



**TG METALS**

# LAKE JOHNSTON PROJECT FORWARD FACING METALS

NICKEL | LITHIUM | GOLD

I N V E S T O R   P R E S E N T A T I O N

O C T O B E R   2 0 2 3

ASX: TG6 | [tgmetsals.com.au](https://tgmetsals.com.au)

# Commodities for the 21<sup>st</sup> Century



TG Metals Limited is a Perth-based exploration company listed on the ASX. The Company is focussed on exploring and developing “forward facing metals” on its wholly owned exploration properties located in the **Lake Johnston Greenstone Belt of Western Australia.**

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## **Competent Persons Statement**

Information in this presentation that relates to exploration results, exploration targets, geology, drilling and mineralisation is based on information compiled by Mr David Selfe who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr Selfe has sufficient experience that is relevant to the style of mineralization and type of deposit under consideration and to the activities that he is undertaking 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. Mr Selfe has consented to the inclusion in this presentation of matters based on their information in the form and context in which it appears.

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The Company believes that it has a reasonable basis for making the forward-looking Statements in the presentation based on the information contained in this and previous ASX announcements.

The Company is not aware of any new information or data that materially affects the information included in this ASX release, and the Company confirms that, to the best of its knowledge, all material assumptions and technical parameters underpinning the exploration results in this release continue to apply and have not materially changed.

# Project Summary

**TG Metals Limited** is exploring for **nickel, lithium and gold** in the Lake Johnston Greenstone Belt of Western Australia

- The Lake Johnston Project is located ~300 km from Kalgoorlie in the Goldfields region of Western Australia
- The tenure covers +50 km strike of Lake Johnston Greenstone Belt, which consolidates the southern region for the first time
- Total tenement area of 356 km<sup>2</sup>
- Favourable komatiite host for nickel sulphide extends for the entire length of Project



# Corporate Overview

## CAPITAL STRUCTURE

Current shares on issue	57.3M
Cash (at 30 June 2023)	\$3.79M
Market Cap (at \$0.10/share)	\$5.7M
Unlisted Options*	14.98M
Performance Rights**	5.1M
Enterprise Value	\$1.9M

^Including 17m shares escrowed

\* 8.26m Vendor & Seed options: 3 year expiry, \$0.20 and \$0.25 exercise

\* 3m Director & Management options: 5 year expiry, \$0.30 exercise

\* 3.225m Broker options: 30 June 2024 expiry, \$0.30 exercise

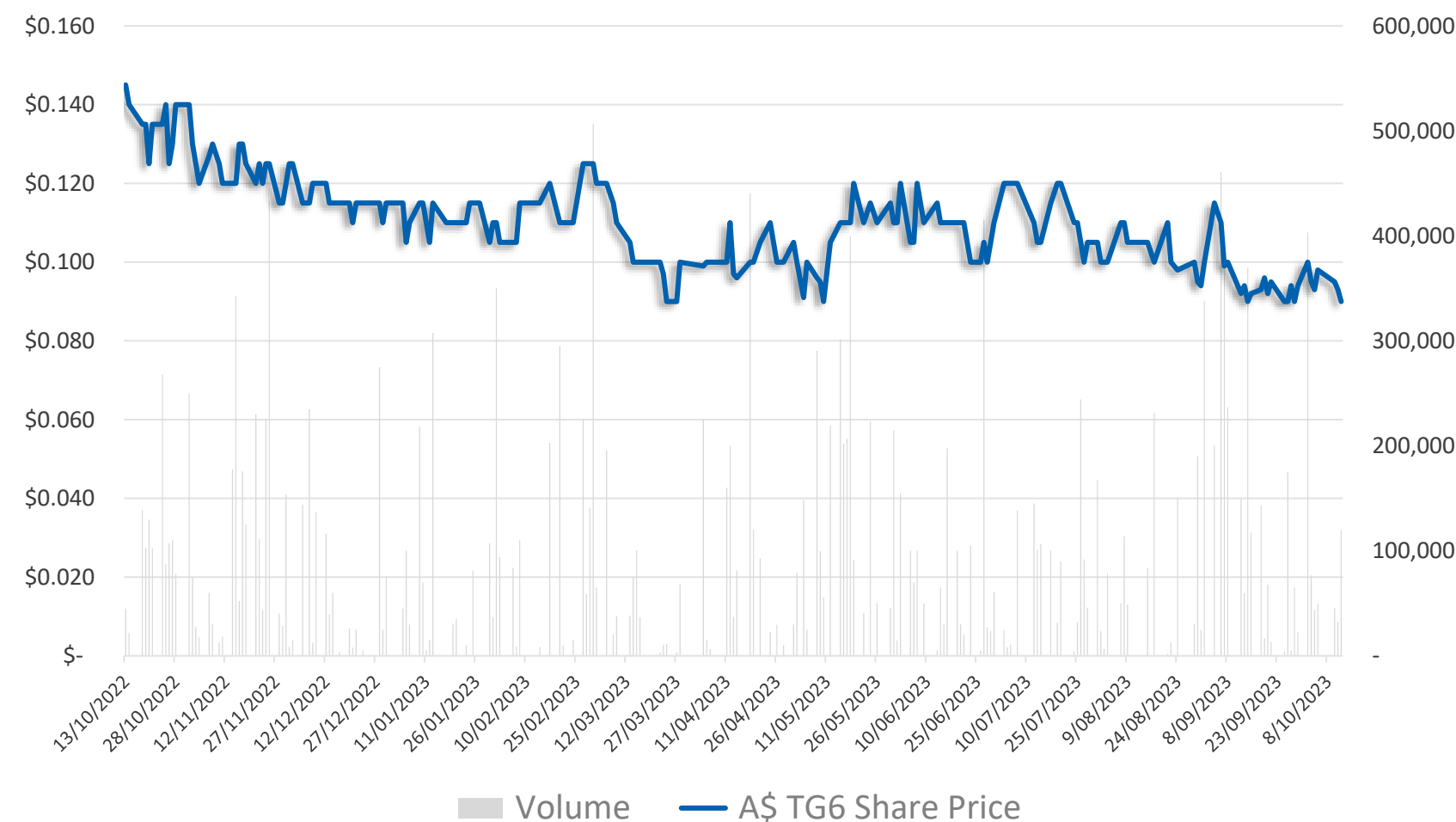
\* 0.5m Corporate Advisor Options: 31 Oct 2024 expiry, \$0.30 exercise

\*\* Various VWAP based incentive milestones (starting from 20 day VWAP exceeding \$0.40)

## SHAREHOLDER COMPOSITION

Top 50 Shareholders	68%
Directors & Management	6.53%

## SHARE PRICE PERFORMANCE (12 Months)



# Board and Management

Experienced in exploration, project development, corporate, funding, M&A and offtake in the Resources sector



**Mr Richard Bevan**  
Non Executive Chairman  
B App Sc, MAICD

Richard has corporate and senior management experience including various directorships and CEO/MD roles in ASX listed and private companies, including most recently being the founding Managing Director of Cassini Resources Limited. He has been involved in a number of businesses in areas as diverse as healthcare, construction and engineering, resources and information services.

He is Non-executive Chair of Killi Resources Ltd (ASX:KLI) and Narryer Metals Ltd (ASX:NYM).



**Mr David Selfe**  
Chief Executive Officer

BSc Mineral Exploration and Mining Geology WA School of Mines, FAusIMM

David is an executive level geologist with experience in lateritic and sulphide nickel deposits, and base metals including copper-gold and copper-cobalt with ore estimation and grade control expertise. David also has experience in management of exploration programs for a mid tier resources companies, including establishment of grade control, reconciliation, ore resource, mining and exploration strategies for gold, lateritic nickel and copper projects and mergers and acquisitions.



**Mr Brett Smith**  
Non Executive Director

BSc Hons Geology, MAusIMM, MAIG, MAICD

Brett is a geologist with a global experience of +30 years in a variety of commodities, as well as +20 years in investor engagement and corporate management of private and ASX listed companies. He has a technical focus on project generation, exploration and resource definition.



**Ms Gloria Zhang**  
Non Executive Director

Qualifications: BCom Marketing & Management, MBA, MAICD

Gloria has 25+ years' experience in international business, banking, project management and marketing. She works as an international business advisor for several major ASX-listed companies, and is instrumental in capital raising, offtake negotiation and joint venture management. She was once held a senior management role in a Chinese mining company's Australian operation. Gloria is a Graduate Member of the Australian Institute of Company Directors. She is currently the Chairperson of The Australian Association of International Business and Managing Director of Intlang Corporate Consulting.

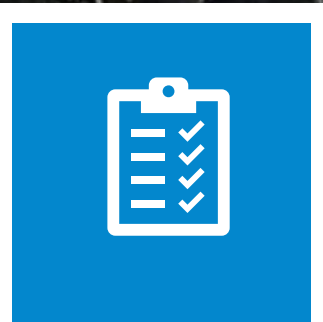


**Ms Nicki Farley**  
Company Secretary

Qualifications: BA LLB, GAICD

Ms Farley has over 15 years' experience working within the legal and corporate advisory sector providing advice in relation to capital raisings, corporate and securities laws, mergers and acquisitions and corporate compliance. Ms Farley has held a number of secretarial roles for ASX listed companies.

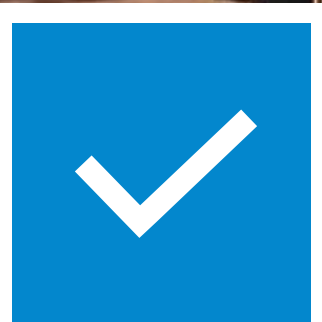
# Recent Highlights



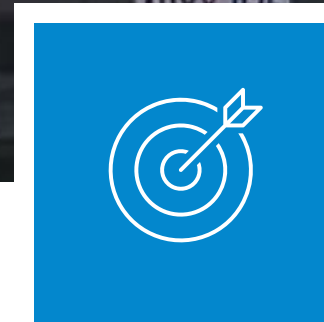
- Nickel and Lithium drilling underway
- Initial aircore drill program completed
- RC drilling and Diamond core drilling in progress



- RC and Diamond core drilling on multiple geophysical anomalies with nickel sulphide potential – underway



- Bremer Nickel Laterite, drilling phase 1 completed **high grade nickel, up to 3.23%Ni, intercepted\***



- RC drilling on LCT pegmatite target - underway



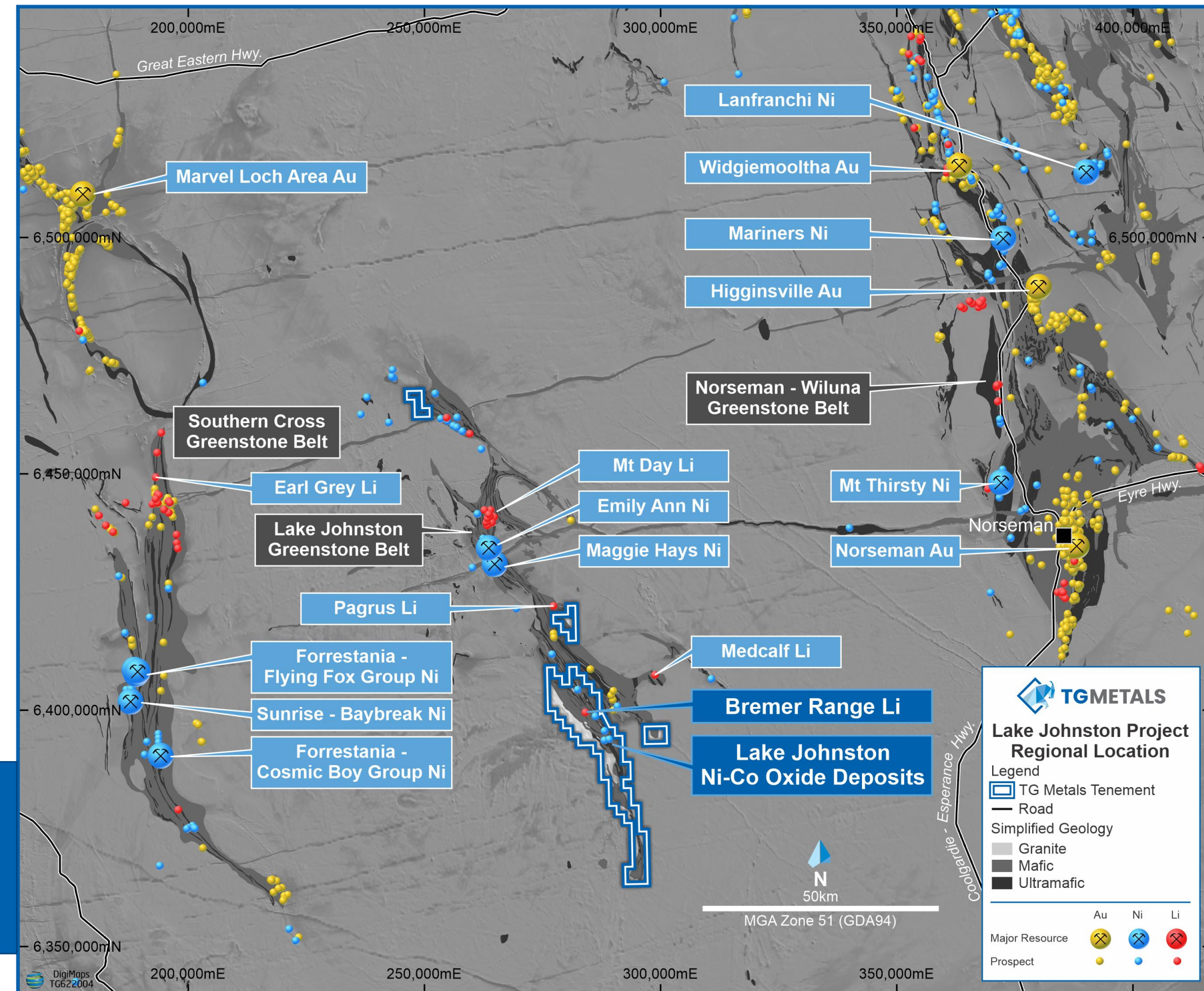
# Maiden Drilling Program Underway



# Lake Johnston | A Significant Land Package

- The Lake Johnston Greenstone Belt is geologically similar to the prolific nickel & lithium bearing Southern Cross-Forrestania Greenstone Belt
- TG Metals has the most significant land package held by one company within the Lake Johnston Greenstone Belt, 356 km<sup>2</sup> and growing with acquisitions
- +50 km strike of Greenstone Belt
- Strong conductors now being drilled south of the past producing Maggie Hays and Emily Anne Ni sulphide deposits
- Lithium potential in recent soil sampling

**Located between two prolific Greenstone Belts**

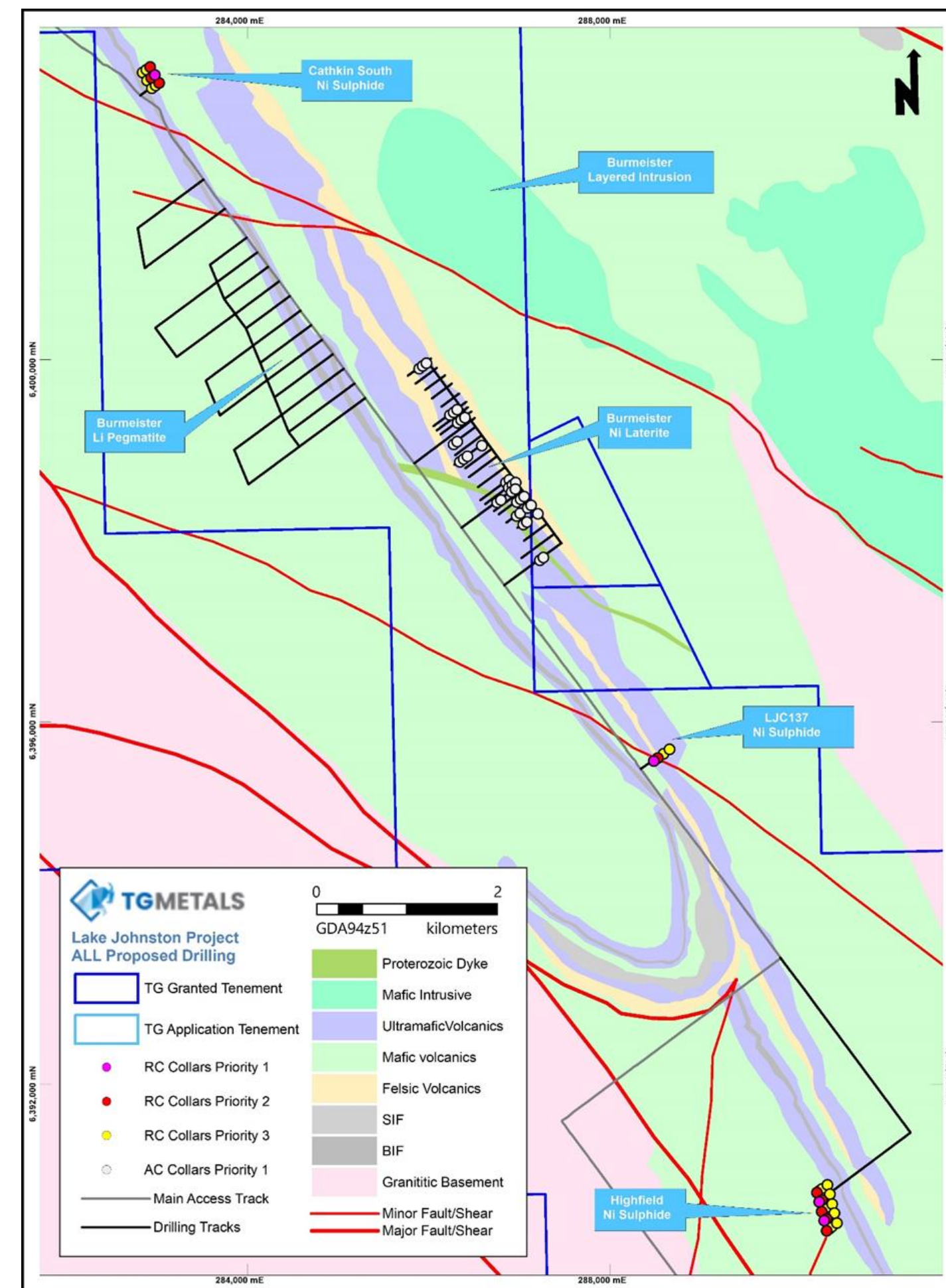


# New Nickel Sulphide Focus

## 3 Priority Prospects - New Drilling

- New high powered ground TEM over the central tenements of the Bremer Range prospect detected 9 conductors of interest\*
- 3 prospects selected for initial drill testing, Highfield, LJC137 and Cathkin South
- RC pre-collar with Diamond core tails. Commenced drilling on Highfield target
- Multiple conductor targets allows prioritization of current drilling and flexibility for multiple drilling phases, testing each target and allowing follow-up drilling based on visual results as we go

**Targeted exploration strategy producing results**

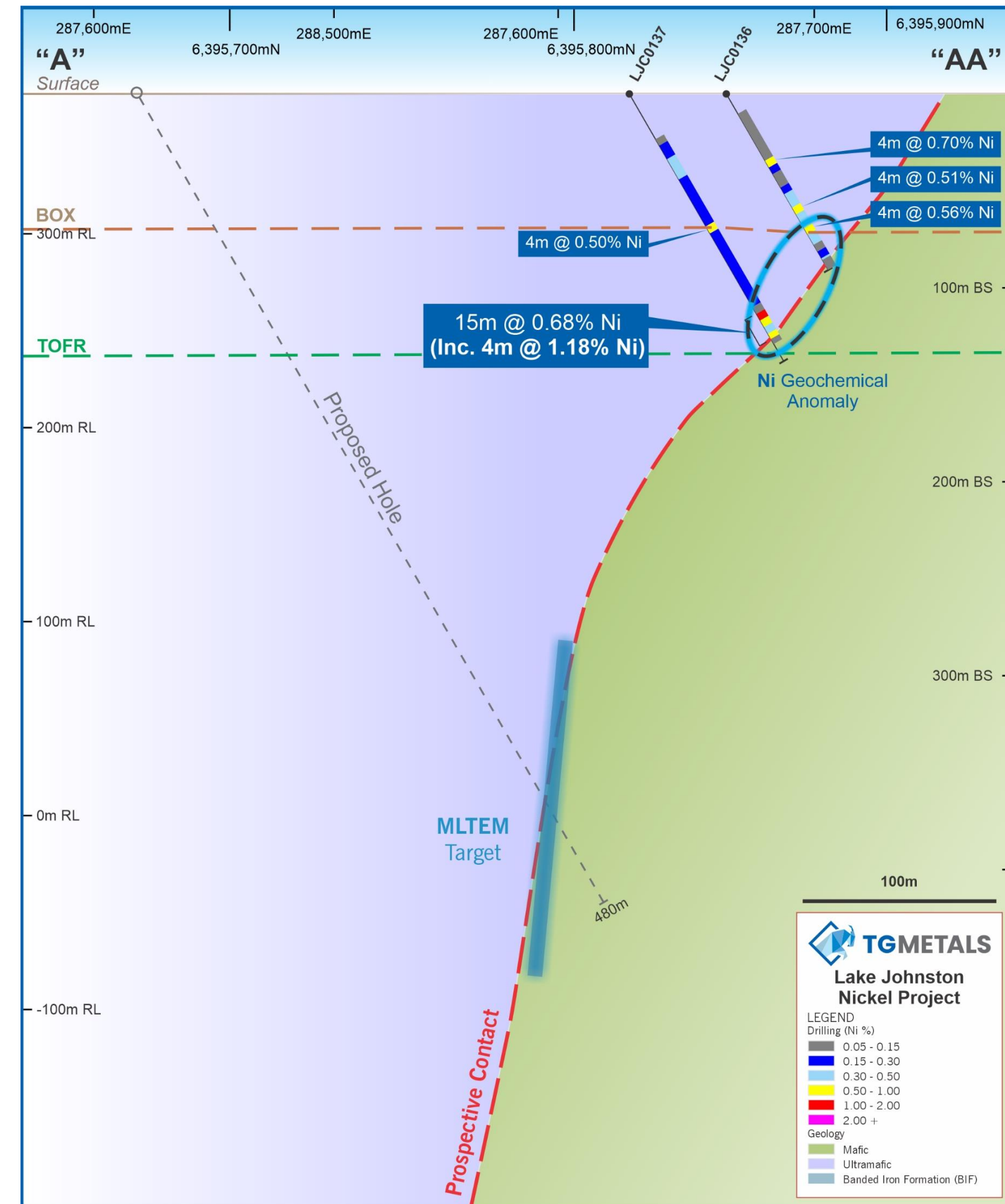


# New Nickel Sulphide Focus

## Drill testing conductors

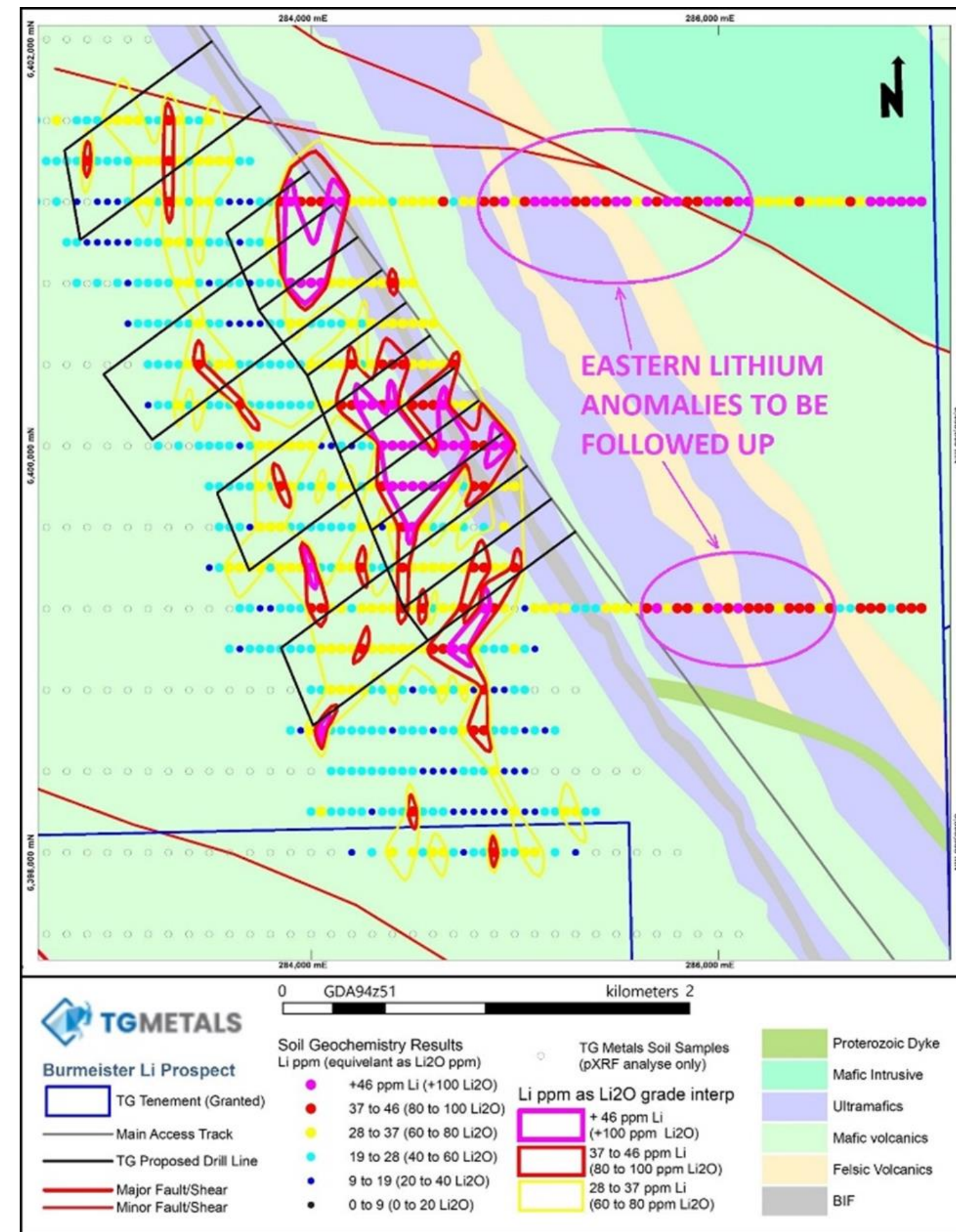
- Re-interpretation of data and new high powered ground TEM has identified nickel sulphide targets\*
- Three (3) prospects currently being drill tested
- Conductors supported by historical surface and oxide subsurface geochemistry and prospective contact positions
- Drill testing deeper than ever before and in locations overlooked by previous explorers – conductor depths similar to the mined Maggie Hays and Emily Anne deposits immediately to the north
- RC and Diamond core – assay results early November

**Leveraging off past exploration with improved techniques**



# Lithium Prospectivity

- Lithium exploration RC drilling commenced
- The area hosts known lithium-caesium-tantalum (LCT) pegmatites (Medcalf, Mt Day)
- Recent soil sampling has defined Lithium anomalies\* at the Lake Johnston Project. Program expanded to the east – assays awaited
- Neighbours have defined spodumene bearing pegmatites in proximal lithium prospects, most notably Medcalf (Charger Metals NL)
- Shallow RC drilling program underway to define orientations, thickness and grade
- Revisiting historical drilling for pegmatite intercepts

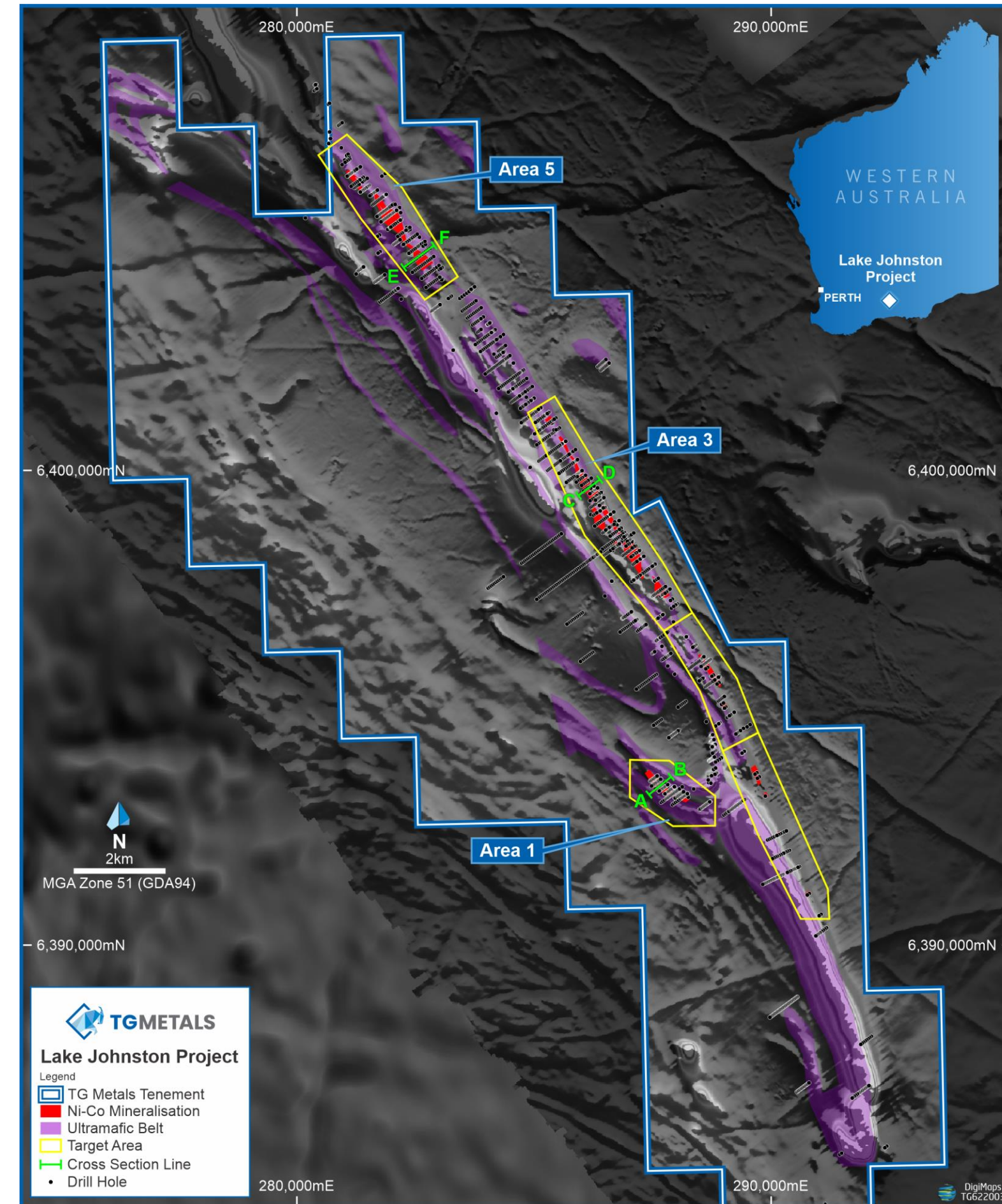


## Maiden drilling campaign on lithium soil anomalies

# Nickel-Cobalt Laterite Deposits

- Opportunity for low cost mining and toll treating to generate early cash flow
- Initial drilling delivered high grades up to 3.23%Ni
- Potential for simple beneficiation and transport to proximal processing (<140 km to Ravensthorpe Nickel Operations)
- Initial aircore drilling on Area 3 completed – assays confirmed high grade areas do exist, samples collected for metallurgical testwork\*
- 4 additional areas remain untested by TG Metals

**Phase 1 drilling completed, assays to be examined for metallurgical testing**



# Exploration Results to Drive Shareholder Value

Explore, Discover & Develop World Class Mineral Deposits for the 21<sup>st</sup> Century



## SYSTEMATIC ANALYSIS

Interrogation of historical data has focused application of new data acquisition - geochemistry and geophysics



## APPRAISE AND DEFINE

**First time Lithium Exploration** – Soil sampling Completed – **Anomalies found drilling underway**  
**Nickel Laterite** – Phase 1 **Aircore Drilling completed**  
**Nickel Sulphide** – Drilling TEM Conductors underway



## ANALYSIS

**Nickel Laterite** – initial assays confirm high grade  
**Nickel Sulphide** – initial RC with diamond core tails  
**Lithium** – RC drilling to define orientations – **drilling underway**



## EXECUTION 2023

**Flora/Fauna survey** - Completed  
**Heritage Survey** – Completed  
**LIDAR** - Completed  
**POW and phase 1 aircore** – Completed  
**RC Drilling** – Commenced  
**DDH Drilling** - Commenced  
**Lithium RC drilling** - Commenced



## MULTIPLE COMMODITIES IN THE ONE LOCATION

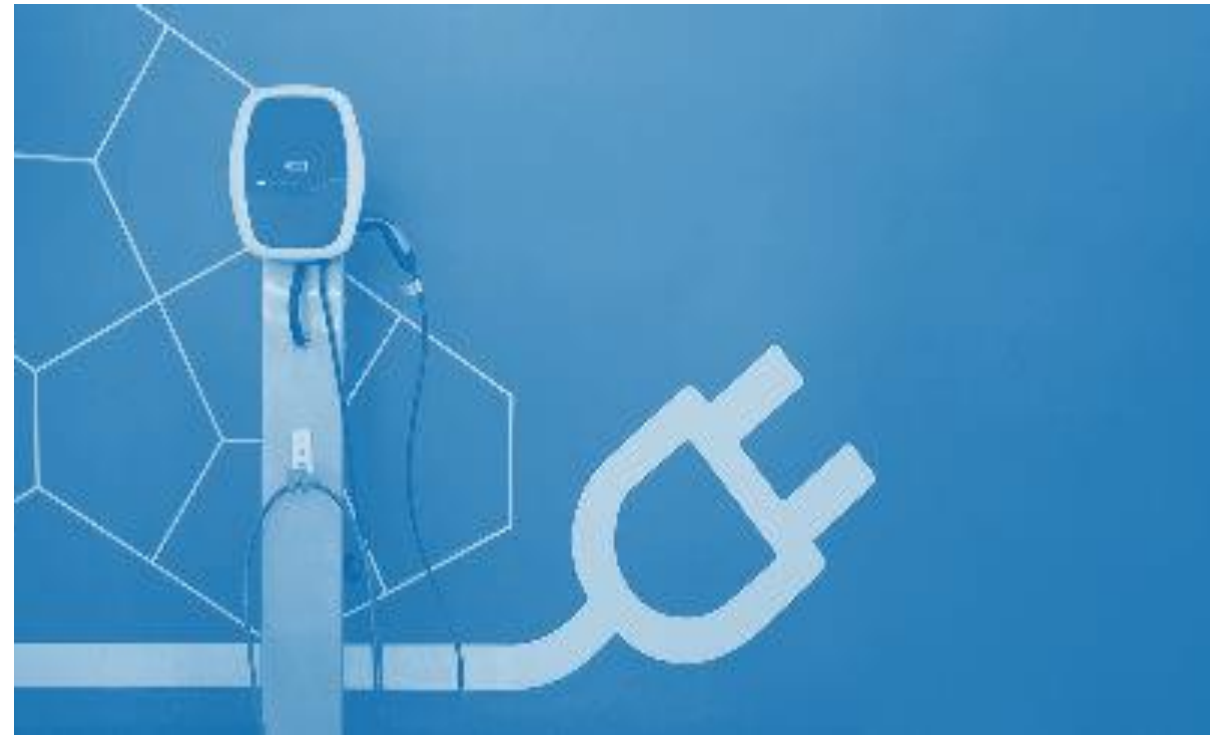
Drilling underway. Targeted approach ensures best use of funds and highest probability of success – ASSAYS PENDING

# Investment Summary

Multi faceted commodities for the 21st Century in one location

## 01 Exploration Upside

- Drilling underway on Nickel sulphide, lithium and nickel laterite targets
- Premier jurisdiction of Western Australia
- Proximal to existing processing facilities and infrastructure
- Priority targets defined and drill testing underway



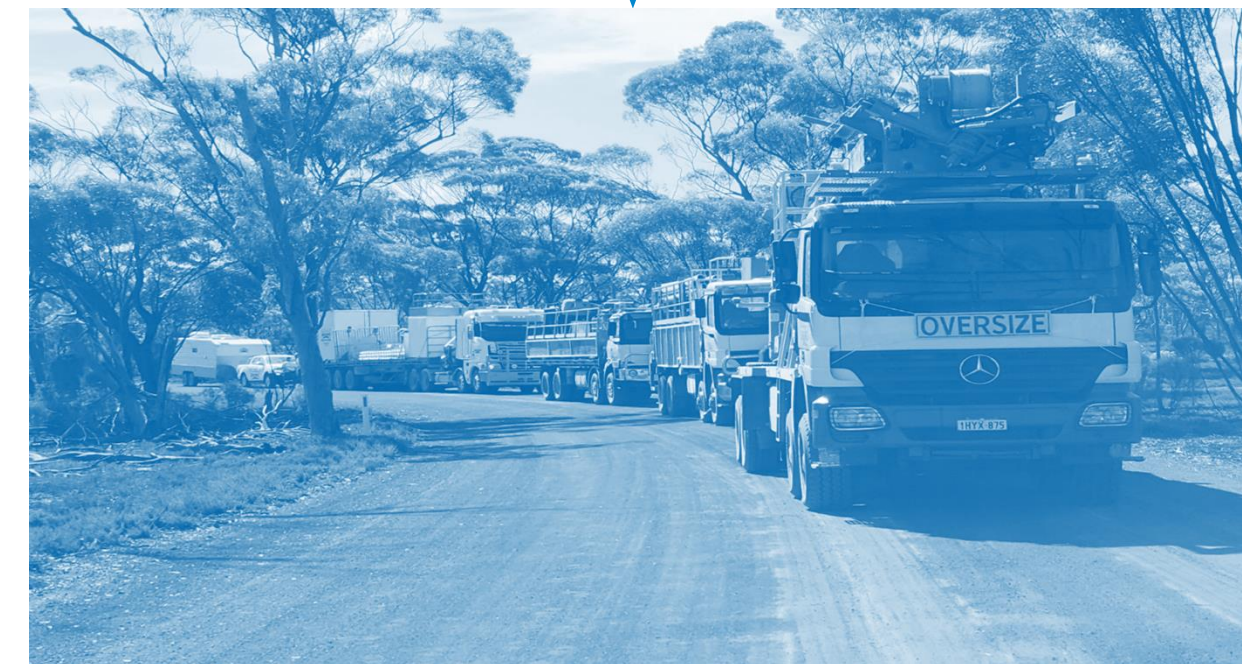
## 02 Promising Potential

- Initial drilling on known nickel-cobalt laterite deposits **confirms areas of high grade, and thick intercepts of medium grade suitable for metallurgical upgrade testwork**
- Priority targets defined and drill testing underway
- Systematic approach drives value for shareholders by de-risking initial drilling



## 03 Diversified Portfolio

- Nickel sulphide drilling underway utilising RC rig and Diamond core rig
- Large lithium in soil anomaly, in the right location, surrounded by recent **Lithium discoveries** – drilling commenced



Newsflow | October through November 2023



# Thank you

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## FOR MORE INFORMATION

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