chlorite alteration
- Widespread silicification
- Widespread pyrite distribution
- Sheeted quartz veining containing copper sulphides
- Extremely sheared Monzogranite next to fault zone

# Minnie Springs – sulphide RC samples

| Hole ID | From (m) | To (m) | Interval (m) | Mineralisation Style     | Sulphide Type                                     | Visual Estimate Sulphide %    |
|---------|----------|--------|--------------|--------------------------|---|-------------------------------|
| MSRC012 | 126      | 139    | 12           | Disseminated/<br>Blebbly | Pyrite<br>Chalcopyrite<br>Chalcocite<br>Covellite | 5-30%<br>1-2%<br>1-3%<br>1-2% |



Sulphides species observed:

Pyrite ( $\text{FeS}_2$ ) – pale yellow sulphide that contains no Cu mineralisation.

Chalcopyrite ( $\text{CuFeS}_2$ ) – bright yellow to golden sulphide that contains ~34.5% Cu by weight.

Covellite ( $\text{CuS}$ ) – commonly purple secondary/redox enriched sulphide that contains ~66.5% Cu by weight.

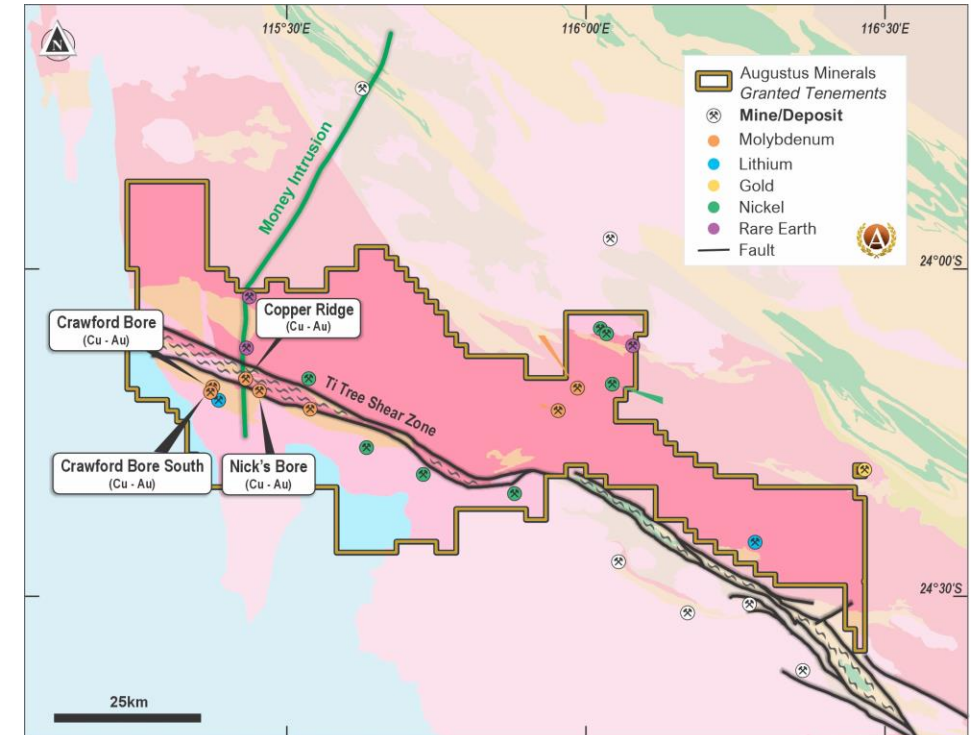
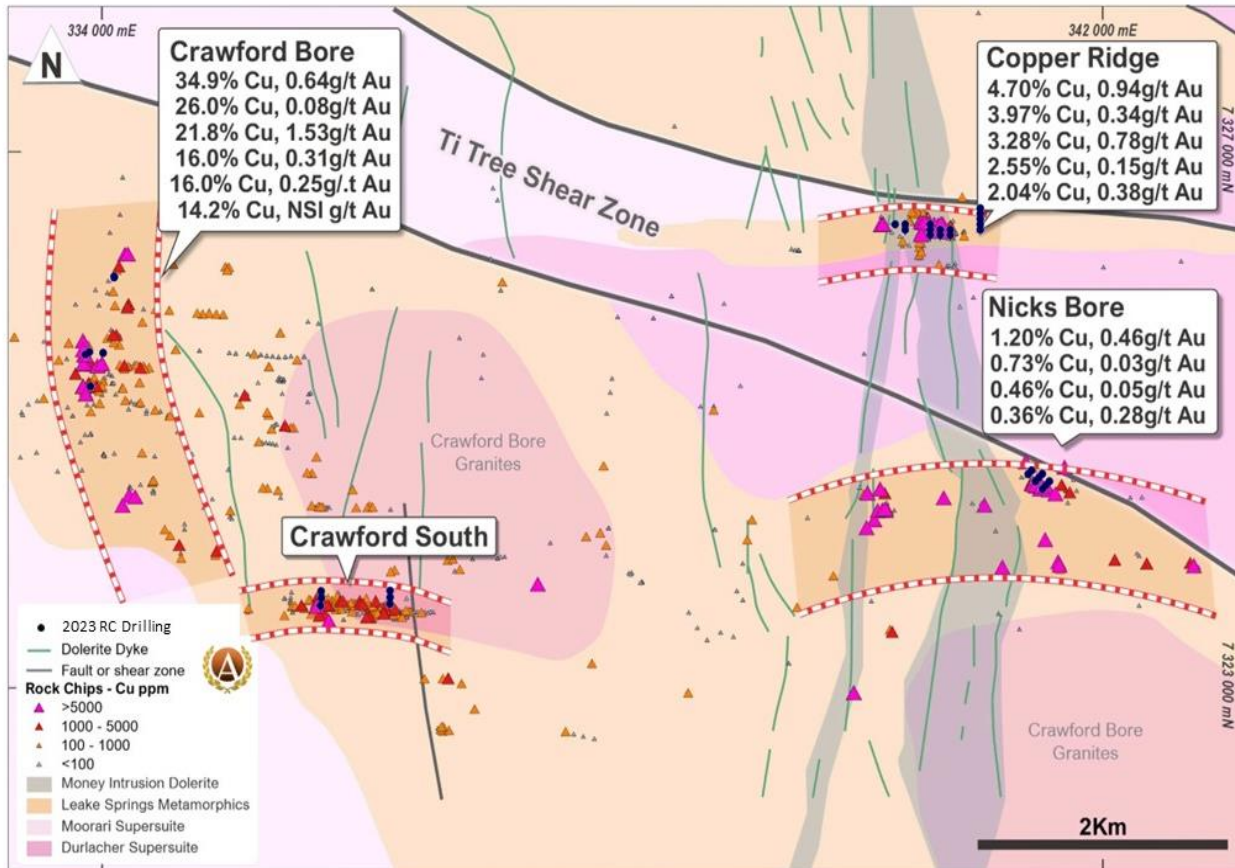
Chalcocite ( $\text{Cu}_2\text{S}$ ) – black secondary/redox enriched contains ~79.8% Cu by weight.

Bornite ( $\text{Cu}_5\text{FeS}_4$ ) – brassy yellow to blue to green to purple sulphide that contains ~63% Cu by weight.

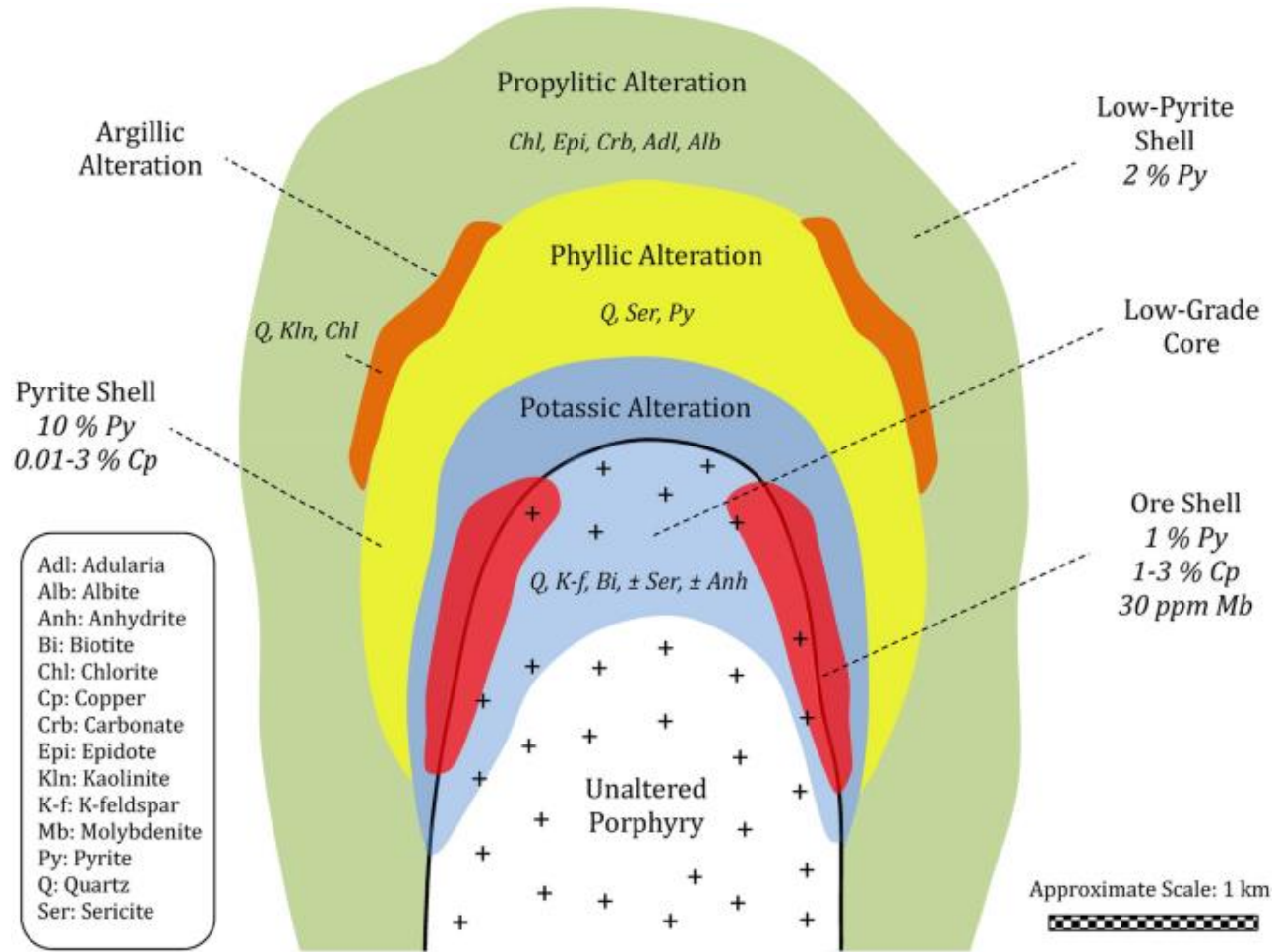
# Crawford-Copper Ridge Area - Large Copper/Gold System - 8kms x 3kms

**Copper up to 35%, elevated gold in rock chips**  
**Substantial copper anomalism at surface**

- Crawford Granites intruding Leake Spring Metamorphics intersected by the Money Intrusion
- Significant zones of polymetallic mineralisation highly elevated in Cu/Au.
- Copper Ridge mapped over 1,300m.
- Limited historical drilling



# Minnie Springs – looking for porphyry's



- Drilling indicates phyllic alteration is dominant beneath copper in soil anomaly
- Some potassic alteration noted on geological logs, particularly near Molybdenum zone
- Geophysics to determine if there are deeper targets
- DDH drilling in 2024 based on Geophysical targets

Typical cu-au-mo porphyry emplacement model

# Copper Oxide Minerals – Copper Ridge



CRRC008: 14-16m downhole

Malachite – 58% copper content

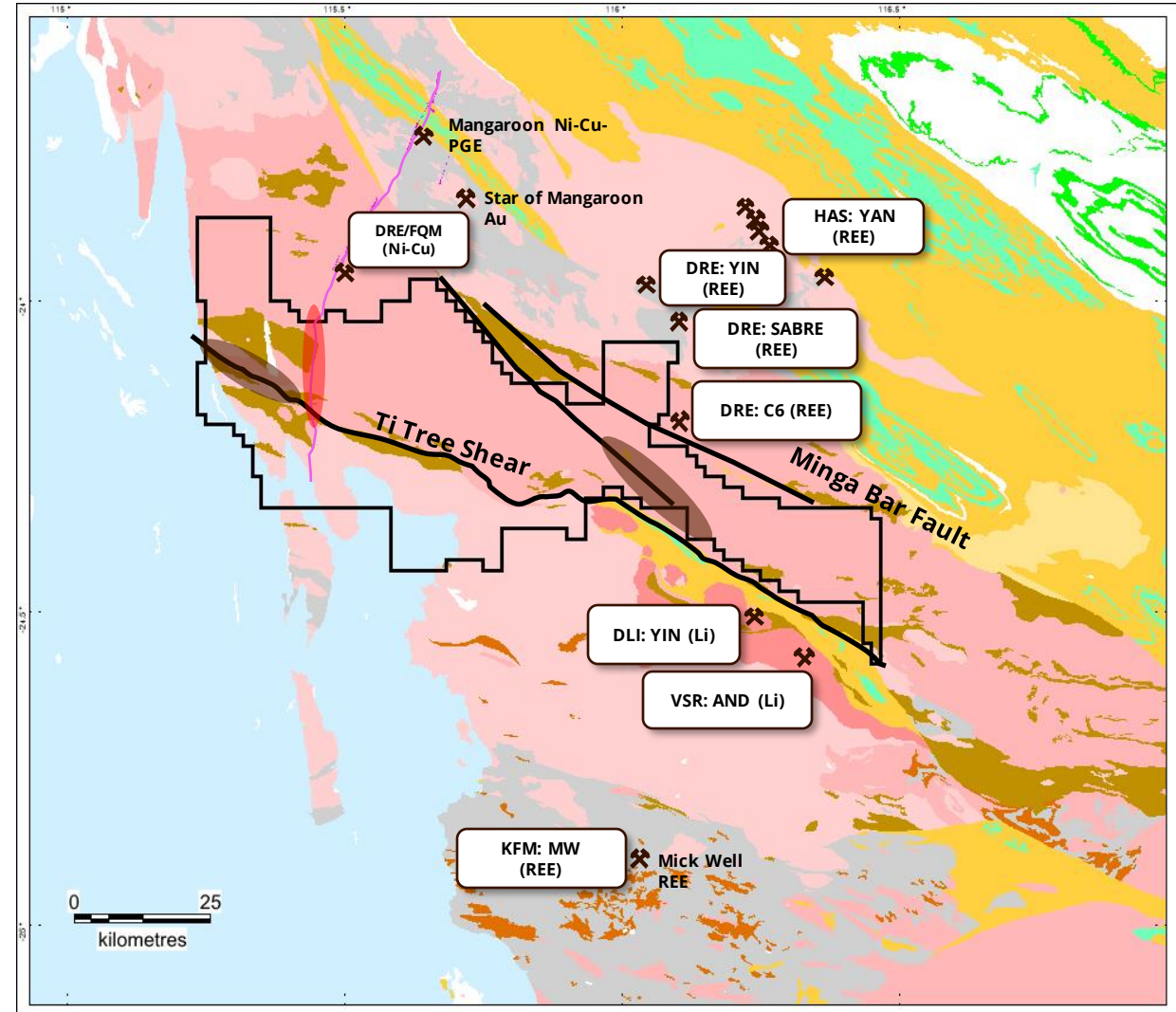
| Prospect       | Holes completed | Metres Drilled |
|----------------|-----------------|----------------|
| Nick's Bore    | 8               | 828            |
| Copper Ridge   | 12              | 1,246          |
| Crawford Bore  | 6               | 560            |
| Crawford South | 6               | 744            |
| Coo Creek      | 15              | 1,424          |
|                | <b>47</b>       | <b>4802</b>    |



- Surface mapping has confirmed several ironstone zones at the Ti-tree project.
- Bentley zone has been mapped over a strike length of approximately 400m.
- Rock chip sample results up to 1,283ppm Total rare earth oxides
- Aboriginal Heritage survey during 2024
- RC Drilling to follow survey

# Future Exploration Works

- Collate, analyse and develop 2024 drill programs from new 2023 drill information
  - Looking for a March drilling re-commencement
- Complete Geophysical targeting for Ni-Cu-PGE's along the Money Intrusion from Copper Ridge – tenement boundary (17kms of strike)
- Soil sampling across western portion of the Ti-Tree Shear, little to no information here to date.
- Soil sampling along the Minga Bar fault for repetitions of Minnie Springs Cu-Mo mineralisation
- Geophysics across Minnie Springs to test for deeper targets



# Key Takeaways

## Ground

**Dominant Gascoyne Land Holding** in a highly prospective terrane

## Ti-Tree Shear

**Belt scale tenement coverage** of major regional shear zones

## Gascoyne

**Multiple recent** Lithium and Rare Earth discoveries

## Targets

**Drilled 6 key targets within first 6 months**

## Opportunity

**Significant potential** for multi commodity discovery

## Size

**Secure tenement holding** - 3,600km<sup>2</sup> - 100% owned

## Team

**Quality Management** with substantial local Gascoyne experience

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.

## References

- 1 Dreadnought Resources Ltd (ASX:DRE) ASX Announcement "40% Increase in Resource Tonnage at Yin - Mangaroon on 05.07.23
- 2 Hastings Technology Metals (ASX:HAS) ASX Announcement "Drilling along 8km long Bald Hill – Fraser's trend Increases Indicated and Measured Resources by 50%" on 11.10.22
- 3 Delta Lithium Limited (ASX:DLI) ASX Announcement "Investor Presentation" on 13.11.23
- 4 Lanthanein Resources (ASX:LNR) ASX Announcement "Maiden Mineral Resource Estimate at Lyons Project" on 25.10.23



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**Thank you**

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**Andrew Reid**  
Managing Director

**ASX: AUG**

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**Lithium – Rare Earths - Copper  
Critical Minerals**

**Ti Tree Shear Project  
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