



AGM 2024 CEO's PRESENTATION

LJ LITHIUM, WELL POSITIONED

Lake Johnston Lithium-Nickel-Gold Project

2024 ANNUAL GENERAL MEETING

Investor Presentation

November 2024

ASX:TG6

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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.

Cautionary Statement – Visual Estimates

This presentation contains references to visual results and visual estimates of mineralisation. The Company draws attention to uncertainty in reporting visual results. Visual estimates of mineral abundance should never be considered a proxy for laboratory analyses where concentrations or grades are the factor of principal economic interest. Visual estimates also potentially provide no information regarding impurities or deleterious physical properties relevant to valuations.

LITHIUM FOCUSED EXPLORATION & DEVELOPMENT

- ✓ Burmeister Lithium deposit progressing to maiden resource
- ✓ Jaegermeister prospect discovery adds to the project size
- ✓ Seismic results show continuity of pegmatite structures at depth
- ✓ First metallurgical tests produce SC6 concentrate under DMS*
- ✓ Setting up for the Lithium Industry recovery

**MAKING DISCOVERIES
PROVING DEPOSITS**





CORPORATE OVERVIEW

CAPITAL STRUCTURE

Shares on Issue	Cash & Receivables ¹	Market Cap ²	Enterprise Value
71.1M	\$6.2M	\$10.0M	\$3.8M
	¹ at 30 Sept 2024	² at \$0.14 share price	
Unlisted Options*	Performance Rights**	<small>* 7.81m Vendor & Seed options: 24 May 2025 expiry, \$0.20 and \$0.25 exercise * 3m Director & Management options: 24 May 2027 expiry, \$0.30 exercise * 2.0m Broker options: 9 Feb 2027 expiry, \$1.125 exercise ** Various VWAP based incentive milestones (starting from 20 day VWAP exceeding \$0.40)</small>	
12.8M	5.1M		

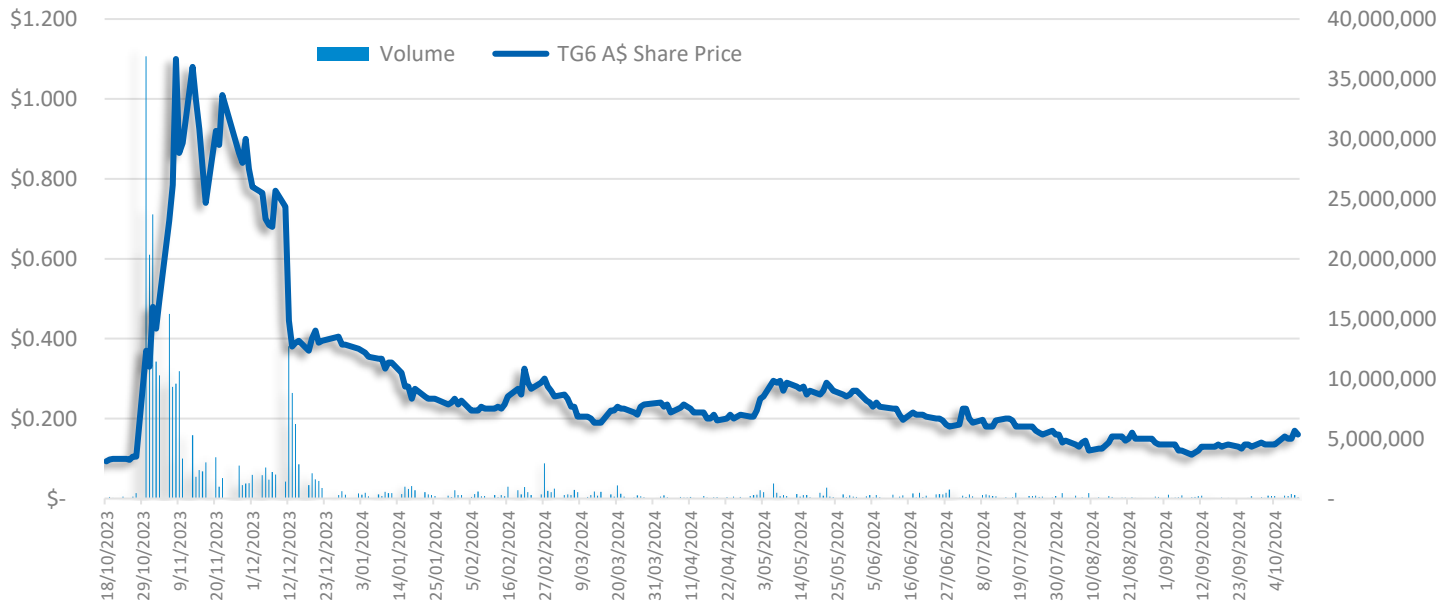
DIRECTORS & MANAGEMENT

Mr Richard Bevan	Non Executive Chairman	Mr David Selfe	Chief Executive Officer
Mr Brett Smith	Non Executive Director	Ms Nicki Farley	Company Secretary
Ms Gloria Zhang	Non Executive Director		

SHAREHOLDER COMPOSITION

Top 50 Shareholders	59.98%
Directors & Management	5.40%

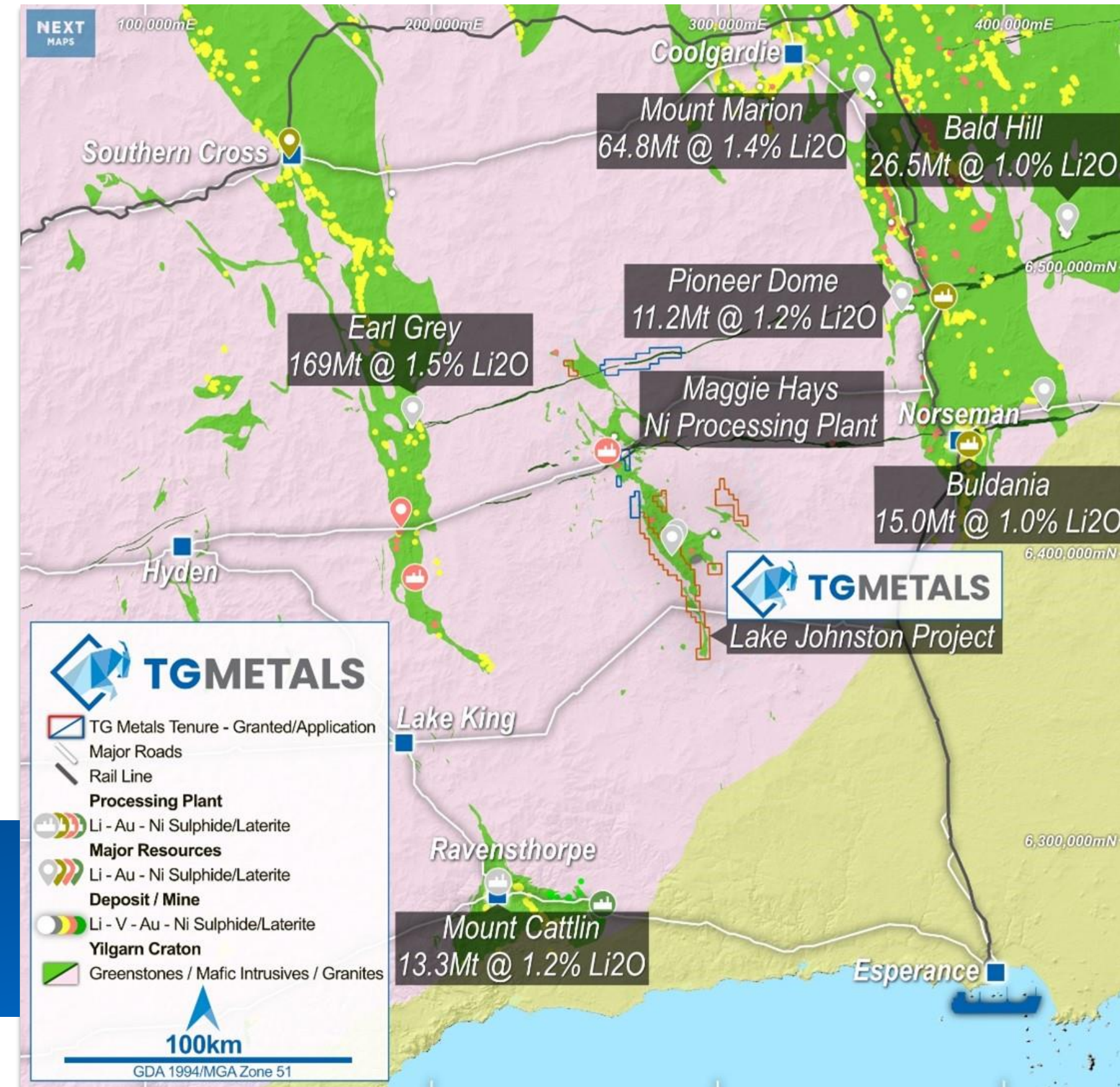
SHARE PRICE 12 Months



LAKE JOHNSTON REGION OF WESTERN AUSTRALIA

- Four operating lithium mines
- Close to Esperance Port
- TG Metals has the dominant land holding across the Lake Johnston greenstone belt
- TG Metals Burmeister lithium deposit is the largest in the belt, comparable to regional deposits
- Discovered only 1 year ago
- RIO building a presence

PROVEN LITHIUM ENDOWMENT



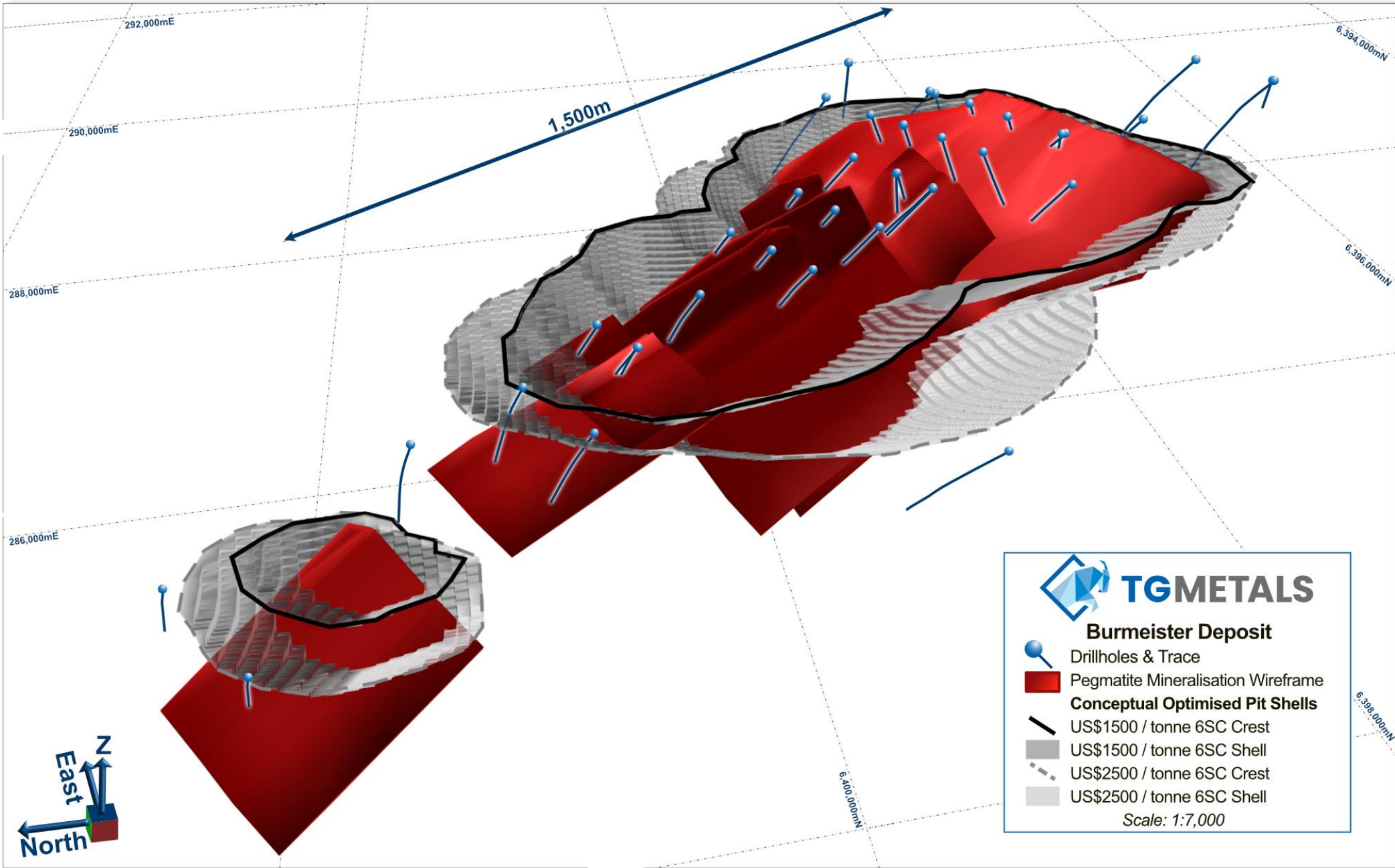
BURMEISTER DEPOSIT

- Exploration Target Statement*

Tonnes Range Low	Tonnes Range High	Li ₂ O Range Low (%)	Li ₂ O Range High (%)
15.6 million	20.1 million	0.97	1.19

At 0.4% Li₂O cutoff

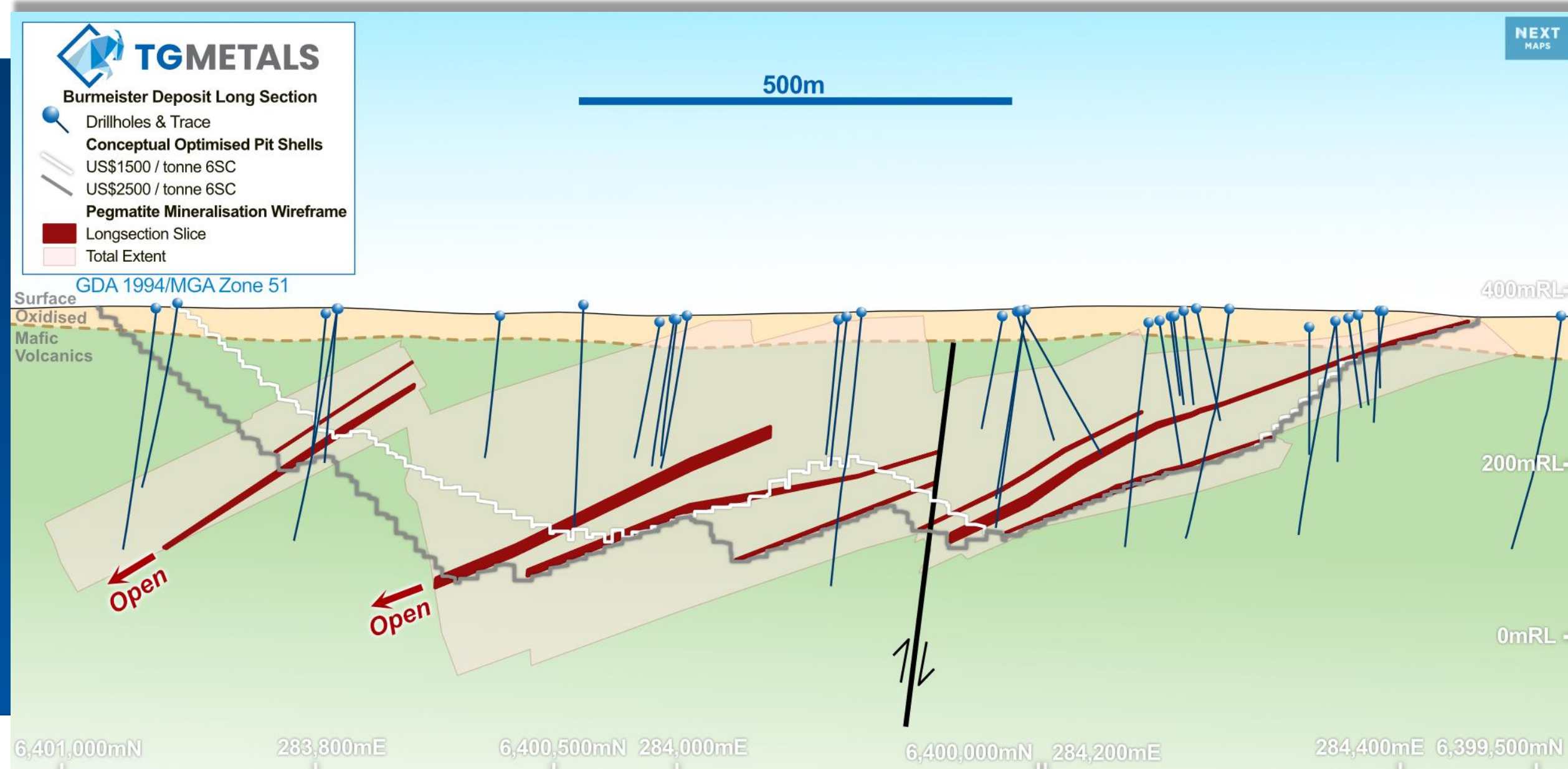
- Potential stand alone size
- Best drill intercepts from recent drilling*:
 - 23.5m @ 1.52% Li₂O, from 127.4m
 - 20m @ 1.38% Li₂O, from 120m
 - 20m @ 1.13% Li₂O, from 129m
 - 10.5m @ 1.60% Li₂O, from 87.2m



**BURMEISTER - A SIGNIFICANT HARD
ROCK LITHIUM DEPOSIT**

BURMEISTER PEGMATITES

- Shallow weathering profile – mineralisation extends close to surface
- Stacked pegmatites with shallow dips – Concentrate drilling above 250m depth
- Optimised pit shells take in majority of modelled mineralisation – **open at depth**
- Spodumene occurs throughout the pegmatites – Consistent Mineralisation
- 100m x 100m infill to get inferred resource



**OPEN DOWN
DIP, UP DIP
AND ALONG
STRIKE**

BURMEISTER METALLURGY

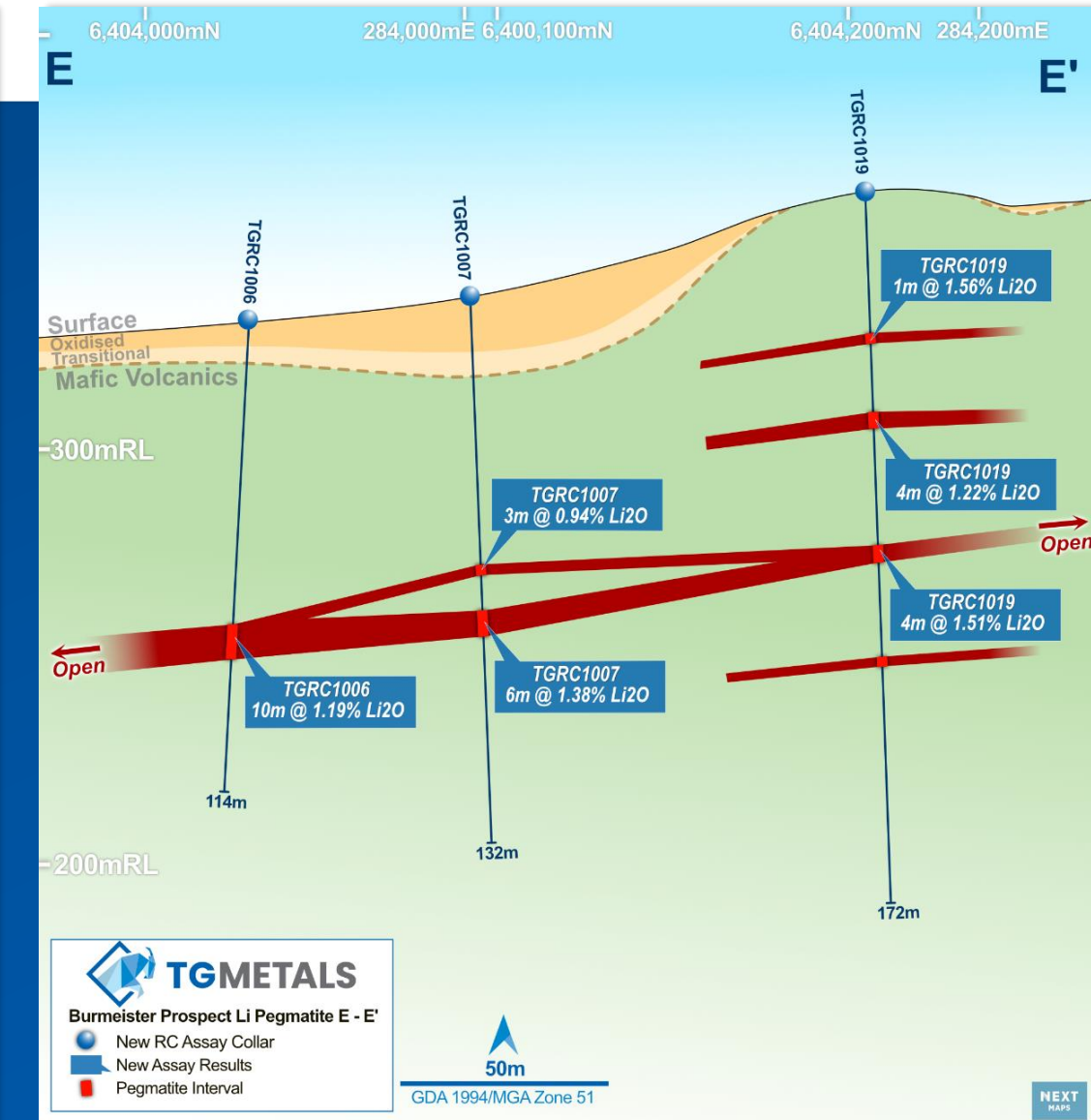
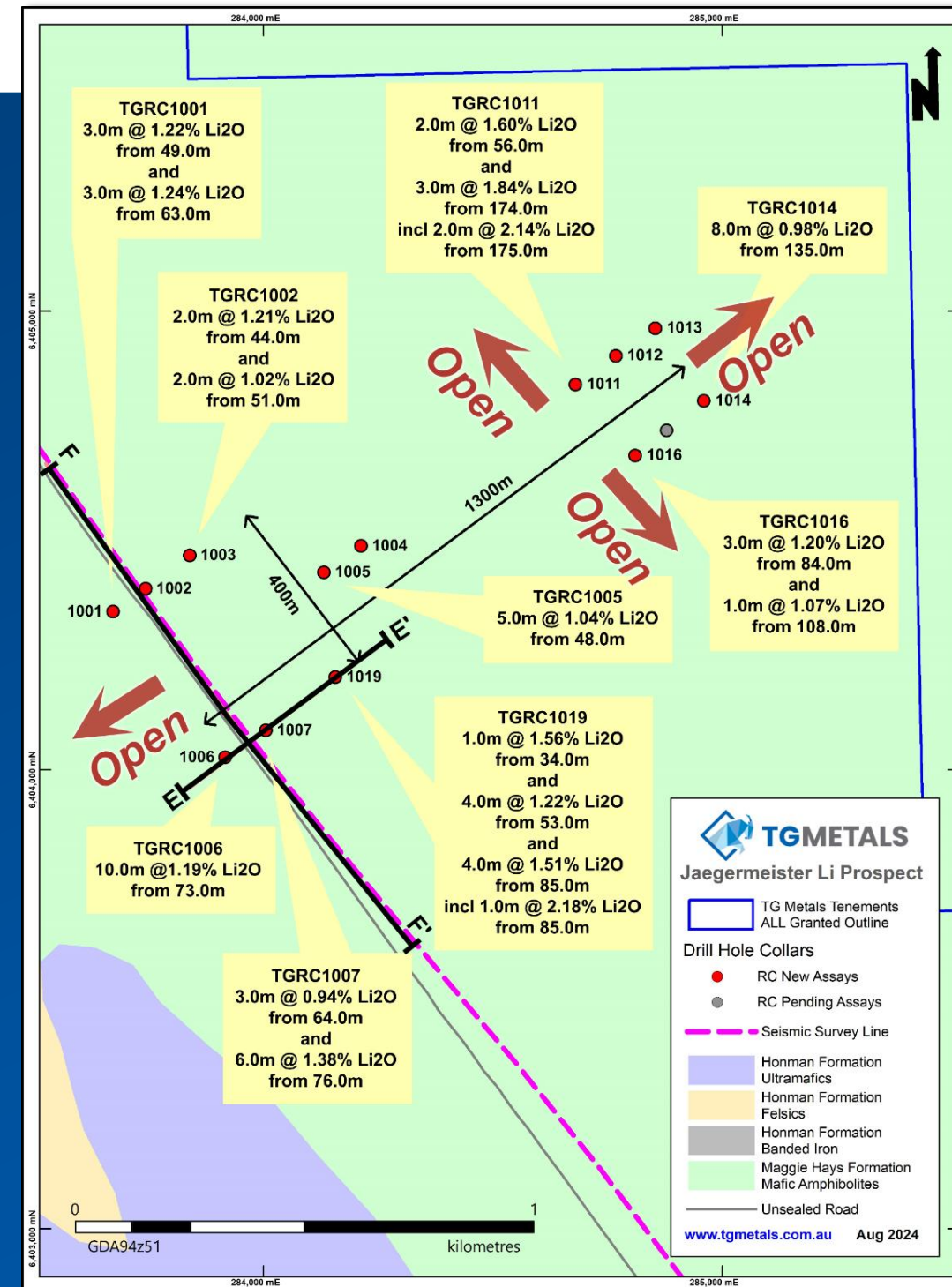
- Spodumene identified as the dominant mineral @ 35.9% content*
- First sighter metallurgy has produced spodumene concentrate up to 6.31% Li_2O **
- DMS proven effective on Burmeister ore **
- Front end ore sorting performed well, rejecting ~ 70% of basalt waste, upgrades process feed
- Flotation testwork on fines stream post DMS
- Hybrid DMS - Flotation flowsheet targeted
- Open pit amenable and consistent process feed and hybrid flowsheet

**TREND TOWARDS BOTTOM OF
THE COST CURVE**



JAEGERMEISTER PROSPECT

- First drilling discovers new high grade pegmatites
- Thickening to the west, 10m @ 1.19% Li₂O* on westernmost hole drilled so far
- Initial indications that Jaegermeister potentially as big or larger than Burmeister
- Seismic results show Jaegermeister pegmatite structures remarkably consistent and continuous at depth
- Ability to test these structures with EIS co-funding



JAEGERMEISTER ADDS SIZE TO THE LAKE JOHNSTON LITHIUM PROJECT

EMERGING PROSPECTS

■ TAY PROSPECT

- Underexplored for lithium, historical gold and base metals focus
- Approvals process underway for drilling

■ TAYLOR ROCKS

Adjacent to RIO tenure. Potential for greenstone rafts in wider granite boundaries

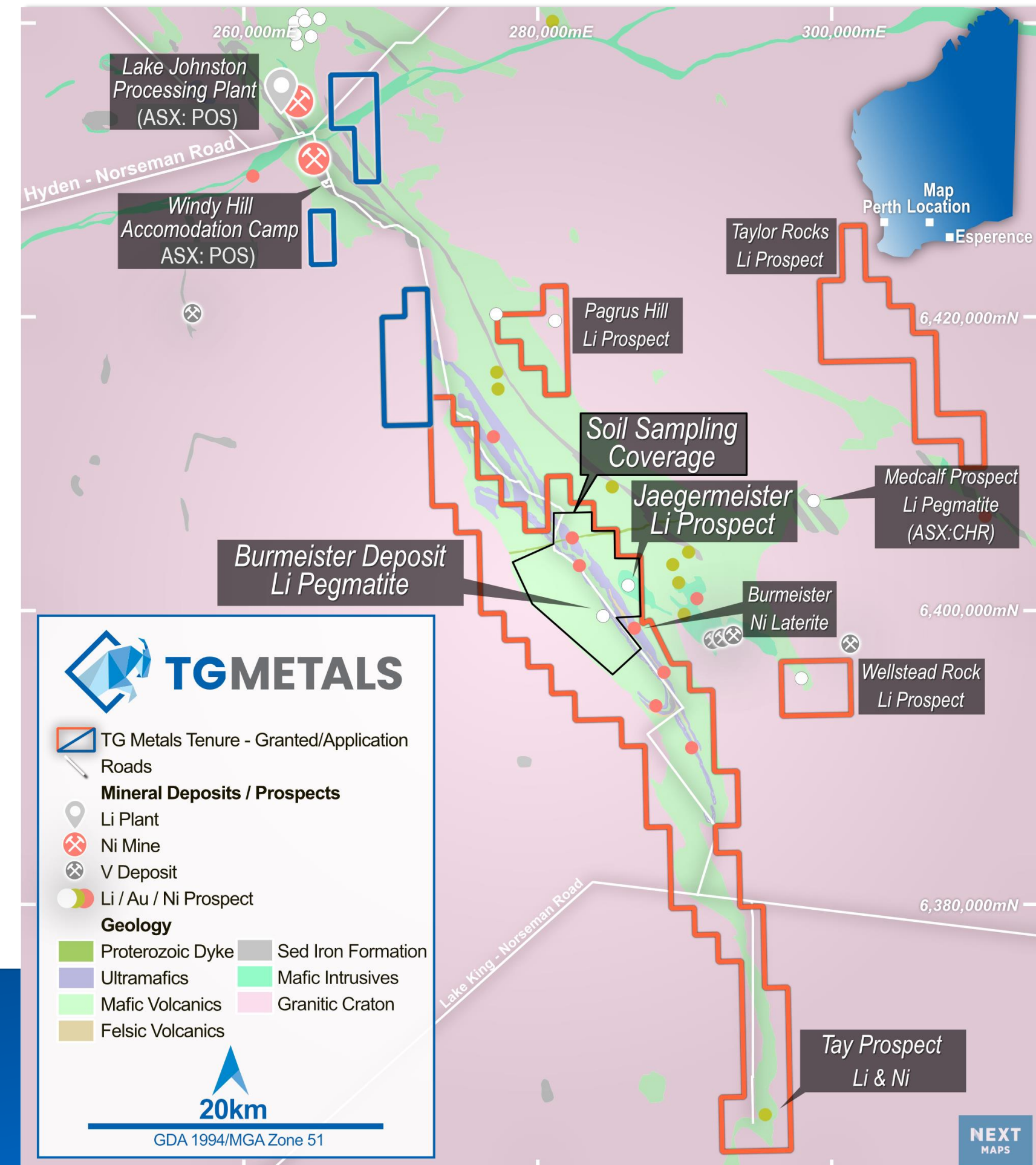
■ OTHER STRATEGIC APPLICATIONS

North of Burmeister in lightly explored greenstone

■ STRATEGIC ACQUISITIONS

The Company is constantly reviewing potential acquisitions that are value adding

OPENING UP 50KMS OF PROSPECTIVE GREENSTONE BELT



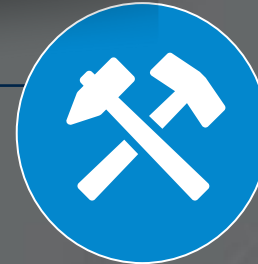
KEY INVESTMENT DRIVERS

IDENTIFY



- Evaluating lithium mineralisation early
- Construct geology and mineralisation models and Exploration Target
- Metallurgical testwork completed early
- Identify potential acquisitions and evaluate quickly – add value

DISCOVER



- **Burmeister & Jaegermeister discoveries** proves the exploration methodology
- Drilling continues to expand, further increasing the scale of the Project
- These results pave the way for more discoveries across the extensive Lake Johnstone Project area, with funding in place to meet our goals

EXPLORATION SCIENCE



- Soil sampling an effective tool at Lake Johnston
- Prioritising targets for drilling – a methodical approach that works!!
- Seismic trials over Burmeister and Jaegermeister, **shows continuous pegmatite structures**

DRILLING



- Further down-dip drilling at Jaegermeister approved
- Cost effective drilling plans
- Pegmatite consistency allows wide spaced drilling – effective low discovery costs

GROWTH



- **Emerging Lithium Province – TG Metals holds prime ground as a large system begins to take shape!**
- **Actively assessing additional project opportunities as the arise**

EXPERIENCE



TG6 boasts extensive collective experience spanning over 60 years. Comprised of four geologists with diverse yet complementary skill sets, alongside a robust board, they lay the groundwork for discovery and development.



TGMETALS

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THANK YOU

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