



BUXTON

RESOURCES LIMITED

Investor Presentation – August 2012

Disclaimer/Competent Person's



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Competent Person Statement:

The information in this report that relates to exploration results and exploration targets is based on information compiled by Dr Julian Stephens, Member of the Australian Institute of Geoscientists and Non-Executive Director for Buxton Resources Limited. Dr Stephens has sufficient experience which is relevant to the activity being undertaken to qualify as a "Competent Person", as defined in the 2004 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves and consents to the inclusion in this report of the matters reviewed by him in the form and context in which they appear.

Competent Person: The information in this report that relates to the mineral resources for the Cohen Deposit is based on information compiled by Mr Kevin Lowe (MAusIMM) under the supervision and guidance of Mr Trevor Stevenson (FAusIMM (CP)), who are both full-time employees of Runge Limited. Trevor Stevenson has sufficient experience that is relevant to the style of mineralisation, type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2004 edition of the Australasian Code for Reporting of Exploration, Results, Mineral Resource and Ore Reserves (JORC, 2004). Trevor Stevenson consents to the inclusion in this report of the matters based on the information in the form and context that the information appears.

Corporate Overview



ASX Code: BUX, BUXO

Shares on issue: 41.1M

Listed options: 4.0M (\$0.30)

Unlisted options: 3.8M (\$0.35)

Market Cap.: \$7.6M

Cash at bank: \$1.2M (30 June)

Shareholders:

Montezuma Mining (MZM) – 11.5%

Top 20 : 70%

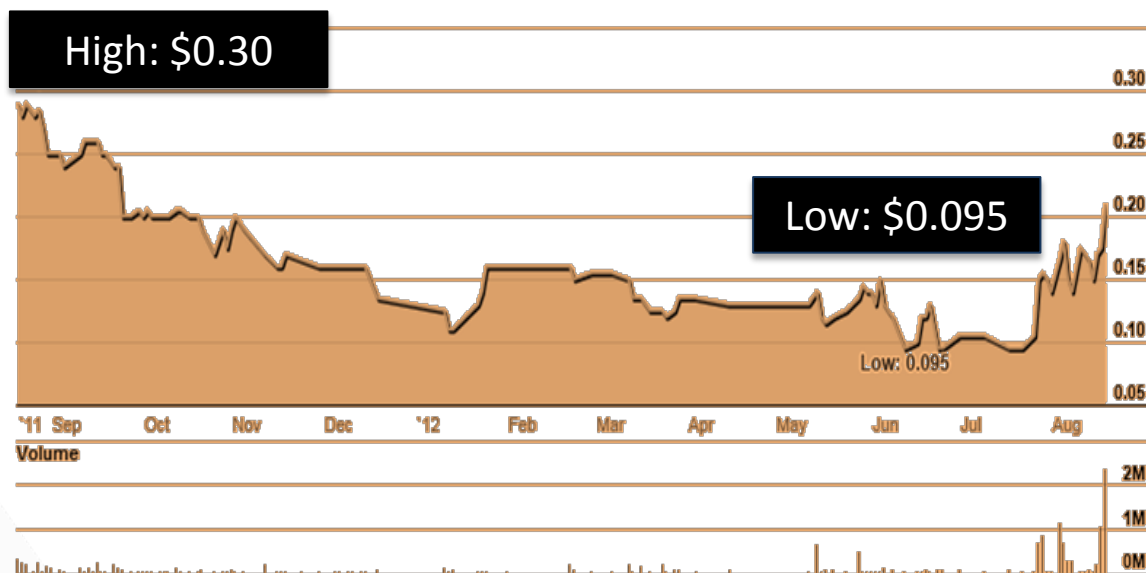
Directors

Mr. Seamus Cornelius – Chairman

Mr. Anthony Maslin – Managing Director

Dr. Julian Stephens – Non Exec. Director

Share Price History – 1 year to date



Tight capital structure highly leveraged to success

Project Overview

Widowmaker Nickel-Copper Project – 100% Buxton

- Located in the Fraser Range nickel province, WA
- Multiple surface Ni-Cu-PGE anomalies identified
- 22km along strike from Sirius Resources' Nova Ni-Cu discovery

Zanthus Magnetite Project – 100% Buxton

- Excellent access to infrastructure
- Coarsest magnetite liberation size known in WA
- Existing JORC resource and large exploration upside potential

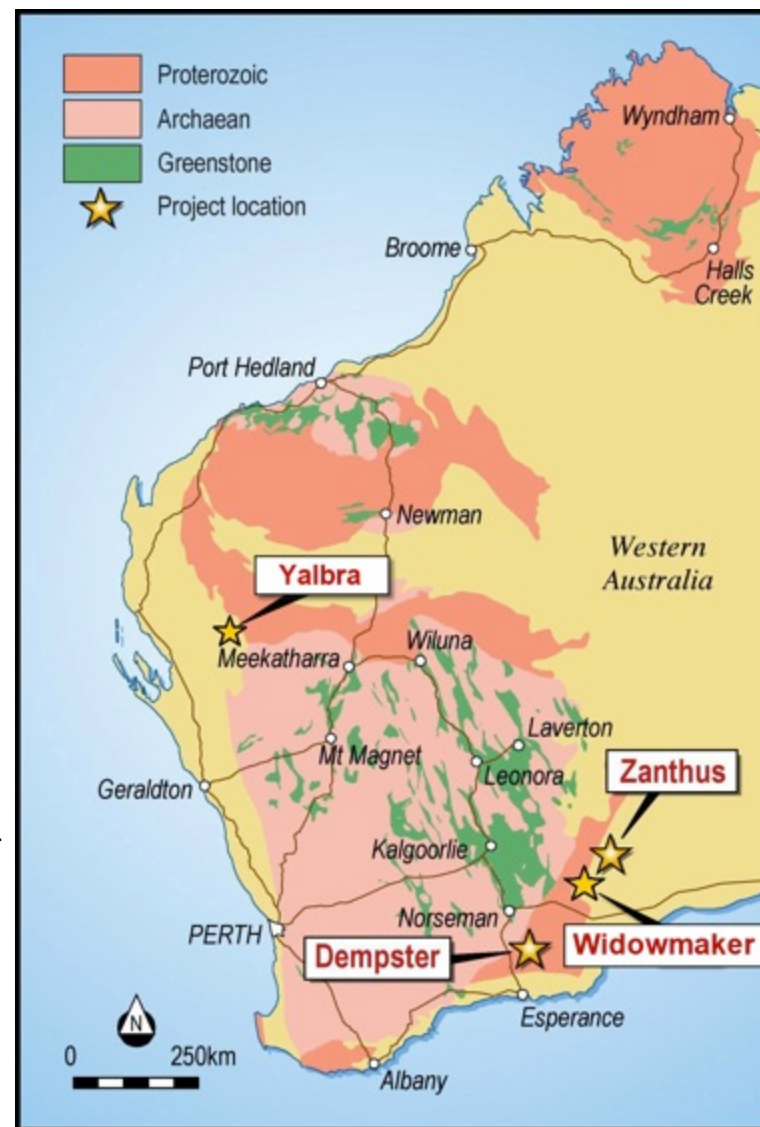
Yalbra Graphite Project – 100% Buxton

- Large exploration target
- Coarse flake graphite identified
- Broad, high-grade near-surface graphite mineralised zones over 4km+ strike length

Dempster Gold and Nickel Project – 90% Buxton

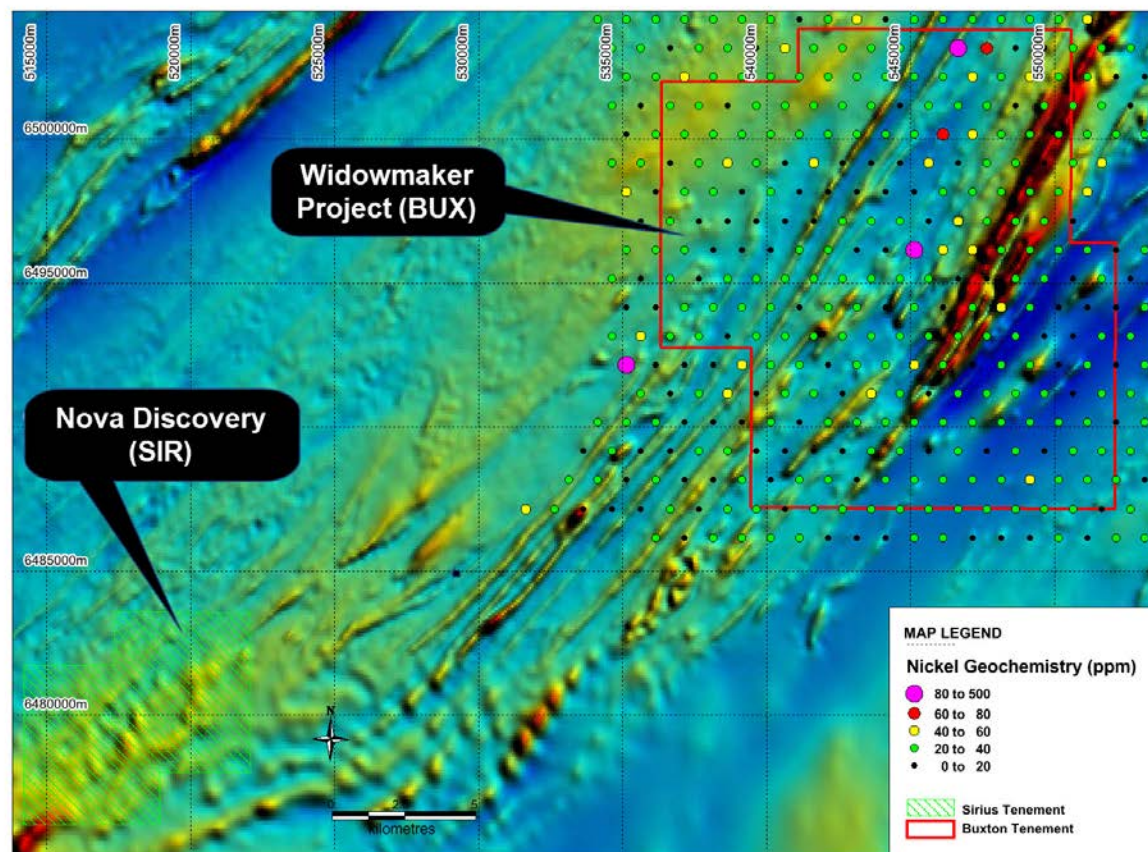
- Large low-level gold anomalies

Strong WA project pipeline



Widowmaker Ni-Cu Project

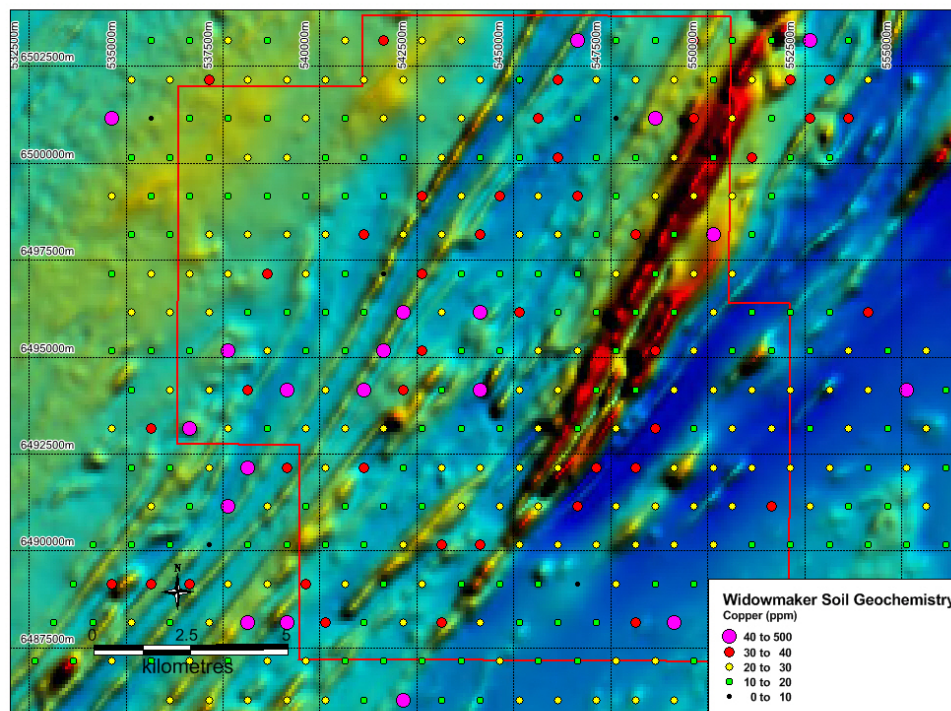
- 225 sq km in the Fraser Range nickel province, WA
- Multiple Ni-Cu-PGE anomalies identified
- 22km along strike of Sirius Resources' Nova Ni-Cu discovery
- Nova host rocks trending into BUX project area
- Exploration license grant expected in the coming weeks



Along Strike from Nova – same geological package, Ni anomalies

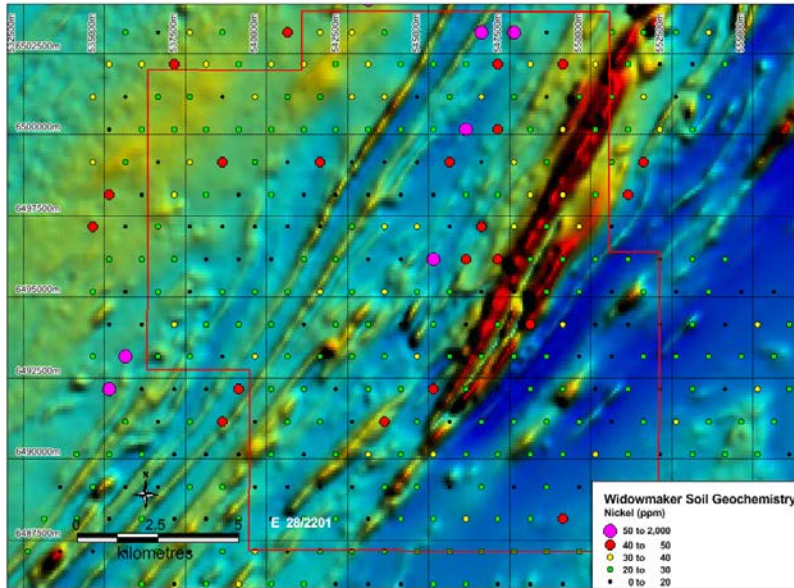
Soil Sampling - Raw Data

Copper

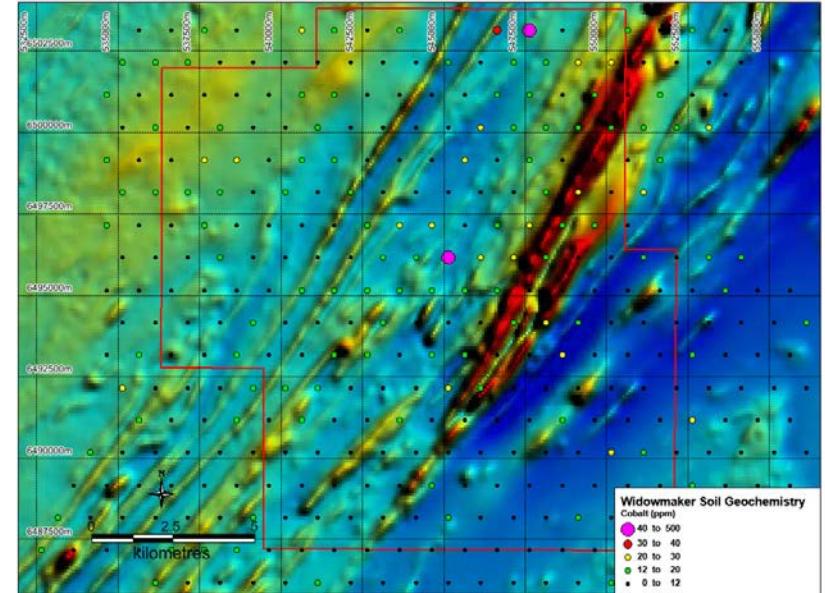


Airborne magnetic data indicates that the broad mafic-ultramafic lithological package that hosts the Nova discovery extends north-eastwards into Buxton's Widowmaker Project area, and corresponds with some of the Ni±Cu±PGE calcrete surface anomalies

Soil Sampling - Raw Data



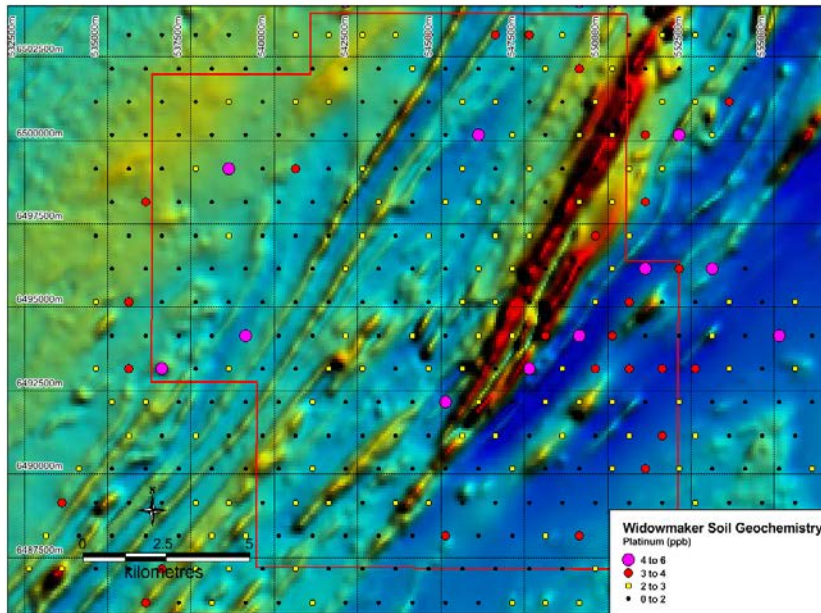
Nickel



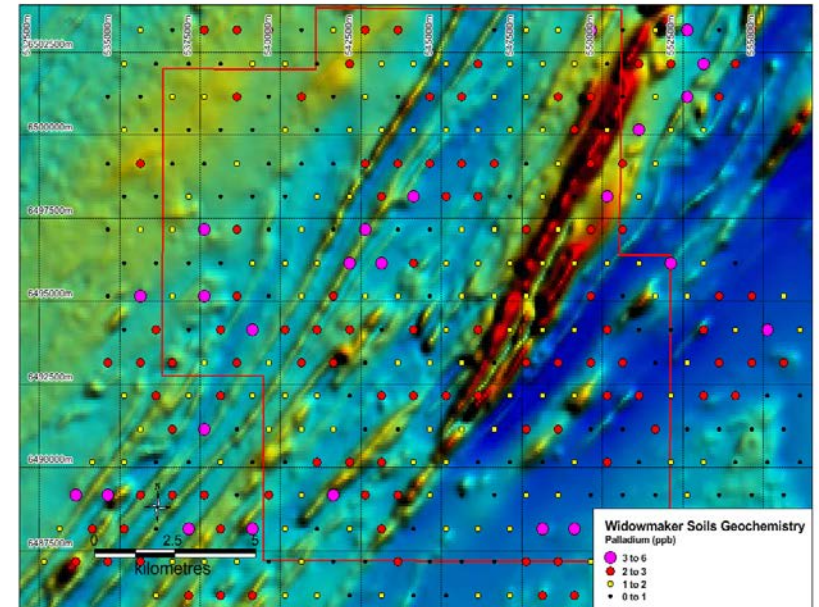
Cobalt

Co co-incident with Ni – possibly significant in this environment

Soil Sampling - Raw Data



Platinum



Palladium

Approximately 20km of strike length of the favourable lithological host-rock package interpreted

Exploration Program

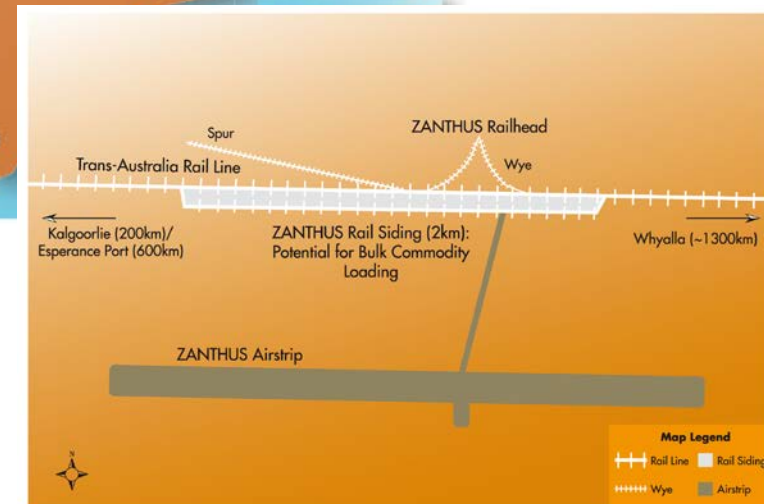
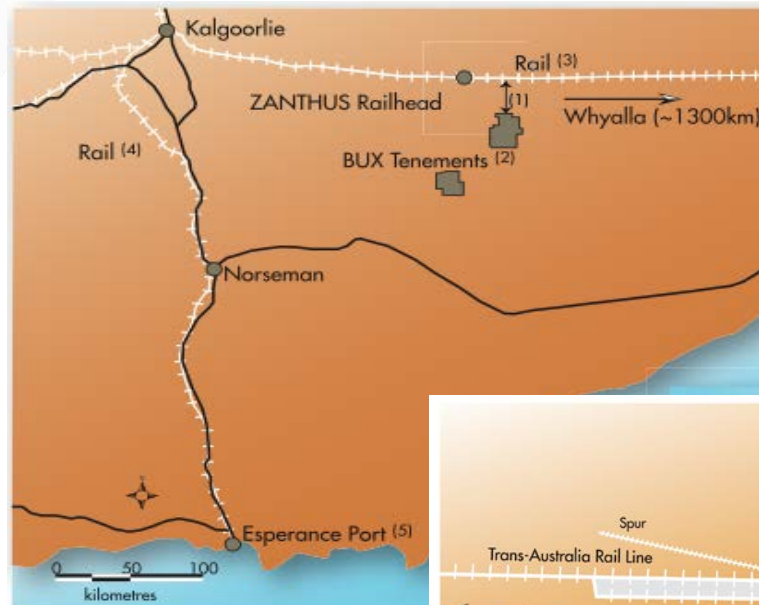
Aggressive exploration program planned, including:

- Infill calcrete surface geochemistry program commencing immediately
- Air core drilling program to test metal anomalies defined in surface geochemistry
- Electromagnetic (EM) survey to identify conductors that may represent massive or other sulphide mineralisation styles
- RC drilling of any EM conductors or targets identified through air core drilling program

Aggressive, focused exploration program

Zanthus Magnetite Project

- Strong rail infrastructure access:
 - 35km from Zanthus railhead and siding (see bottom right)
 - 600km by rail to Esperance Port (see top right)
- Superior metallurgy - amongst the best in Australia : 68% Fe grade @ 150 micron
- Initial inferred JORC resource:
 - **103.6Mt @ 26.5% Fe**
- Global exploration target:
 - **0.7 – 1.3 billion tonnes @ 22-32% Fe***
- Strategic partner identification process underway



**The potential quality and grade of the Zanthus Exploration Target is conceptual in nature. There has been insufficient exploration to define a Mineral Resource and it is uncertain if further exploration will result in the determination of a Mineral Resource*

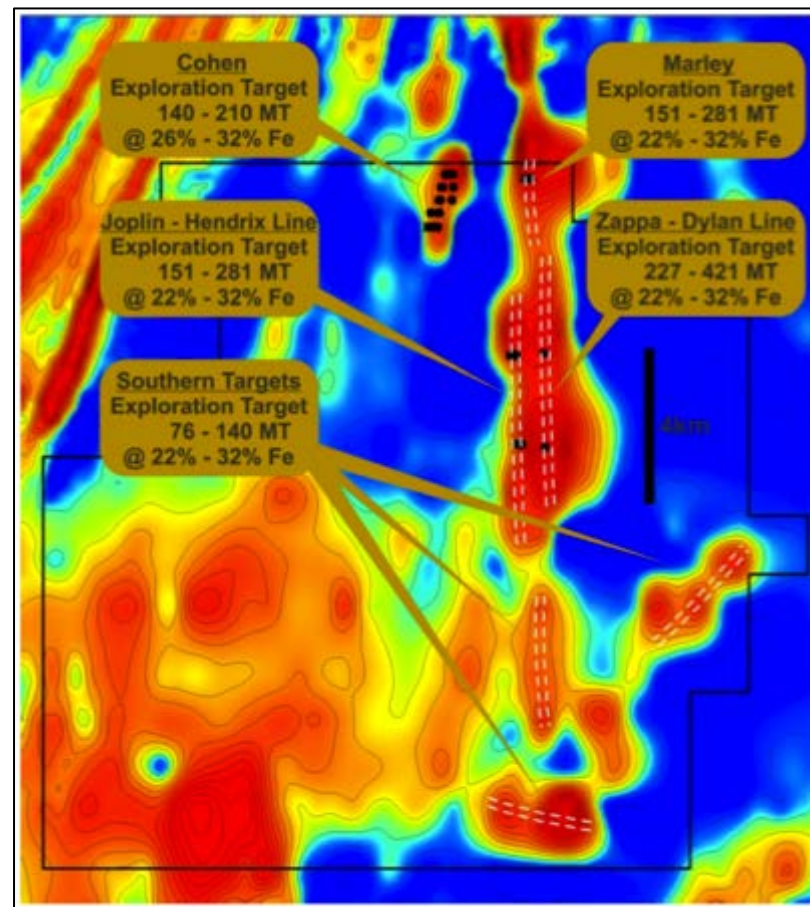
Significant value to be realised

Zanthus – Exploration Target

Target Areas

Cohen:	140-210Mt@26%-32%Fe*
Marley Line:	151-281Mt@22%-32%Fe*
Zappa-Dylan Line:	227-421Mt@22%-32%Fe*
Joplin-Hendrix Line:	151-281Mt@22%-32% Fe*
Southern Targets:	76-140Mt@22%-32%Fe*

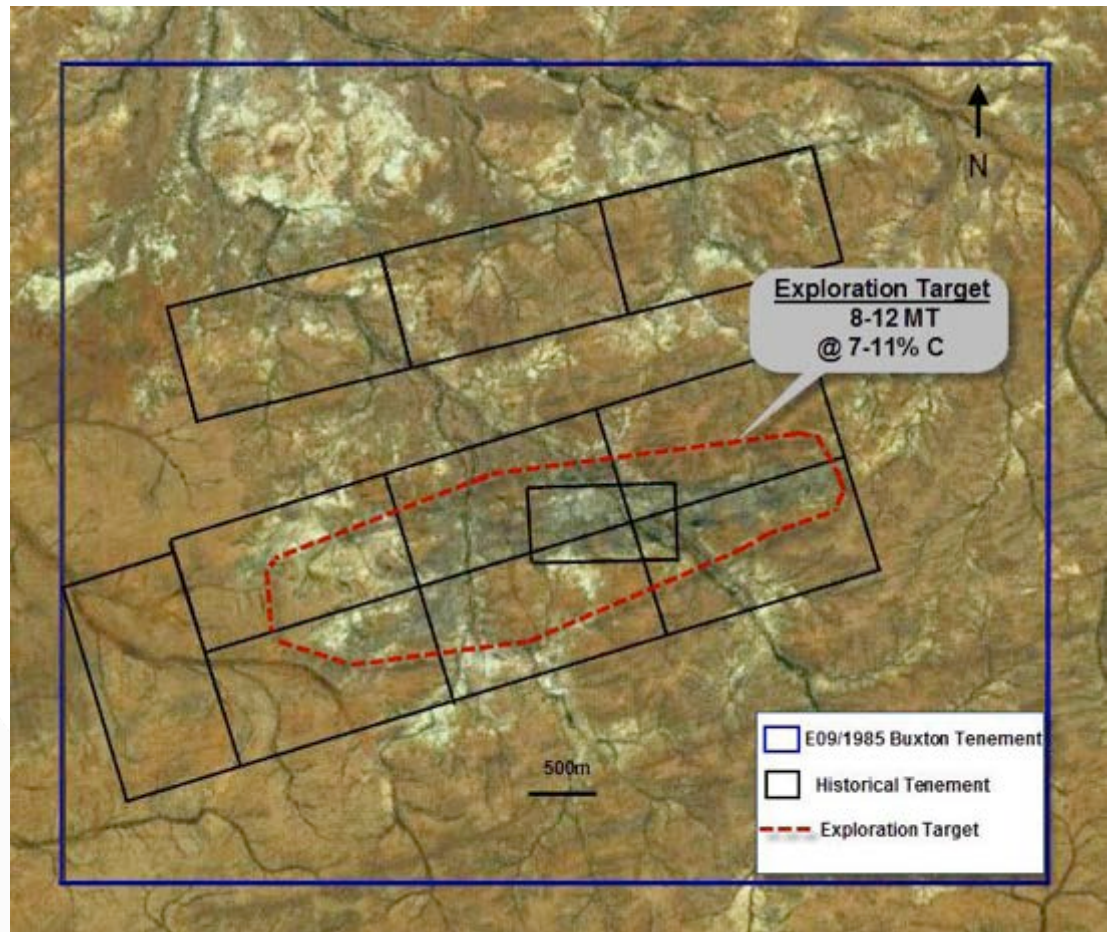
Potential base metal target



**The potential quality and grade of the Zanthus Exploration Target is conceptual in nature. There has been insufficient exploration to define a Mineral Resource and it is uncertain if further exploration will result in the determination of a Mineral Resource*

Yalbra Graphite Project

- Strong demand outlook for Graphite market - Lithium batteries... and beyond
- Exploration Target:
8 -12 Million tonnes @ 7-11% C*
- Coarse flake graphite identified in historical drill logs
- Historical Drill Results**:
 - PD 9 : 23.5m @ 19.5% C (from 9m) incl 15.2m @ 25.2% C
 - PD 10 : 39.6m @ 10.0% C (from 3m) incl 12.2m @ 23.6% C
 - PD 13 : 24.4m @ 11.6% C (from 18m) incl 6.1m @ 23.5% C
- Mineralisation open along strike and at depth



Strategic medium term asset

**The potential quality and grade of the Yalbra Exploration Target is conceptual in nature. There has been insufficient exploration to define a Mineral Resource and it is uncertain if further exploration will result in the determination of a Mineral Resource*

***all drilling intersections are quoted as downhole widths*

Summary

- **Very tight capital structure = excellent leverage**
- **Immediate, aggressive exploration commencing at Widowmaker**
- **Significant value to be realised from Zanthus**
- **Excellent graphite exposure from Yalbra in the medium term**
- **Great pipeline of projects**



Contact Information

THANK YOU.

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