TGMETALS

ASX:TG6

LAKE JOHNSTON PROJECT

FORWARD FACING METALS

NOVEMBER 2022

NICKEL | LITHIUM | GOLD

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

METALS

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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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This presentation contains certain statements that may constitute “forward looking statement”. Such statements are only predictions and are subject to inherent risks and uncertainties, which could cause actual values, results, performance achievements to differ materially from those expressed, implied or projected in any forward looking statements.

Forward-looking statements are statements that are not historical facts. Words such as “expect(s)”, “feel(s)”, “believe(s)”, “will”, “may”, “anticipate(s)” and similar expressions are intended to identify forward-looking statements. These statements include, but are not limited to statements regarding future production, resources or reserves and exploration results. All such statements are subject to certain risks and uncertainties, many of which are difficult to predict and generally beyond the control of the Company, that could cause actual results to differ materially from those expressed in, or implied or projected by, the forward-looking information and statements. These risks and uncertainties include, but are not limited to: (i) those relating to the interpretation of drill results, the geology, grade and continuity of mineral deposits and conclusions of economic evaluations, (ii) risks relating to possible variations in reserves, grade, planned mining dilution and ore loss, or recovery rates and changes in project parameters as plans continue to be refined, (iii) the potential for delays in exploration or development activities or the completion of feasibility studies, (iv) risks related to commodity price and foreign exchange rate fluctuations, (v) risks related to failure to obtain adequate financing on a timely basis and on acceptable terms or delays in obtaining governmental approvals or in the completion of development or construction activities, and (vi) other risks and uncertainties related to the Company’s prospects, properties and business strategy. Our audience is cautioned not to place undue reliance on these forward-looking statements that speak only as of the date hereof, and we do not undertake any obligation to revise and disseminate forward-looking statements to reflect events or circumstances after the date hereof, or to reflect the occurrence of or non-occurrence of any events.

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.

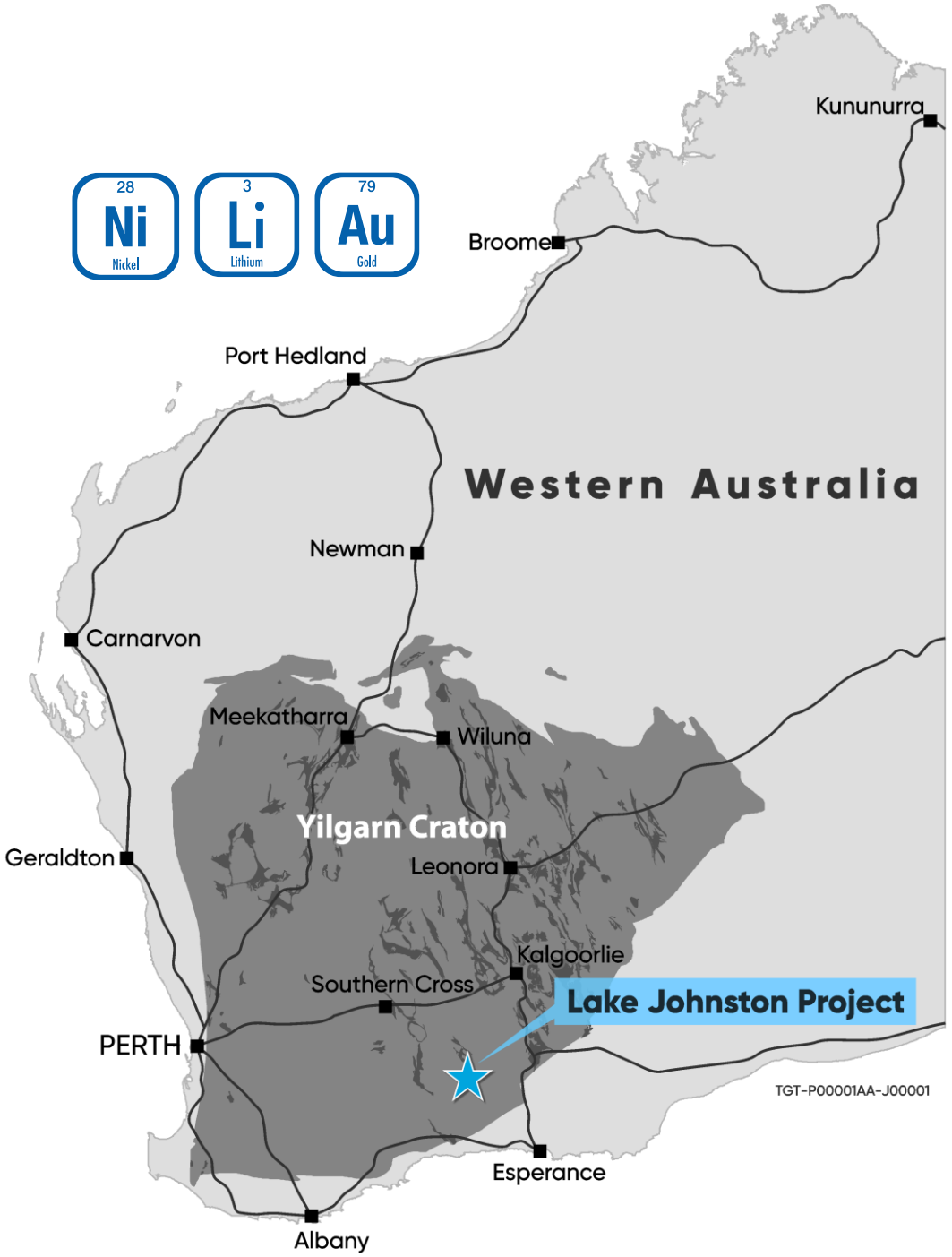
The Company is not aware of any new information or data that materially affects the information included in this ASX release, and the Company confirms that, to the best of its knowledge, all material assumptions and technical parameters underpinning the exploration results in this release continue to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

INVESTMENT HIGHLIGHTS

Commodities for the 21st Century

TG Metals Limited is exploring and developing a portfolio of exploration properties, focusing on **nickel, lithium and gold** in the Lake Johnston Greenstone Belt of Western Australia

- **Proximity to significant past and current producing nickel mines**
- **Extensive historical drilling and geophysics provide a head start to discovery**
- **Lithium soil anomalies discovered this year**
- **Priority nickel sulphide targets generated**
- **Exploration Target defined on Bremer Nickel Laterite**
- **50+ km strike of underexplored greenstone belt with proven mineral endowment**
- **Experienced Board and Technical Team**



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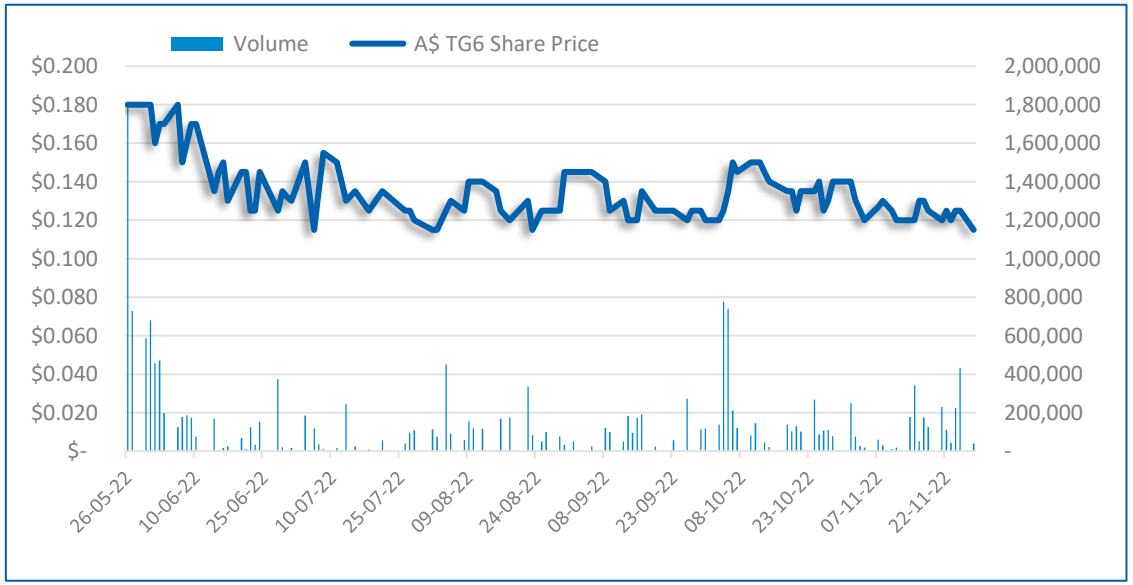
CORPORATE OVERVIEW

CAPITAL STRUCTURE
NOVEMBER 2022

SHARES ON ISSUE **57.3M**	CASH *At 30 Sept 2022* **$5.1M**
MARKET CAP *(@$0.125/SHARE)* **$7.2M**	UNLISTED OPTIONS* **14.98M**
PERFORMANCE RIGHTS ** **5.1M**	ENTERPRISE VALUE **$1.8M**

SHAREHOLDER COMPOSITION

Top 50 Shareholders	68%
Directors & Management	6.53%



* 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)

BOARD AND MANAGEMENT

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



Mr Richard Bevan (Non Executive Chairperson)

Qualifications: 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) and Non-executive Director of Cannon Resources Ltd (ASX: CNR).



Mr David Selfe (Chief Executive Officer)

Qualifications: 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)

Qualifications: 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, AICD

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

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.

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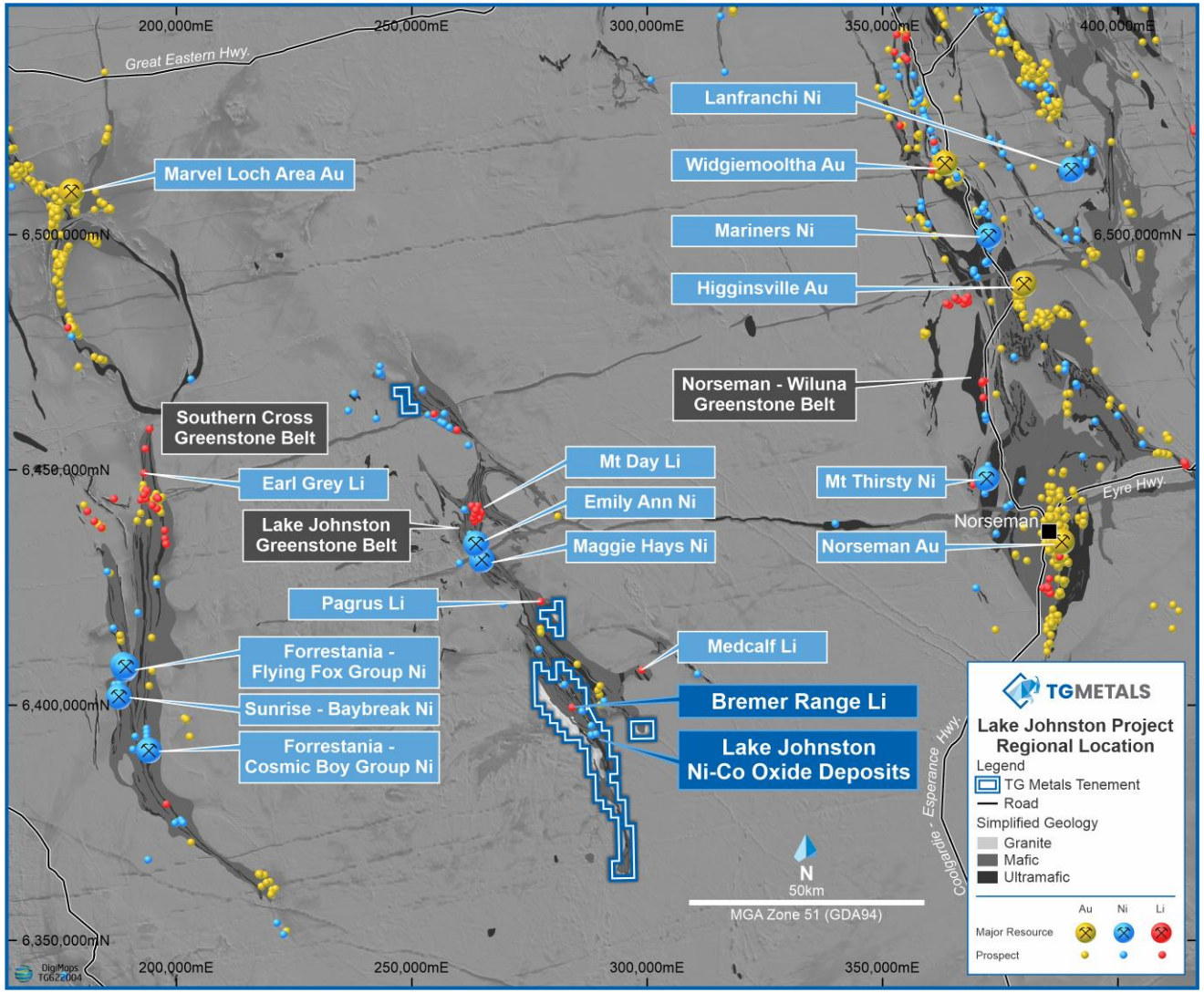
SIGNIFICANT LAND PACKAGE

Located between two prolific WA Greenstone Belts

- The Lake Johnston Greenstone Belt is geologically similar to the prolific gold and nickel producing Forrestania-Southern Cross Greenstone Belt
- Historically overlooked and under-explored – Lake Johnston was never the main project focus for the “nickel majors” that held the ground historically
- TG Metals has the most significant land package ever held by one company in the history of exploration within the Lake Johnston Greenstone Belt
- Aggressive exploration strategy delivering vectors to discoveries
- Trucking distance to 3 nickel processing facilities



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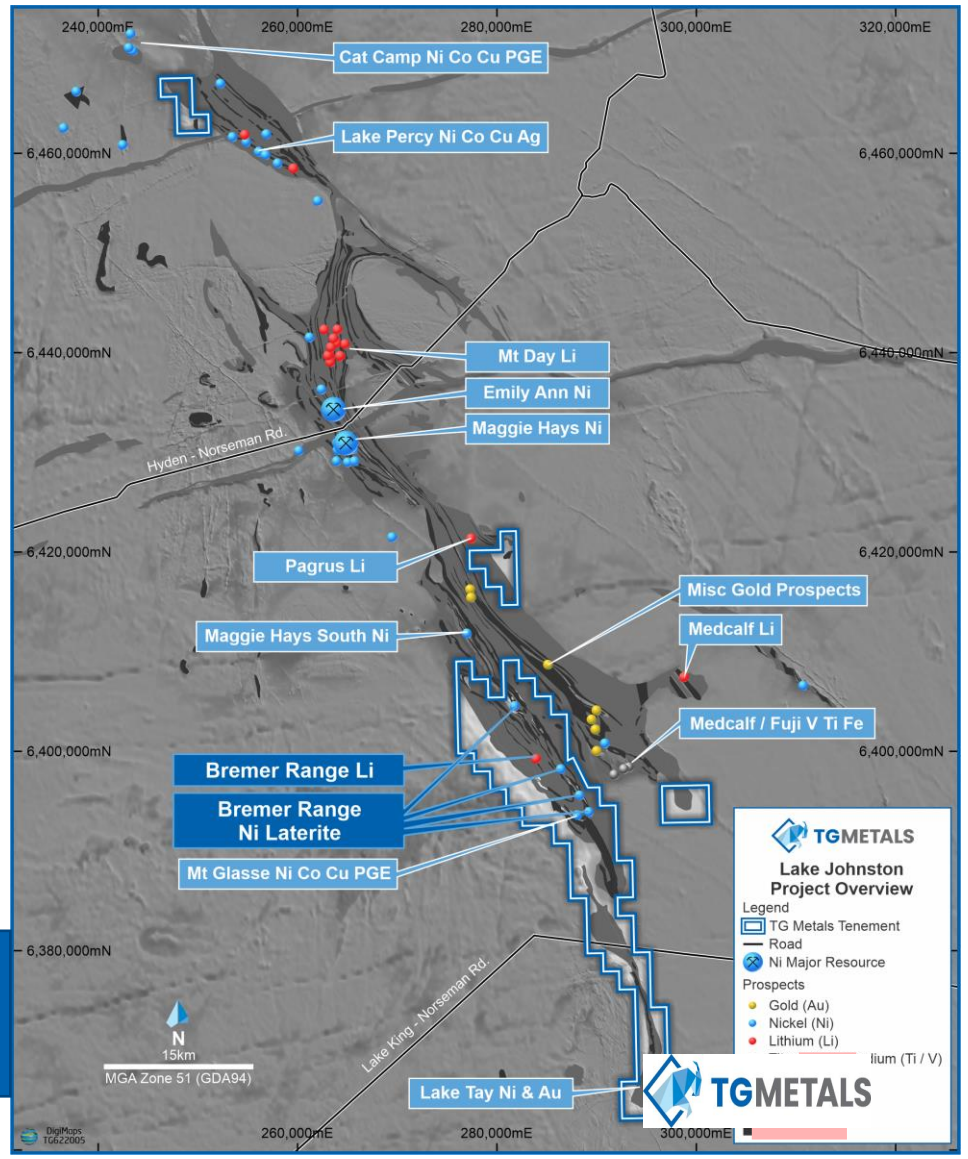
LAKE JOHNSTON PROJECT

100% owned project

- Granted tenure covering +50km strike of Lake Johnston Greenstone Belt consolidates the southern region for the first time. Tenement area 333km^2.
- Recognised Central Ultramafic Unit (CUU) the host for Maggie Hays and Emily Anne Ni sulphide deposits, extends for the entire length of the project.
- Contemporary geological model for intrusive nickel sulphide formation not previously considered
- Lithium potential enhanced following soil sampling, with known occurrences in the region*
- New generation geophysics currently underway on site to penetrate deep weathering and identify mineralisation under conductive cover
- Initial Exploration Target for the Bremer Ni Laterite (ASX TG6: 10 Nov 2022)

With nickel laterite, nickel sulphide and lithium, the Bremer Range prospect is truly showing a unique multifaceted commodity endowment



Regional Magnetics and Major Deposits/Prospects of the Lake Johnston Greenstone Belt

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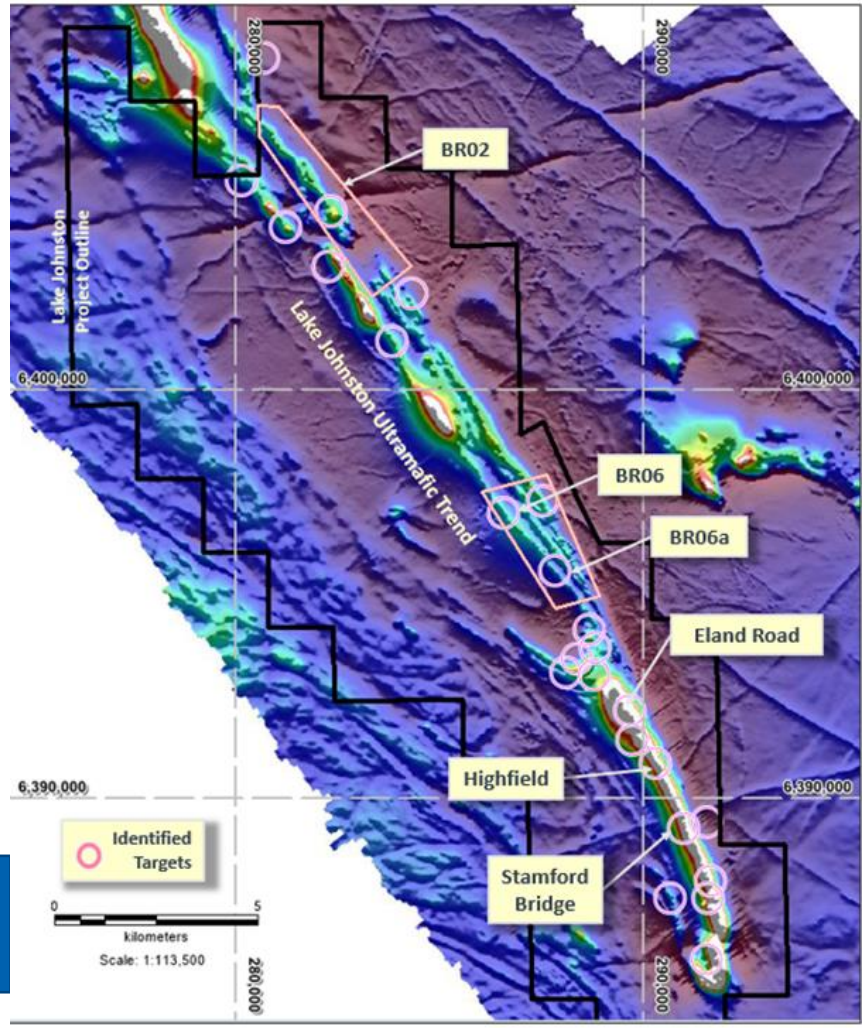
* Charger Metals Lake Johnston Lithium, Mt Day and Medcalf lithium deposits

NEW NICKEL SULPHIDE FOCUS

Key activities to define and unlock value

- Results of recent review have identified priority nickel sulphide targets
- Current Moving Loop TEM program underway on identified targets. Results expected mid December
- Basement/fresh rocks have not been well tested for sulphide mineralization in the past
  - Multiple indicators of sulphide mineralisation in the oxide zone and in soil samples
  - Testing for sulphides below the weathering profile with high powered TEM underway.
  - Numerous historical geophysical conductors identified – potential indicators of massive sulphide mineralization, now being improved with modern TEM.
  - Applying new geology interpretations to the southern targets



Well leveraged off past exploration data and refined techniques

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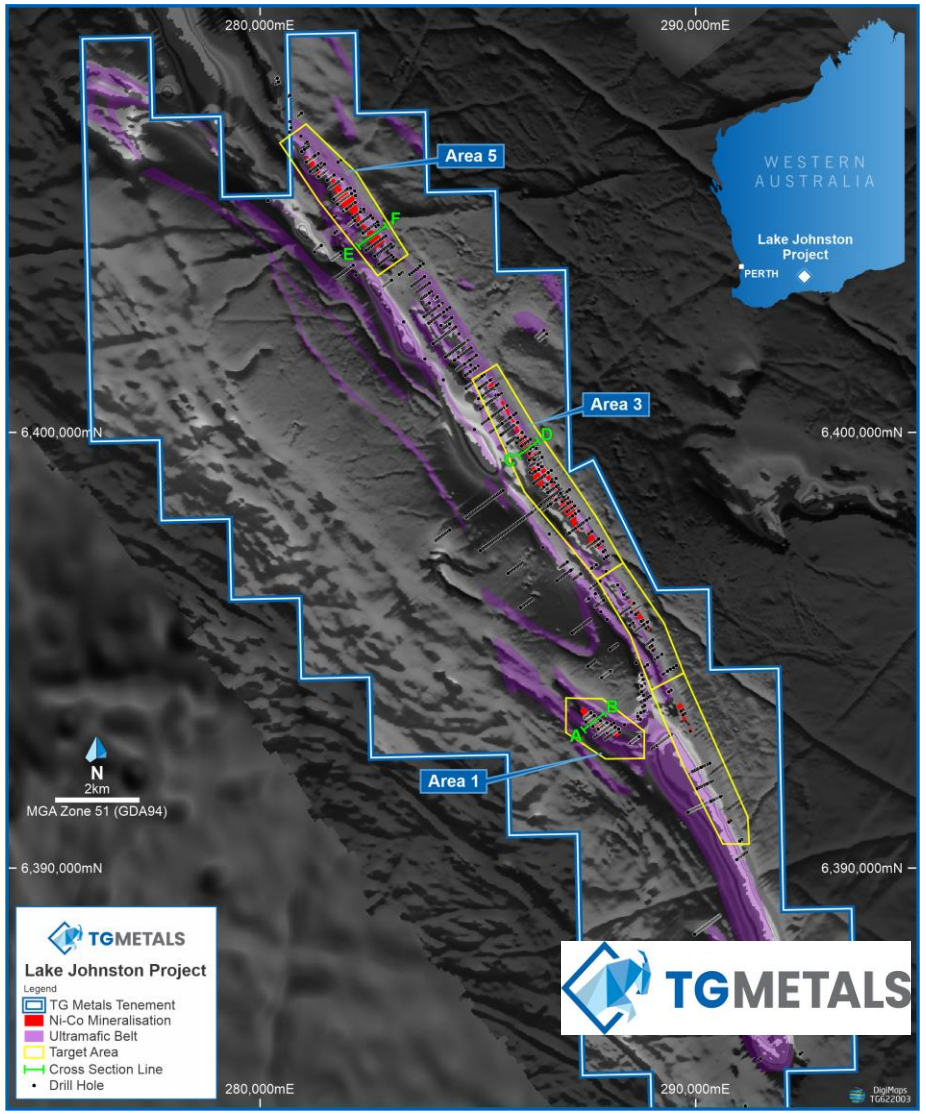
DEFINED NI-CO LATERITE DEPOSITS

TG Metals Initial Exploration Target Statement*

- Majority of the historical drilling is shallow – testing only the oxide (weathered) material
  - Multiple drill results of +1% nickel and cobalt up to 6,900ppm defines large nickel-cobalt oxide (surficial/lateritic) deposits
  - "Exploration Target" for nickel-cobalt oxide deposits stated as 28 million to 32 million tonnes at 0.41% Ni to 0.47% Ni
  - Planning and permitting underway for confirmatory and infill drilling, initially on Area 3
  - Potential for beneficiation, samples to be collected for metallurgical testwork
  - Historical drilling ended in mineralisation and/or poorly sampled
  - Results provide platform for future resource definition drilling
  - Less than 140km to Ravensthorpe Nickel Operations



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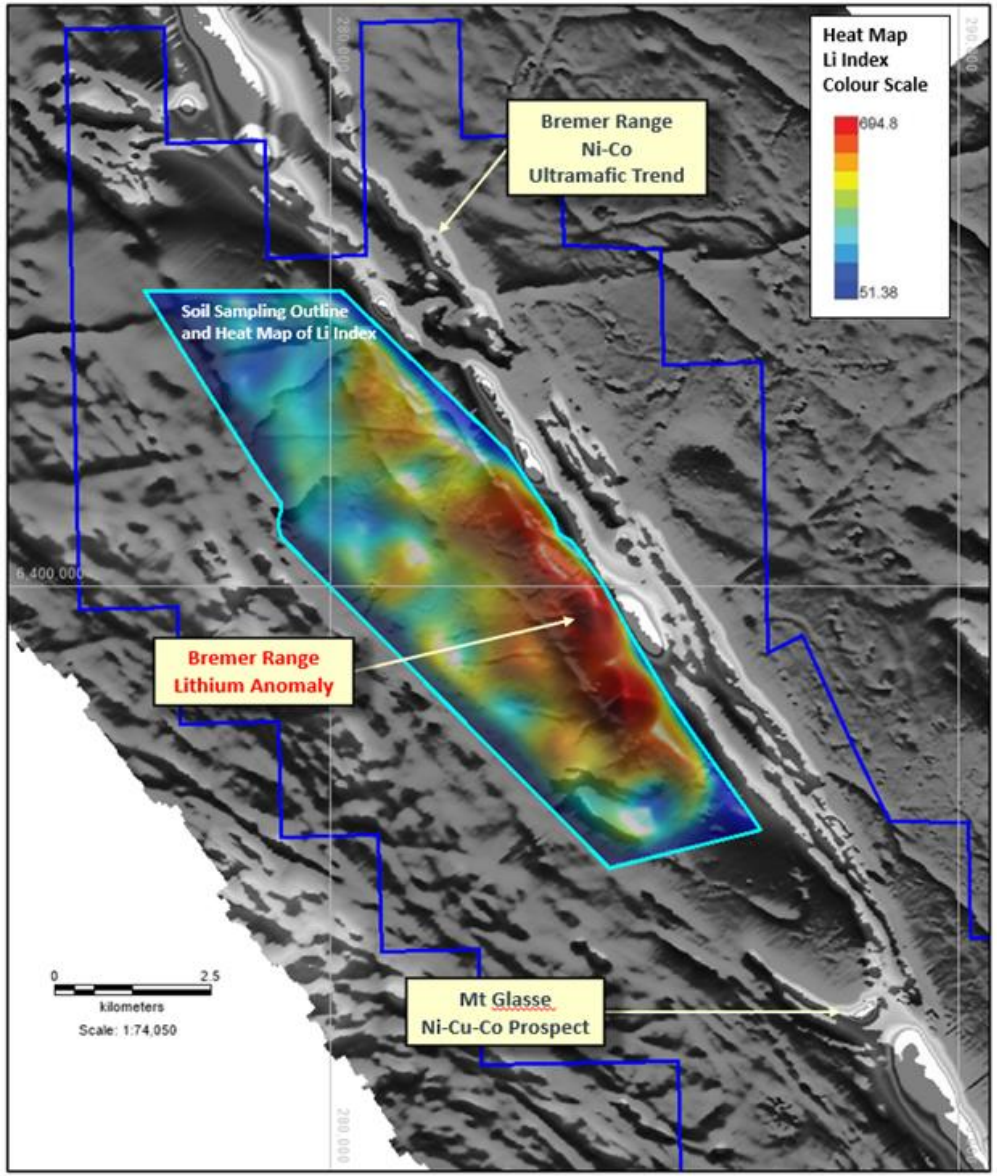
*Refer to ASX Announcement 10 November 2022

LITHIUM PROSPECTIVITY

MAIDEN SOIL SAMPLING CAMPAIGN DELIVERS LITHIUM ANOMALIES

- Lake Johnston Greenstone Belt hosts defined Lithium-caesium-tantalum (LCT) pegmatites – a source of about one-fourth of the world's lithium production and most of the tantalum production
- Soil sampling has defined Lithium Indicator anomalies distal to the granite-greenstone contact which is preferred for development of LCT pegmatites. (ASX TG6: 4 Oct 2022)
- Neighbours have defined spodumene bearing pegmatites in proximal lithium prospects, most notably Charger Metals NL.
- Next steps, shallow aircore drilling to define orientations and thickness and grade.
- Past exploration has been dominated by nickel producers and explorers, lithium exploration on the Lake Johnston project is in it's infancy.



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EXPLORATION STRATEGY – DELIVERING RESULTS



SYSTEMATIC APPROACH

Interrogate historical surface geochemistry and identify anomalies and matched to old and new geophysics



APPRAISE AND DEFINE

Prioritise targets for follow up geophysics

Conduct new soil sampling for lithium



ANALYSIS & PLANNING

Assess new anomalies for drill testing for

LITHIUM
NICKEL LATERITE
NICKEL SULPHIDE *(Underway)*



PRIORITISED DRILL TARGETS

Generate drilling targets and define on-going work programs

Ground truth targets



MAIDEN DRILL PROGRAM

Seek work program approvals for initial drilling programs and commence targeted drilling program

Explore, Discover & Develop World Class Mineral Deposits for the 21st Century

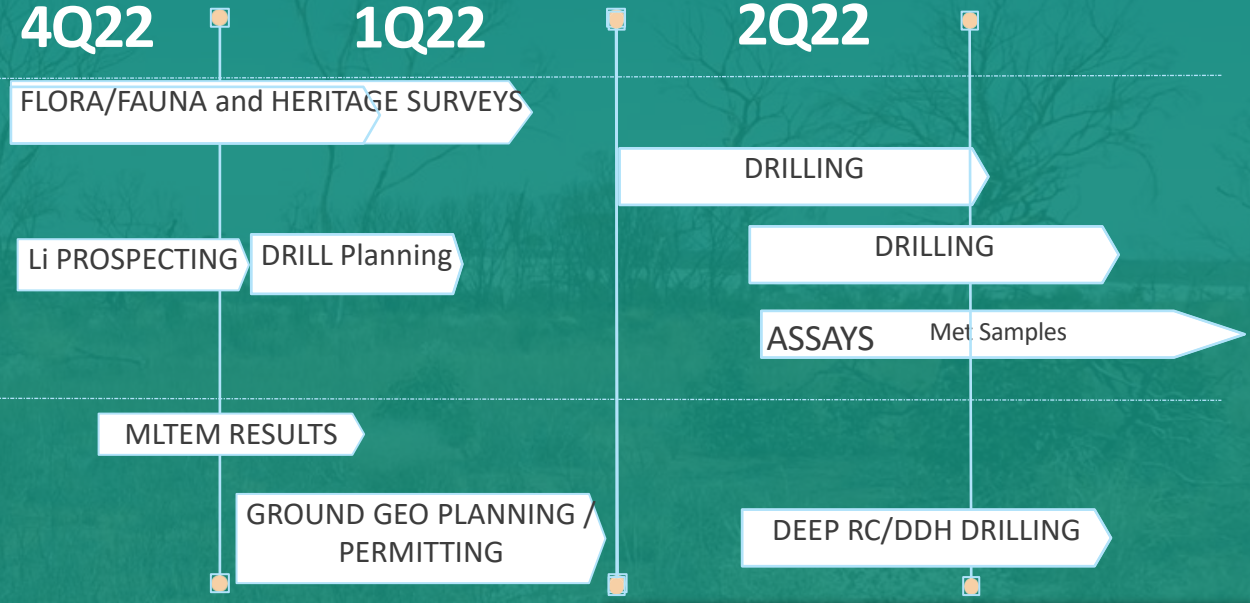
EXPLORATION SCHEDULE – KEY MILESTONES

BREMER RANGE

- Exploration Permitting
- Drilling Program
- Lithium Anomalies
- Bremer Range oxide nickel-cobalt resource assessment

Mt GLASS & LAKE TAY

- Geophysics results
- Deep Drilling planning & permitting, encompassing Lake Tay &
  Mt Glass Prospects Nickel-Copper-PGE Prospects





INVESTMENT PROPOSITION





❖ MULTIFACETED COMMODITIES FOR THE 21ST CENTURY

The Project contains a number of quality assets with indicators for nickel laterite, nickel sulphide and lithium in Western Australia. Proximal to existing processing facilities

❖ HISTORICAL DATA AND EARLY STAGE EXPLORATION CONFIRMS PROSPECTIVITY

The Company is well funded to implement its exploration program including soil sampling, ground geophysics currently underway, and planning and commencement of maiden drill program

❖ SYSTEMATIC APPROACH DRIVES VALUE FOR SHAREHOLDERS

1. **High-grade nickel-cobalt oxide deposits identified for resource definition drilling and metallurgical testwork**
   Awaiting clearance for drilling early in 2023
2. **Large Lithium in soil anomaly identified**
   Ground truthing and planning for drilling underway
3. **Target generation for nickel sulphide deposits almost completed**
   Clearances for drilling to be sought early in 2023

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Thank you

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FOR MORE INFORMATION

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