



Discovering Tomorrow's Battery Metals **TODAY**

ASX:GRE

September 2023



Experienced Board of Directors



Thomas Reddicliffe
Executive Director



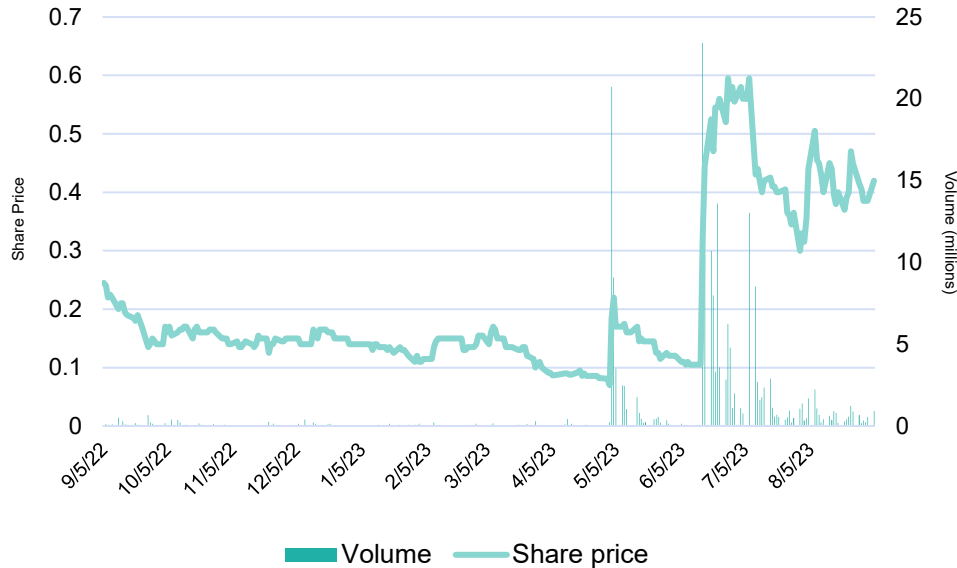
Guy Robertson
Non-Executive Director
Company Secretary



Rod Webster
Non-Executive Director

- Listed ASX January 2022
- Focus on battery minerals
- Small experienced executive team
- Broad range of mining industry experience
- Portfolio of quality exploration assets
- Achievements
 - over **100% increase in resources at Whundo to 6.2 Mt @ 1.12% Cu, 1.04% Zn**
 - Discovery of a **significant lithium pegmatite swarm with assay returns as high as 3.6% Li₂O**

Market Information



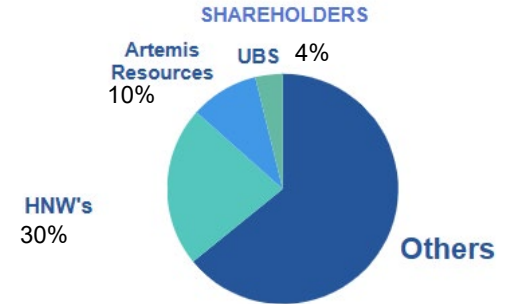
Shares on Issue
69.8m

Share Options
16m

Cash at Bank
~\$4m

Market Cap
~\$30m*
*as at 04/08/23

Shareholders
Top 5: ~33%
Top 20: ~50%



Project Portfolio

Battery Metal Exposure



✓ Lithium

- Pilbara



✓ Copper

- Pilbara, Windimurra, Mawson



✓ Nickel

- Pilbara, Windimurra, Mawson, Dundas



West Pilbara Projects

225km² under tenure prospective for:

- Mafic intrusion hosted NiS
- VMS style Cu-Zn-Co deposits
- Lithium pegmatite

➡ Lithium: Ruth Well and Osborne Projects

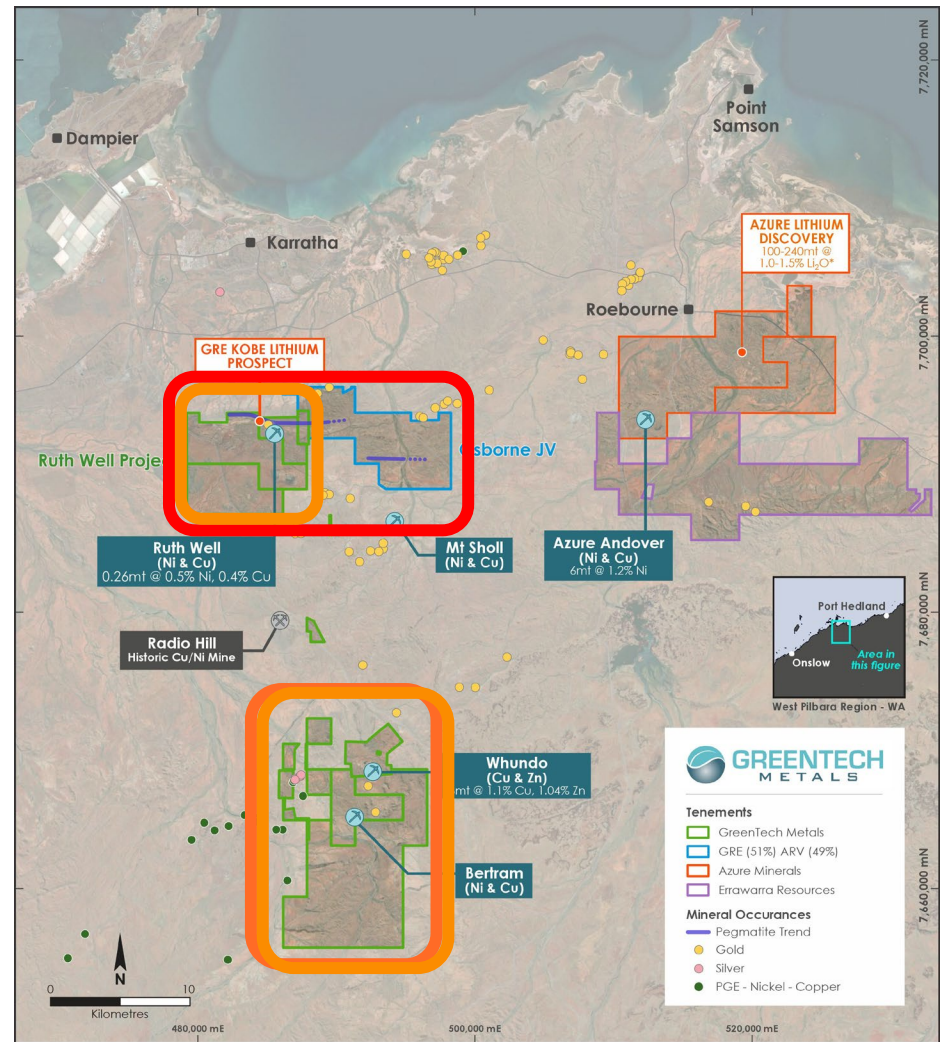
- A new & exciting lithium discovery – assays return a high of **3.6% Li₂O**

➡ Copper / Zinc: Whundo - Ayshia Projects (100%)

- Indicated & Inferred resources JORC 2012 of **6.2Mt at 1.12% Cu and 1.04% Zn** (c.133kt Cu and Zn metal)

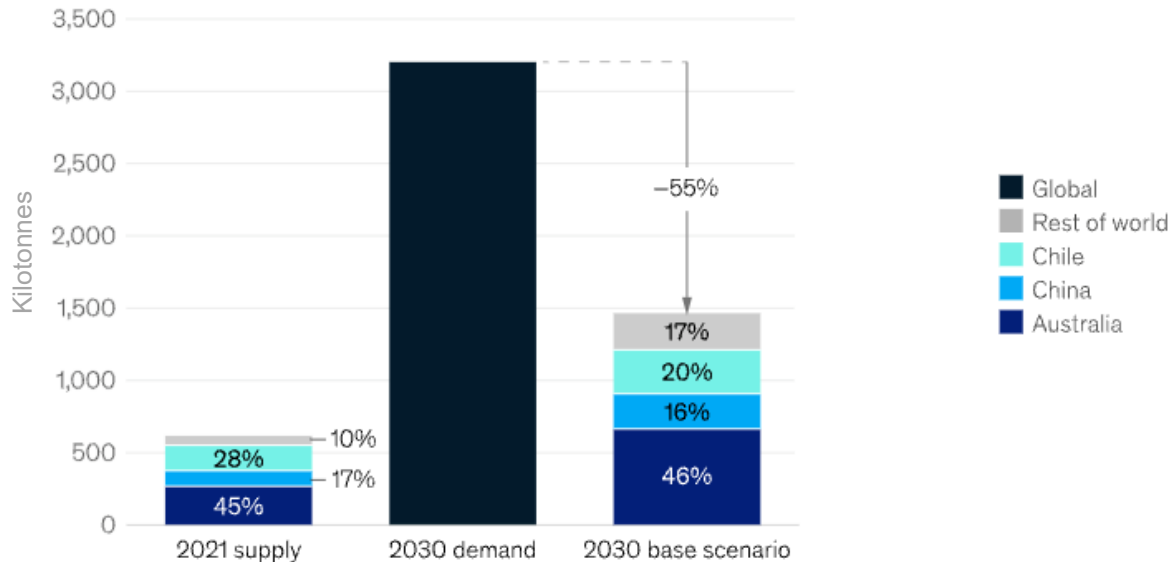
➡ Nickel / Copper: Ruth Well Project (100%)

- Indicated & Inferred resources JORC 2012 of **265,000t at 0.4% Cu and 0.5% Ni** (0.3% Ni cut-off), 12km from Radio Hill nickel processing plant



The Lithium Market

**Lithium Carbonate Global Equivalent Demand 2030
Supply 2021 and 2030 by Country**



Source: McKinsey MineSpans, 2002



The Right Market

Lithium demand expected to increase to +3mt by 2030



The Right Location

Western Australia Tier 1 Mining Jurisdiction



The Right People

Successful track record of lithium exploration and project development

The West Australian for 190 Years

Lithium | Mergers and Acquisitions | Mining

Japan's Idemitsu takes 15 per cent of Delta Lithium, agrees to vote with board on any offer



Sean Smith | The West Australian
Wed, 14 June 2023 8:21AM | [+](#)

Sean Smith

The West Australian for 190 Years

Mining | Lithium | Markets

SQM to invest up to \$20m for 19.9 per cent stake in WA lithium player Azure Minerals

Caitlin Paroczai | The West Australian
Wed, 11 January 2023 7:17AM | [Comments](#) | [+](#)



FINANCIAL REVIEW

Newsfeed

He turned a penny stock to gold. Now Beament's leaping into lithium



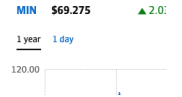
Brad Thompson

Reporter

Former Northern Star Resources boss Bill Beament is set to make the leap into lithium with the support of Mineral Resources billionaire Chris Ellison, two years after declaring that "gold is not green".

Mr Beament's Develop Global has struck a deal to acquire Essential Metals and its Pioneer Dome lithium project near Kalgoorlie via an all-scrip bid that values Essential at about \$159.6 million.

RELATED QUOTES



FINANCIAL REVIEW

Rinehart inks deal to supply India with lithium



Brad Thompson

Reporter

Gina Rinehart is a step closer to owning her first lithium mine after striking a deal that could see her emerge with a majority share in operations targeted at supplying India, where she has a strong relationship with prime minister Narendra Modi.

Mrs Rinehart's Hancock Prospecting will pay up to \$36 million for a potential 51 per cent in the Mt Bevan project located in a part of Western

Lithium Exploration Experience

- Engaged leading lithium exploration and development team **Obsidian Metals Group**.
- Led by highly experienced mining executive and geologist **Michael Fotios**.
 - Evaluated and developed the Galaxy Mt Cattlin Spodumene mine in WA (137,000 tpa)
 - In 2006/7 Galaxy had a market cap of ~\$10m, grew to ~\$2.5b. Merged with Allkem, then with Livent in a \$15b deal.
- Partnership will allow GRE to leverage the OMG extensive technical expertise and substantial network of contacts in the global lithium sector.

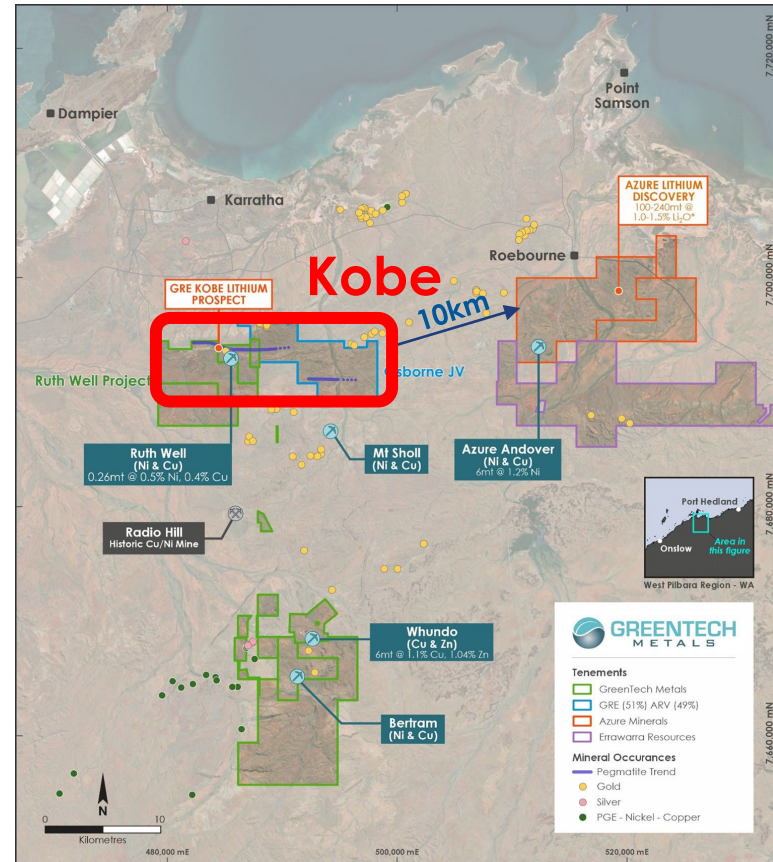


Ruth Well - Lithium

An exciting new project on existing GreenTech Tenements

Project tenements located 25km WSW of Azure Lithium pegmatite discovery

- **Two lithium** pegmatite trends identified to date
- Mineralisation confirmed as **spodumene** in both trends
- Over **10km strike length** mapped to date
- Assays report up to **1.8% Li₂O** in Kobe trend
- Assays report up to **3.6% Li₂O** in Southern trend
- **Grades persist** over strike length



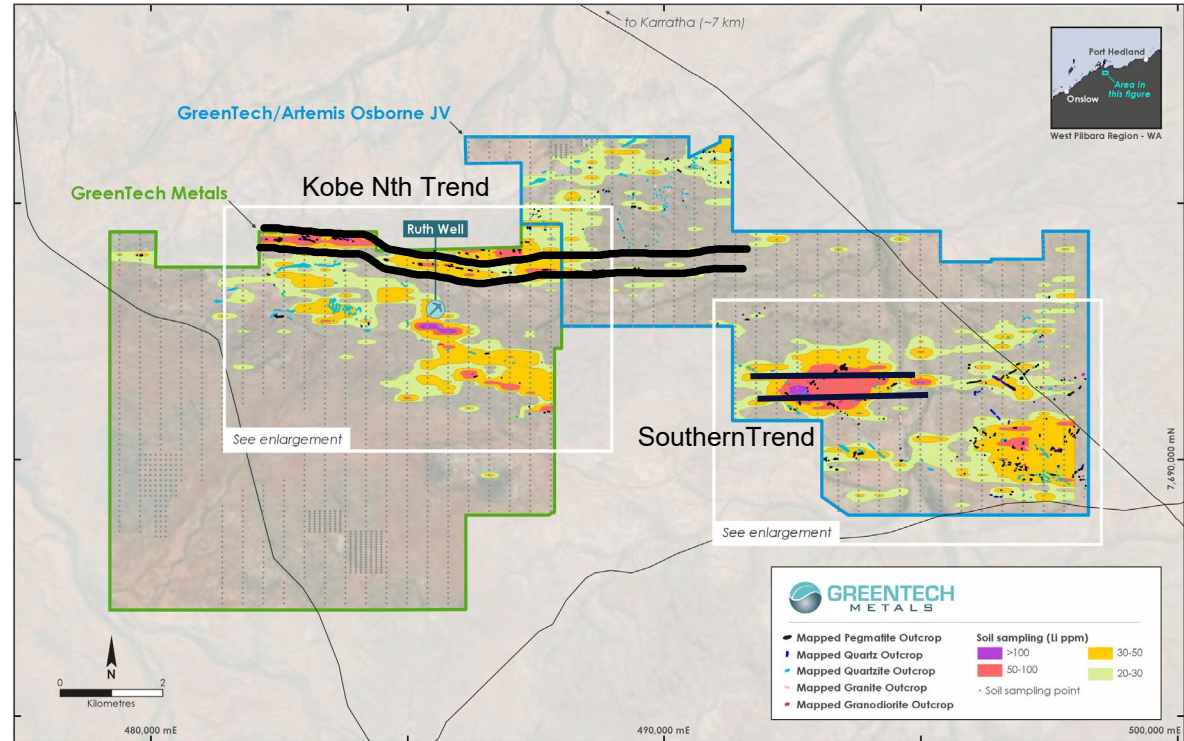
Lithium Pegmatite Trends – Soil Sampling

Ruth Well: Kobe Trend

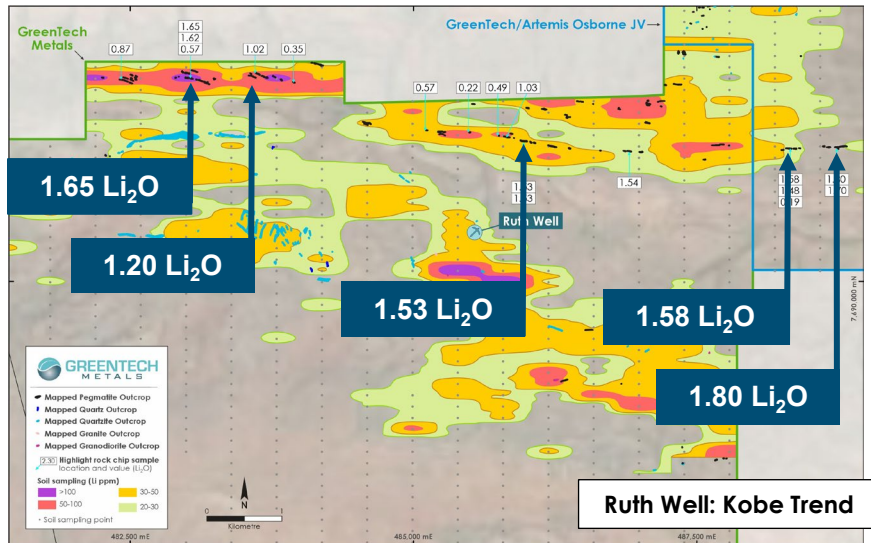
- 7.5km strike confirmed
- Widths up to 4m
- Significant rock chip sampling assays recorded include;
 - **1.80% Li₂O** (Sample No 23GT11-041)
 - **1.70% Li₂O** (Sample No 23GT11-042)
 - **1.65% Li₂O** (Sample No 23GT06_006)
 - **1.63% Li₂O** (Sample No 23GT10_003)
 - **1.58% Li₂O** (Sample No 23GT11-039)
 - **1.54% Li₂O** (Sample No 23GT11-022)

Osborne: Southern Trend

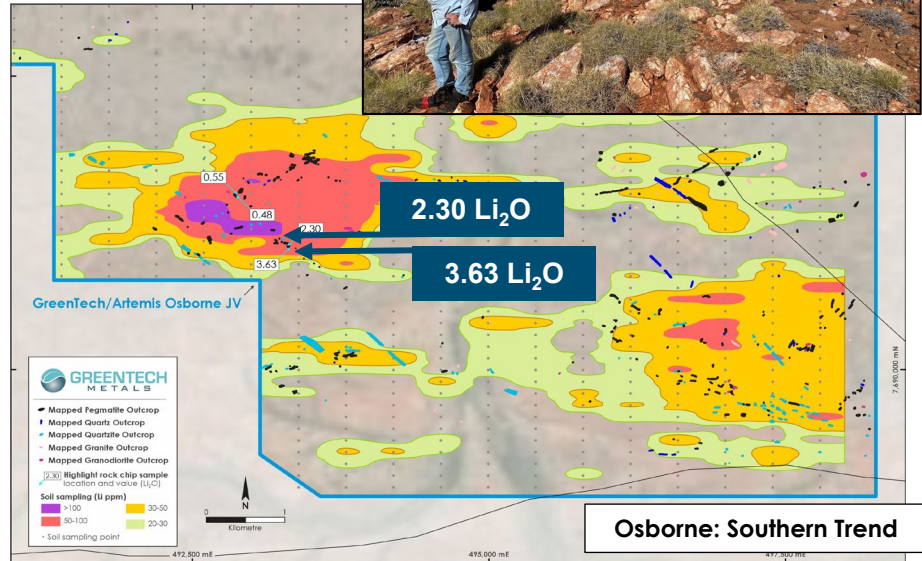
- 2.5km strike confirmed
- Widths up to 40m
- Significant rock chip sampling assays recorded include;
 - **3.6% Li₂O** (Sample No 23CR038)
 - **2.3% Li₂O** (Sample No 23CR039)
 - **0.55% Li₂O** (Sample No 23CR044)
 - **0.48% Li₂O** (Sample No 23CR045)



Lithium Trend – Soil Sampling & Mapping



Drilling anticipated October 2023

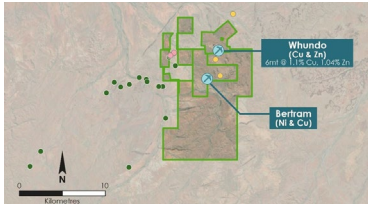


- Assays pending for 250 samples
- Multiple POW's approved for maiden RC drilling program
- Planning of Heritage surveys underway

Whundo - Cu/Zn Project

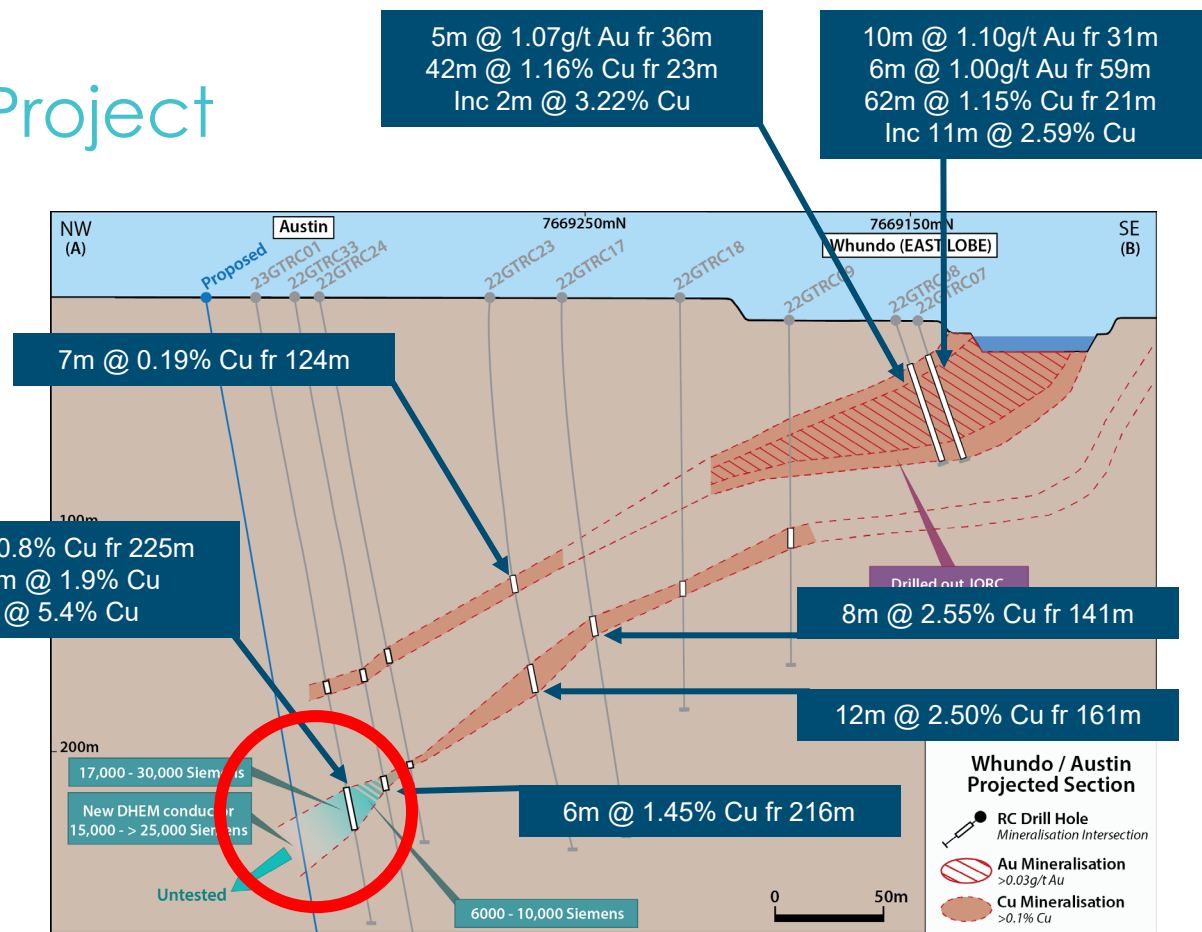
An advanced exploration asset

- Area of ~9km² located ~40km south of Karratha, WA



Previous production at Whundo

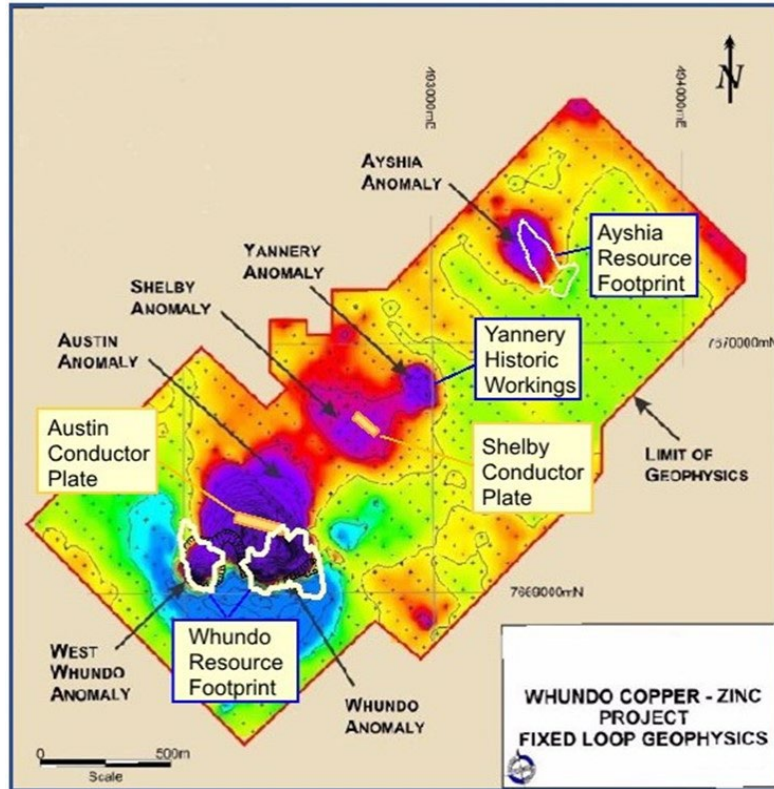
- Whim Creek Consolidated - 1976
East Whundo:
 - ✓ produced 6,7000 tonnes @ 27.4% Cu
- Fox Resources Ltd - 2006 / 2007
West Whundo:
 - ✓ 148,310 tonnes of ore processed at Radio Hill processing plant produced 25,812 tonnes @ 20.86% Cu



Austin

ASX:GRE

Whundo - Cu/Zn Project



Early drilling Targeting Resource Growth

- Drilling program 6,000m+ completed
- Field defined well defined by VTEM and FLEM surveys
- Most are Cu dominant with Au, Ag and Co credits
- Further drilling expected to increase resources
- Located 10km south of Radio Hill processing facility

A Typical VMS Field

- High grade thick cores, low grade thin periphery
- Multiple prospects over 2km strike include;

- ✓ **Whundo West***
- ✓ **Whundo East***
- ✓ **Austin***
- ✓ **Shelby**
- ✓ **Yannery**
- ✓ **Ayshia***



Combined Indicated & Inferred Resources
6.2 Mt @ 1.12% Cu, 1.04% Zn
previously
2.7 Mt @ 1.14% Cu and 1.14% Zn

Austin - The Sleeping Giant

A separate mineralised event

- All drilling completed at average depths of less than 250m

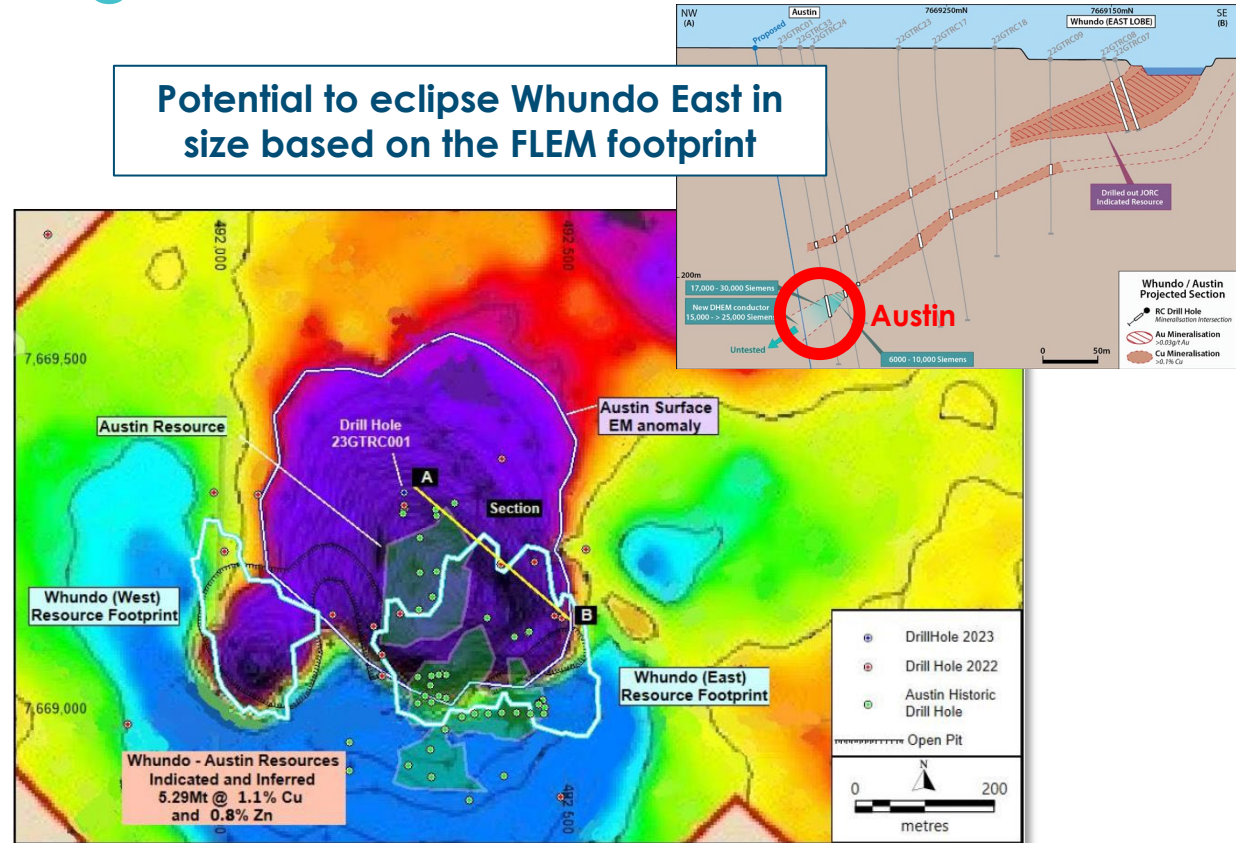
Recent drill intercepts include:

- 19m @ 0.81% Cu and 0.15% Zn from 225m, including
- 15m @ 1% Cu from 226m
- 6m @ 2% Cu from 226m
- 1m @ 5.4% Cu from 226

Elevated gold and cobalt also intercepted including:

- 2m @ 1.35g/t Au from 178m
- 15m @ 0.04% Co from 226m, including 6m @ 0.073% Co from 226m

DHEM indicates thicker zone with off hole conductor of 15,000 to >25,000



Upcoming Work Program



Positive Outlook



- ✓ Ruth Well and Osborne Lithium projects: drilling to commence soon
- *Expected to drive company value*



- ✓ Whundo current Cu/Zn resource 6.2mt (insitu value >A\$800m¹)
- *Potential to boost company value with increasing Cu demand*



- ✓ Adequate funding to get the job done: ~\$5m* cash at bank

¹Based on copper price of USD\$8035/tonne and USD/AUD exchange rate of \$0.66 – as at 24/05/2023

* Post completion of Obsidian placement

Investment Proposition



High quality project portfolio in tier #1 mining jurisdiction

Li, Cu, Ni



Substantial exploration upside

Lithium advanced exploration

Copper resources demand anticipated to escalate



Close to potential processing facilities and on granted mining licenses

Potential fast track to copper production.



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Disclaimer



Forward-Looking Statements

Statements in this announcement which are not statements of historical facts, including but not limited to those relating to the proposed transaction, are forward-looking statements. These statements instead represent management's current expectations, estimates and projections regarding future events. Although management believes the expectations reflected in such forward-looking statements are reasonable, forward-looking statements are based on the opinions, assumptions and estimates of management at the date the statements are made, and are subject to a variety of risks and uncertainties and other factors that could cause actual events or results to differ materially from those projected in the forward-looking statements.

Accordingly, investors are cautioned not to place undue reliance on such statements.

Exploration results and resources referred to in this presentation have previously been reported to the ASX on [30/12/21, 10/02/22, 04/04/22, 11/05/22, 16/06/2022, 30/08/2022, 21/12/2022, 28/02/2023, 12/04/2023, 03/05/2023, 11/05/2023, 15/06/2023, 07/07/2023, 10/07/2023, 17/07/2023, 24/07/2023, 01/09/2023, 05/09/2023]

Approved for release by the Executive Director, 5 September 2023

Competent Person Statement

The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Thomas Reddicliffe a Competent Person who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr Reddicliffe is a Technical Director of GreenTech Metals Ltd.

Mr Reddicliffe has sufficient experience that is relevant to the style of mineralisation and type of deposits under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves', and a Specialist under the 2015 Edition of the 'Australasian Code for Public Reporting of technical assessments and valuations of mineral assets'.

Mr Reddicliffe consents to the inclusion in the report of the matters based on his information and in the form and context in which it appears.