



19 July 2023

# Lithium – Rare Earths - Copper Critical Minerals

Ti Tree Shear Project Gascoyne Region, WA

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## Corporate Overview



## **Company Snapshot**



Brian Rodan Executive Chairman



Andrew Reid Managing Director



Andrew Ford General Manager Exploration 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 Iceni 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.

#### Andrew Reid

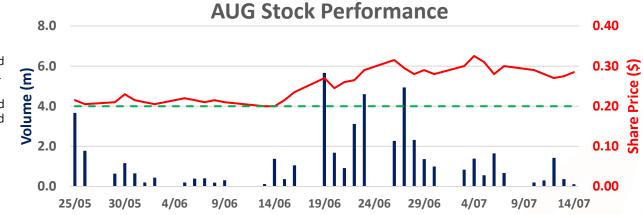
### Managing Director

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 Ford
	General Manager - Exploration
1	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.

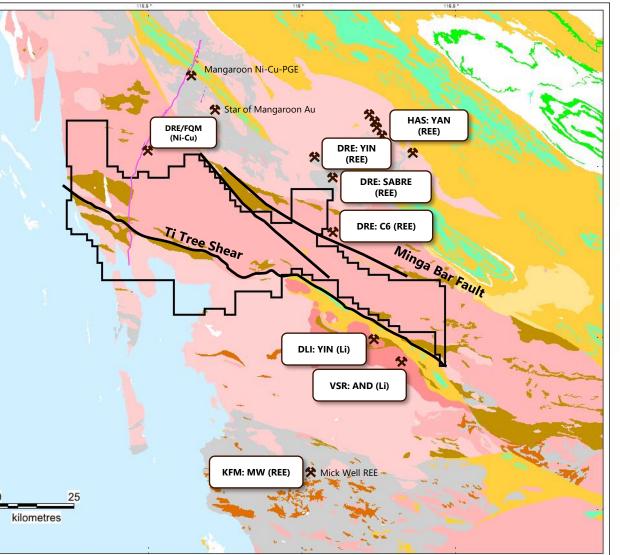


ASX Code	Cash
AUG	\$10m
Market Cap	<b>Enterprise Value</b>
\$37.43m (at \$0.285)	27.43m
Shares	Options
136.1m	16.77m
Major Shareholders	Top 20 Shareholders
41% Board & Management	~68%

# Augustus Minerals Investment Proposition



Hot emerging Geological province	<ul> <li>Little historic regional exploration</li> <li>Highly prospective geology</li> <li>Multiple discoveries of rare earths and lithium deposits in region in recent years</li> </ul>	18.
Multi-Commodity discovery opportunity	<ul> <li>Emerging province for critical minerals discoveries</li> <li>Lithium, rare earths and copper targets</li> </ul>	÷.
Large land holding Early mover advantage	<ul> <li>3,600km<sup>2</sup> in single coherent block of tenements</li> <li>150km end to end</li> <li>85km of strike along the Ti-Tree Shear</li> </ul>	
Fertile Geology	<ul> <li>Same geology as neighbouring discoveries</li> <li>Little to no modern exploration activity</li> </ul>	- 900 -
Outstanding Targets	<ul> <li>\$5m spent on project to date</li> <li>Numerous high quality targets generated</li> </ul>	
Experience	<ul> <li>MD &amp; Exploration Manager with significant local knowledge exploring the Gascoyne</li> </ul>	N Kilometres



# **Exploration Strategy**



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

### Lithium – Pegmatites

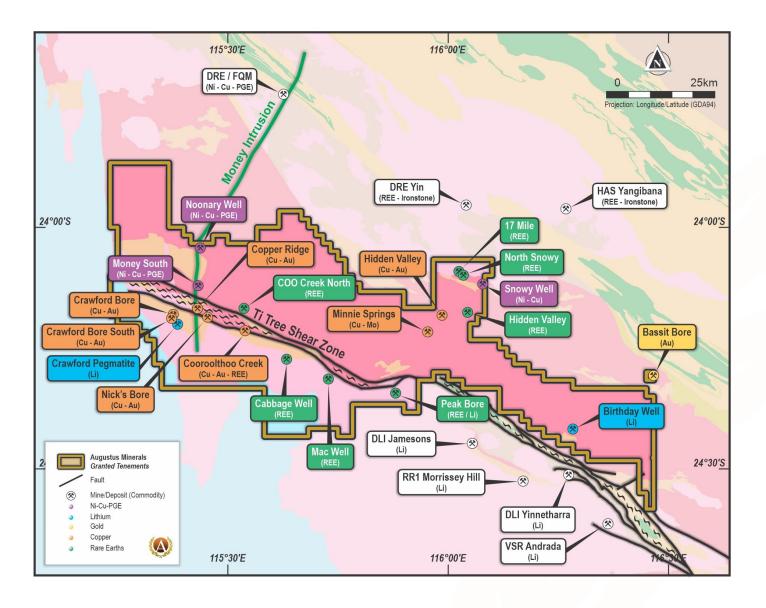
• Large, high grade Lithium bearing pegmatites are key focus

### **Rare Earths - Ironstones**

 Searching for REE rich Ironstones which are known to frequent the Gascoyne

### **Copper – Porphyry/Shear Hosted**

Shear and Porphyry hosted deposit setting are our primary focus



## Neighbouring Discoveries



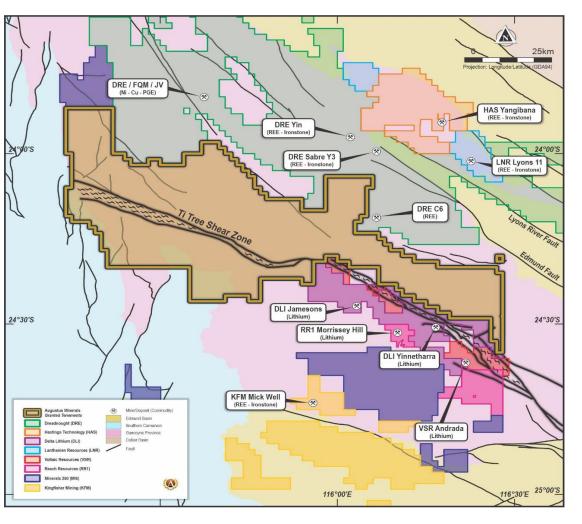
## Dreadnought Resources

- Multiple Ironstone REE Discoveries
- Cu/Ni JV with First Quantum
- Yin Mineral Resources:
   120.06Mt @ 1.03% TR

## <sup>1</sup>20.06Mt @ 1.03% TREO

## Delta Lithium

- Yinnetharra Lithium Discovery
- Multiple drill rigs on site
- <sup>2</sup>29m @ 1.5% Li<sub>2</sub>O
- <sup>2</sup>36m @ 1.1% Li<sub>2</sub>O
- <sup>2</sup>30m @ 1.1% Li<sub>2</sub>O
- >20 new pegmatites mapped at Jameson's



### Hastings Technology (ASX:HAS)

- Yangibana Ironstone REE Project
- Yangibana Mineral Resource: 329.93Mt @ 0.93% TREO

### Lanthanein Resources (ASX:LNR)

Lyons Ironstone REE Project

### Voltaic Strategic Resources (ASX:VSR)

- >300 pegmatites mapped
- Thick pegmatites intercepted in drilling
- REE in clays at NEO prospect

### Minerals 260 Ltd (ASX:MI6)

Numerous pegmatites mapped

<sup>1</sup> ASX(DRE): 5<sup>th</sup> July 2023, 40% Increase in Resource Tonnage at Yin – Mangaroon <sup>2</sup> ASX(DLI): 4<sup>th</sup> July 2023, Further Exceptional Drill Results From Yinnetharra

Augustus Minerals – Investor Presentation

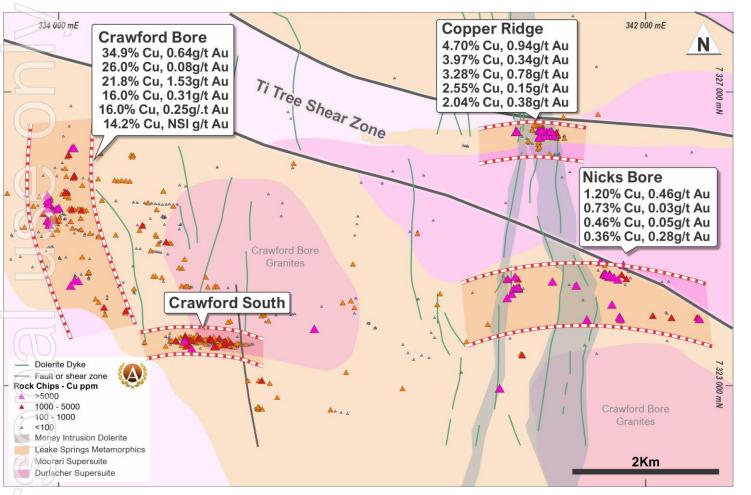
The Gascoyne Province is the best emerging mineral discovery province in Australia

 $^3$  ASX(HAS):  $6^{\rm TH}$  Feb 2023, Yangibana Ore Reserve Increase by 25%

## Large Copper/Gold System – 8kms x 3kms



## **Copper up to 35%, gold up to 245g/t in rock chips**



- 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 600m.
- Limited historical drilling

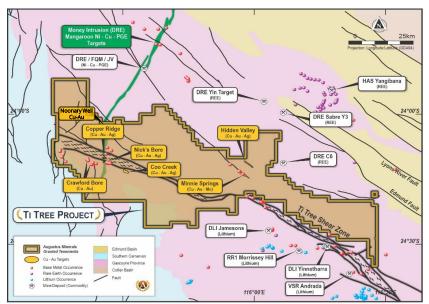


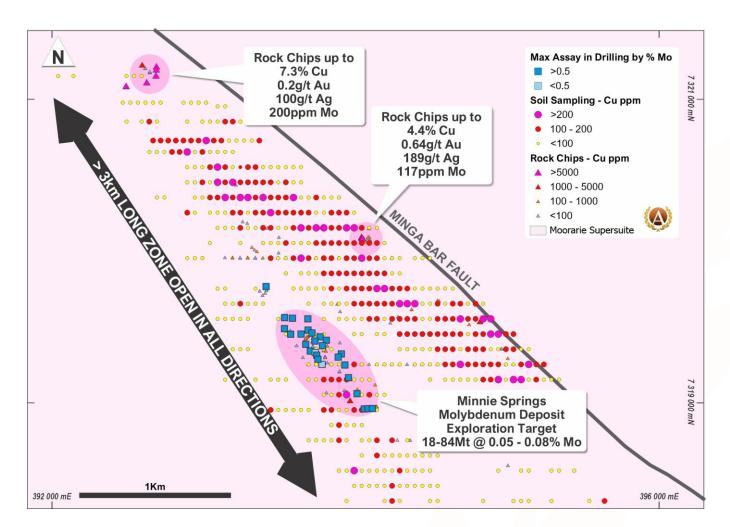
# Minnie Springs – Porphyry Style Cu-Mo Mineralisation



## **Minnie Springs**

- 3km long Cu in soil anomaly
- Cu in Rock Chips up to 7%
- No drilling to date
- Large adjacent Molybdenum deposit with some historic drilling



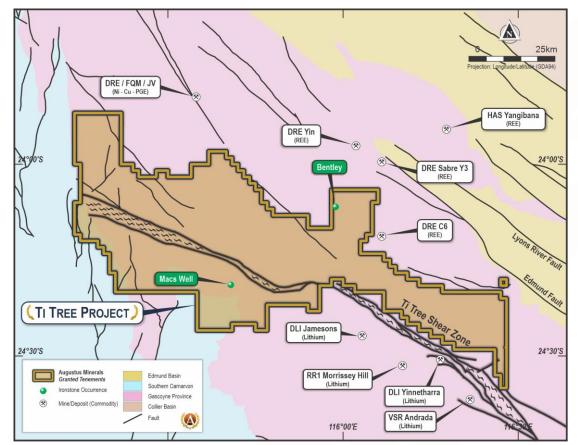


## Rare Earths – Several Ironstones Discovered



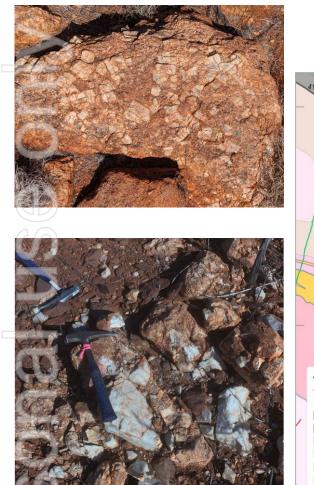
- Ironstone mapped over 400m at new Zone called Bentley
- Ironstone at Mac's Well large radiometric anomaly needs drill testing
- ~50Mt of ironstone Mineral Resources hosting REE already defined by Dreadnought and Hastings



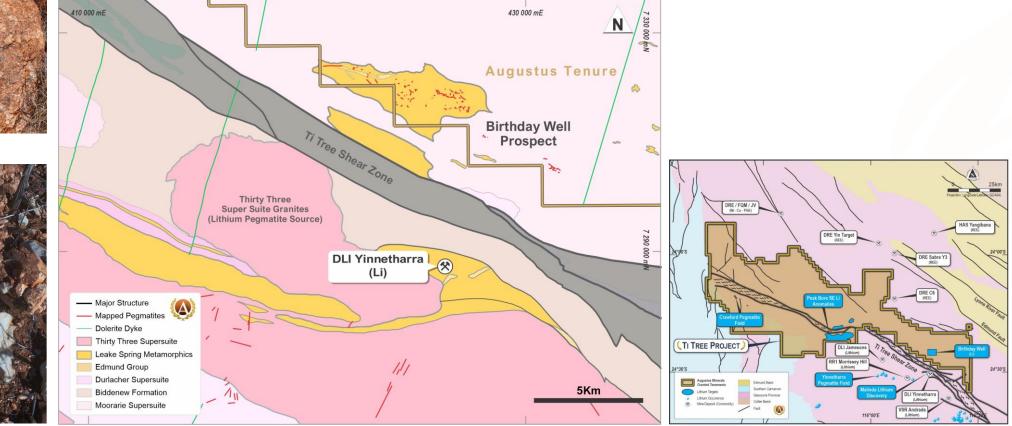


# Lithium Pegmatites – Birthday Well





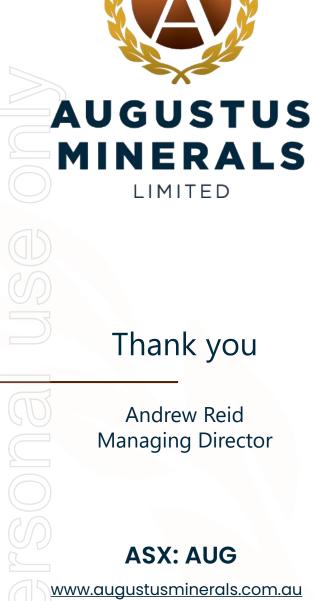
- Same geological host rock (Leak Spring Metamorphics) as Yinnetharra lithium discovery only 5kms away
- Multiple pegmatites mapped and sampled to date



# Key Takeaways



Ground	Dominant Gascoyne Land Holding in a highly prospective terrane	
Ti-Tree Shear	Belt scale tenement coverage of major regional shear zone	
Gascoyne	Multiple recent Lithium and Rare Earth discoveries	an a
Targets	<b>Multiple priority 1 targets across multiple commodities</b> - \$5m and 5 years of work prior to going public	
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	



Thank you

LIMITED

Andrew Reid Managing Director



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

Ti Tree Shear Project Gascoyne Region, WA