TECHNOLOGY METALS AUSTRALIA LIMITED

(ASX: TMT)

INVESTOR PRESENTATION APRIL 2017

"Building a World-Class Renewable Energy Company"

Important Information

All currency amounts are in AUD$ unless stated otherwise.

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Competent Person's Statement

The information in this presentation that relates to Mineral Resources and Exploration Results are based on information compiled by Mr Ian Prentice. Mr Prentice is a Director of the Company and a member of the Australian Institute of Mining and Metallurgy. Mr Prentice has sufficient experience relevant to the styles of mineralisation and types of deposits which are covered in this presentation and to the activity which they are 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' ("JORC Code"). Mr Prentice consents to the inclusion in this presentation of the matters based on his information in the form and context in which it appears.

Exploration Targets

The terms "Target" or "Exploration Target" where used in this presentation should not be misunderstood or misconstrued as an estimate of a Mineral Resource as defined in the JORC Code and therefore the terms have not been used in this context. Exploration Targets are conceptual in nature, there has been insufficient exploration to define a Mineral Resource and it is uncertain further exploration will result in the determination of a Mineral Resource.

Investment Highlights

"Invest in a World-Class Vanadium Opportunity"

Technology Metals Australia (TMT) A$7.0 million market capitalisation, EV of A$3.9 million* listed on ASX 21 December 2016.

Wholly Owned Gabanintha Vanadium Project; 4.5km strike length of mineralised gabbro along strike from Australian Vanadium Limited's (ASX: AVL market cap ~A$20m, EV ~A$17m) Gabanintha Vanadium Project.

Maiden Drilling Campaign Intersects Massive Magnetite Zone; 36 hole reverse circulation drilling program completed with first 12 holes all returning broad high grade (+1.0% V2O5) intervals.

Pure Play Vanadium Producer Largo Resources, Inc. (TSX:LGO market cap CN$193m) operating high grade Maracas Menchen Mine, Bahia State, Brazil.

Australia Based Vanadium Developer TNG Limited (ASX: TNG market cap A$120, EV ~A$110m) developing low grade Mount Peake vanadium – titanium – iron project in Northern Territory.

* As at 30 March 2017

Corporate Overview

Company Snapshot	
ASX Code	TMT
Est. cash (as at 31 March 2017)	$3.1m
Market Cap (as at 31 March 2017)	$7.0m
Shares on issue	25.1m
Options ($0.25 – 31/12/19 expiry)	15m
Performance Shares *	10m (+ 10m)
Enterprise Value	$3.9m

Ian Prentice
Executive Director

Mr Prentice is a Member of the Australasian Institute of Mining and Metallurgy and holds a Bachelor of Science (Geology) from the University of Western Australia.

Mr Prentice has served as a Director for a number of ASX-listed resource companies, with activities ranging from exploration and project acquisition in Asia and Africa through to gold production in Australia.

Michael Fry
Non-Executive Chairman

Michael Fry holds a Bachelor of Commerce degree from the University of Western Australia, is a Fellow of the Financial Services Institute of Australasia, and is a past member of the Australian Stock Exchange.

Mr Fry has extensive corporate and commercial experience, financial and capital market knowledge and a background in corporate treasury management.

Sonu Cheema
Non-Executive Director

Mr Cheema has completed a Bachelor of Commerce majoring in Accounting at Curtin University and is a member of CPA Australia.

Mr Cheema holds the position of Accountant and Company Secretary for Cicero Corporate Services and has over 10 years' experience working with public and private companies in Australia and abroad.

Growth Strategy

- **Technology Metals Australia (TMT)** was formed to source, explore and ultimately develop commodities that are applied in the technology sector.
- Target commodities include vanadium, lithium, graphite, cobalt, etc. with a focus on storage solutions for renewable energy.
- Renewable energy capacity grew by 8.6% to 1,849 Gwh in 2015, with the trend expected to be maintained.
- Vanadium Redox Batteries (VRB's) provide an efficient storage and re-supply solution for renewable energy.
- TMT has secured a 100% interest in the Gabanintha vanadium project located in the Murchison district of Western Australia.
- Maiden RC Drilling Program consisting of 36 holes completed in March 2017.

"A company that provides multi-megawatt energy storage solutions using vanadium redox fuel cells. That's one of the coolest things I've ever said out loud!"

- President Obama

Vanadium Market

- **Vanadium predominantly used in steel production;** however significant market growth is expected to be driven by the emerging energy storage (battery) sector.
- Global storage capacity expected to grow to 185 Gwh over the next few years (source; Lux Research).
- If 30% of that capacity is taken up by Vanadium Redox Batteries this would result in 300,000 tonnes of new vanadium demand.
- Demand in steel production linked to global economic environment, but is continuing to grow with increased intensity of use in developing World.
- The addition of vanadium increases steel strength up to 100% and reduces weight up to 30%.

Vanadium Demand

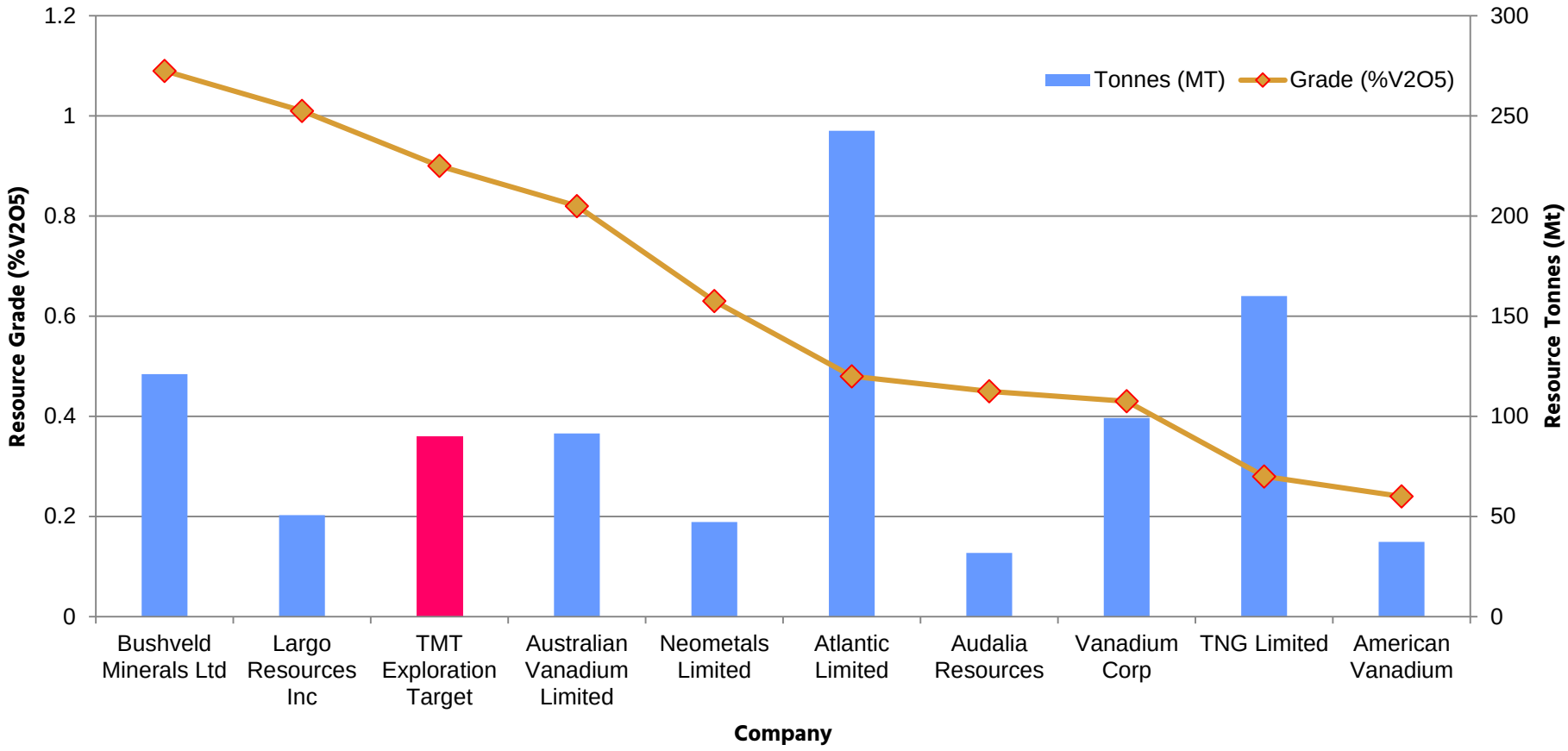
- Vanadium demand expected to increase to 131,000tpa by 2025 (source: Roskill), excluding significant growth in the battery sector.
- Increased intensity of use of vanadium in steel in developing countries to drive most near term growth.
- Widespread adoption of Vanadium Redox Batteries could increase demand for vanadium by 10,000 – 20,000tpa by 2025, compared with consumption of 1,000 tonnes in 2014.
- Demand increase from Vanadium Redox Batteries expected to emerge from about 2020 with further technological developments.

Vanadium Uses Redox Batteries

- **Vanadium Redox Batteries (VRB's)** provide an efficient storage and re-supply solution for renewable energy, with high capacity suitable for large-scale applications.
- VRB's – flow batteries – are able to time-shift large amounts of previously generated energy for later use; can provide a grid scale solution.
- Batteries are easily scalable, have very long life span, excellent charge retention and can discharge fully with no damage.
- VRB's use vanadium ions in different oxidation states to store energy, using V2O5 processed into an electrolyte. Battery capacity can be expanded by adding more storage tanks

Global Vanadium Projects

GRADE IS KEY



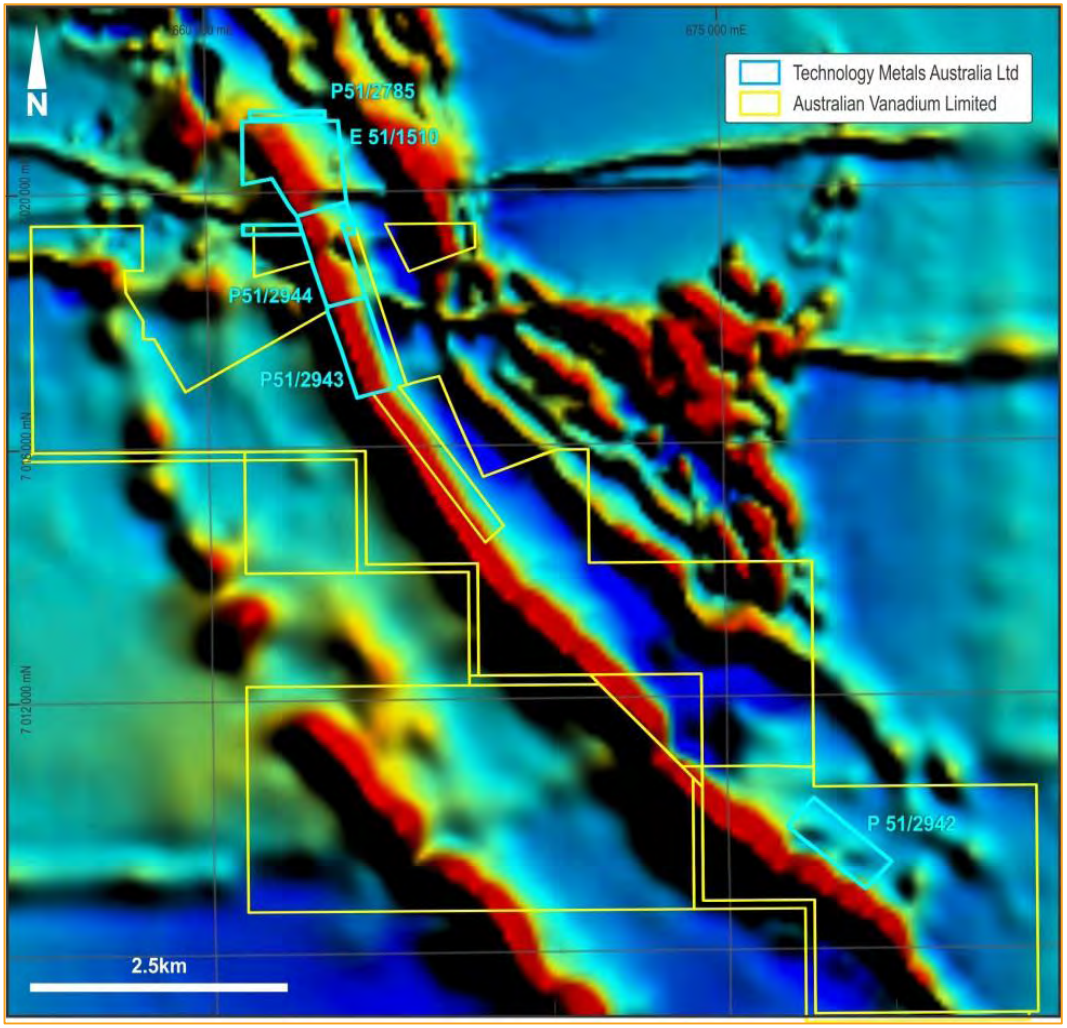
1 – TMT Exploration Target range of 80 – 100 Million tonnes at 0.8 to 1.0 % V_2O_5. This target is conceptual in nature; there has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource. Proposed airborne magnetic survey and subsequent reverse circulation drilling in the first quarter of 2017 are designed to test the validity of this target.

Gabanintha Project

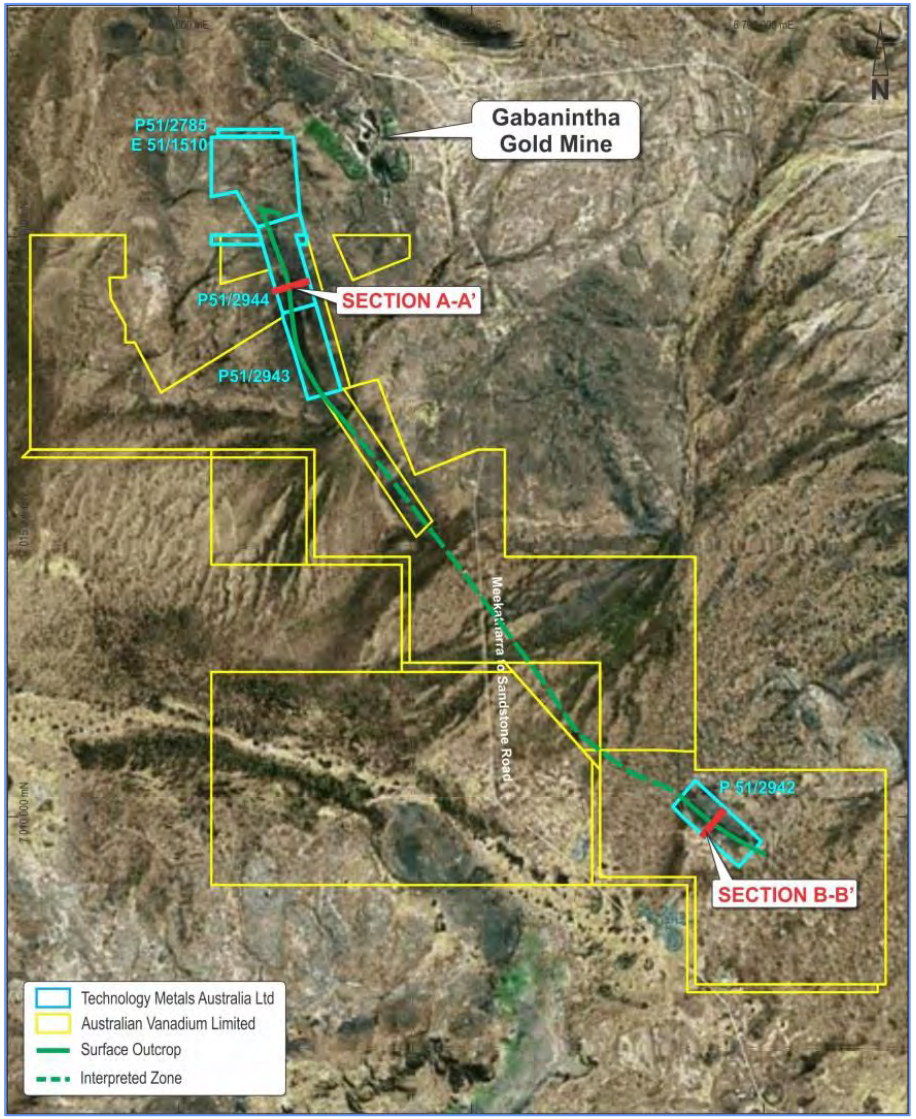
- Located 40km SE of Meekatharra in Western Australia.
- Five granted tenements.
- On strike from Australian Vanadium Limited's (ASX:AVL) Gabanintha Vanadium project.
- Historical drilling on TMT's tenements has intersected broad zones of high grade (+1.0%) vanadium mineralisation.
- Maiden reverse circulation drilling program (36 holes) completed in March 2017 with assays returning broad high grade zones (+1.0% V_2O_5) from each of the first 12 holes.

Local Geology

- Vanadium mineralisation is hosted by north west – south east trending layered mafic igneous unit.
- Iron within the layered mafic igneous unit provides a magnetic signature enabling the "mapping" of the unit.
- Vanadium enrichment is accompanied by titanium and magnetite.
- The project contains 4.5km strike length of the mineralised layered mafic igneous unit.



Mineralised Setting

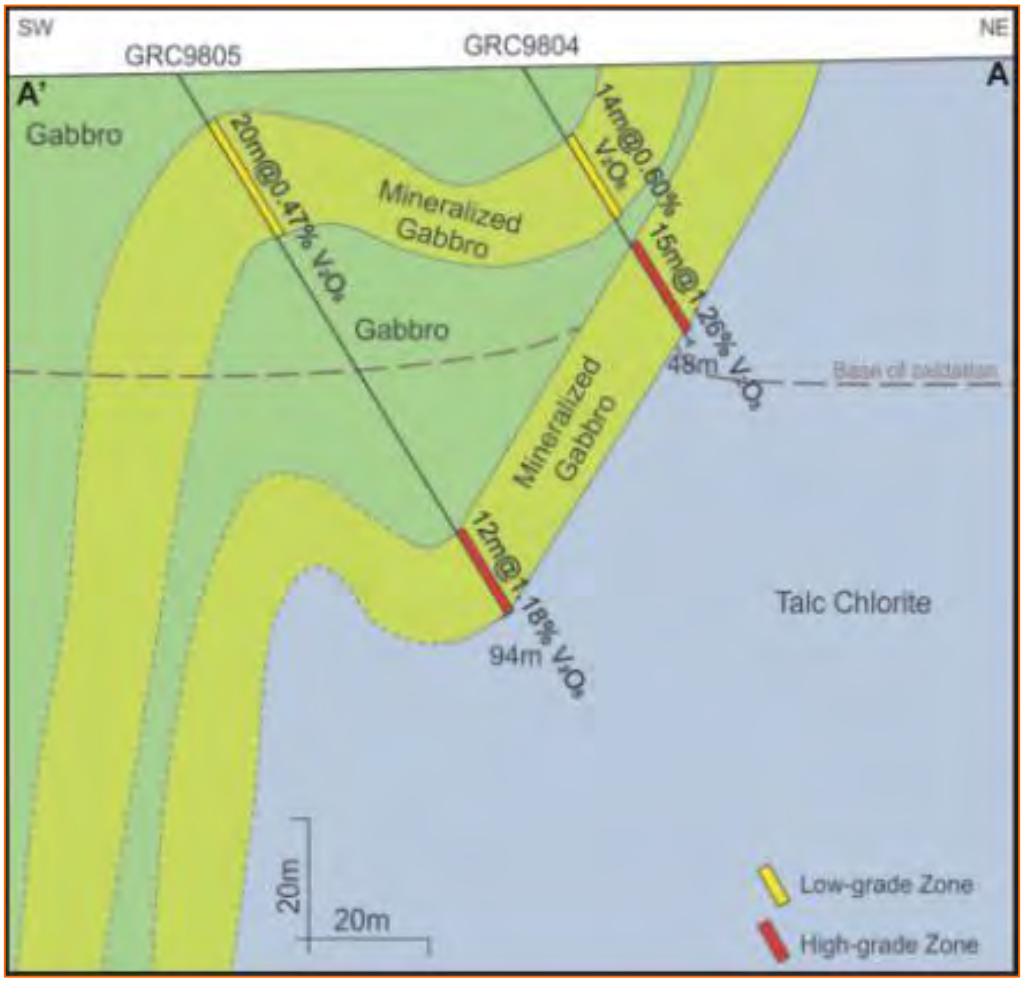


- The mineralised layered mafic igneous unit generally outcrops as low ironstone ridges within the project area.
- AVL has defined a JORC Code (2012) compliant resource[1] of 91.4Mt at 0.82% V2O5 in the northern part of its holdings (24.7Mt M&I).
- Single broad continuous high grade basal mineralised zone overlain by multiple medium grade zones.
- Historical drilling[2] completed on TMT tenements confirms presence of high grade mineralisation.

1 – ASX announcement by Yellow Rock Resources Limited (ASX: YRR) dated 10 November 2015 ("Report"). Brian Davis and John Tyrell.
2 – Refer TMT ASX announcement dated 21 December 2016 for full details of historical drilling.

Historical Exploration

- Eight RC holes were drilled within TMT's tenements in the late 1990's – five in the north and three in the south.
- All holes intersected broad high grade (+1.0% V_2O_5) basal zones of mineralised layered mafic igneous unit.
- Confirmed presence of significant widths of medium grade vanadium mineralisation overlying the high grade zone within the layered mafic igneous unit.



March 2017 Drilling program

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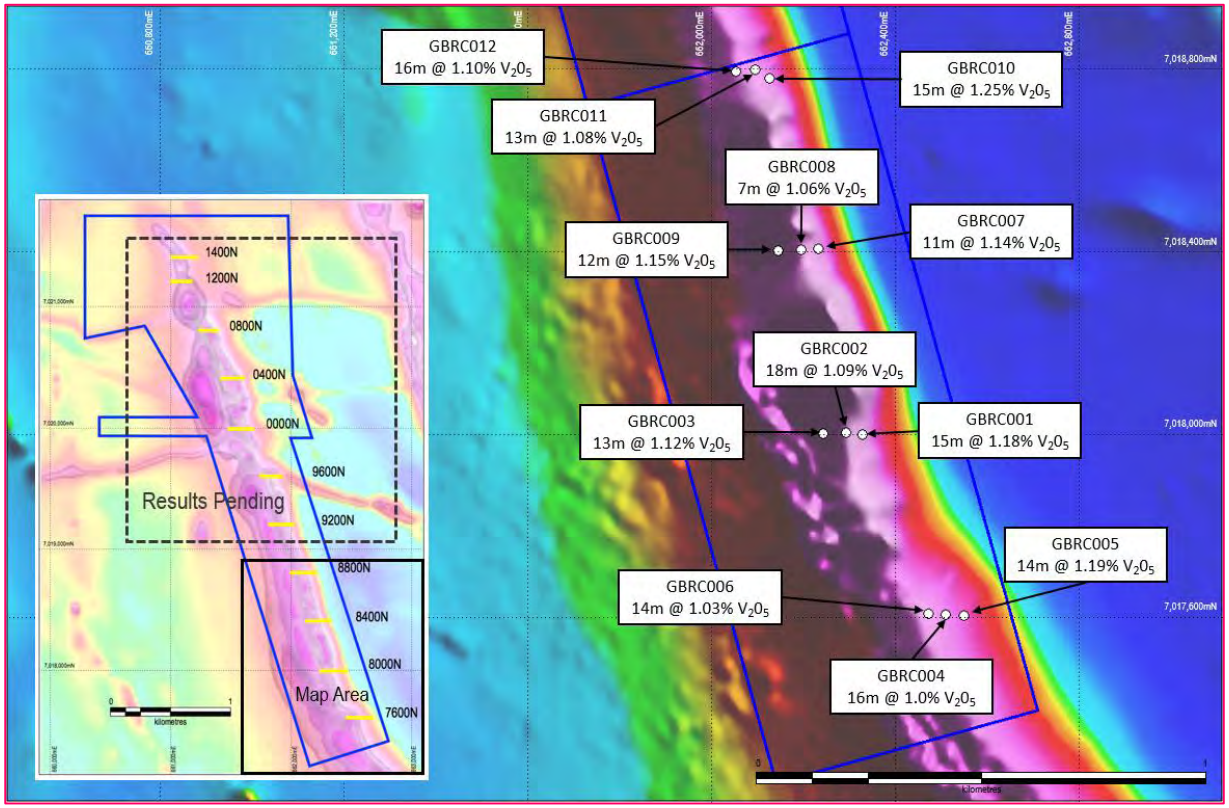
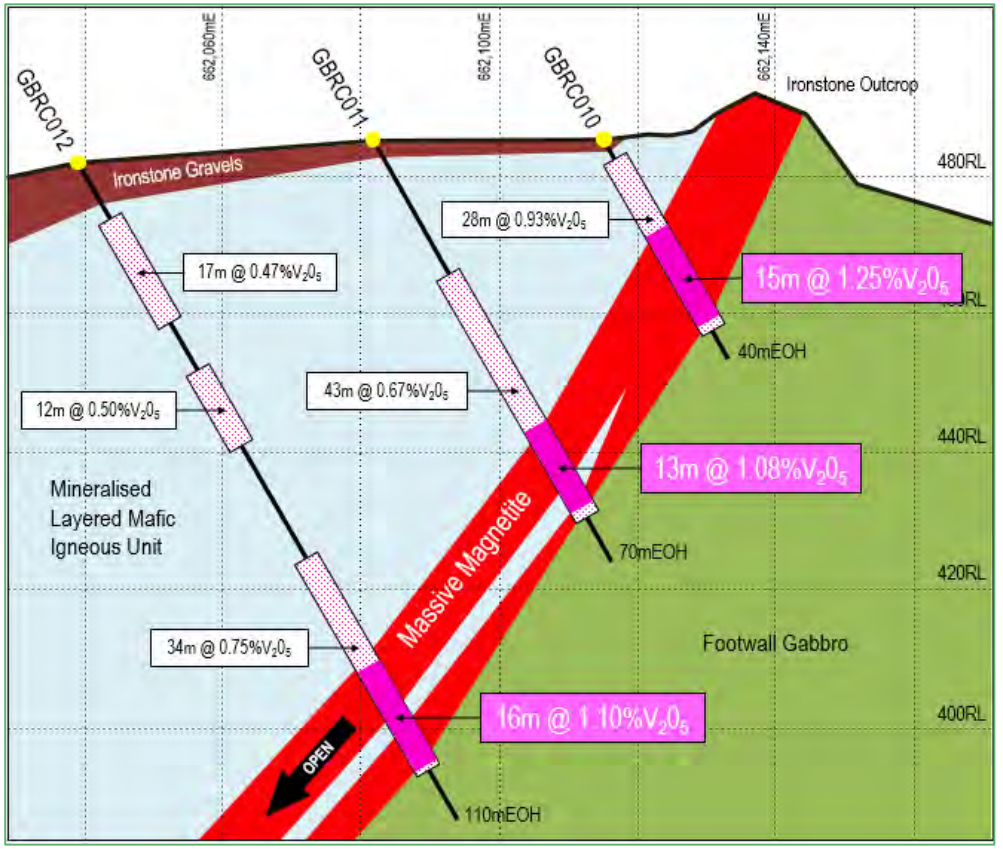
- Maiden RC drilling program completed in March 2017 with 3,128m across 36 holes.
- Drilling intersected the massive magnetite zone (host of high-grade vanadium mineralisation) on each of the eleven (11) east-west traverses completed.
- Widths of the massive magnetite zone were consistent with historical drilling, with apparent thickening in the northern portion of the target zone.
- Assay results received for the first 12 holes completed on the four (4) southern traverses – 7600N to 8800N.



Gabanintha Project

- All of the first 12 holes intersected broad zones of high grade (+1.0% V2O5) vanadium mineralisation associated with the massive magnetite zone, including:
  - 18m at 1.09% V2O5 from 58m in GBRC002
  - 15m at 1.25% V2O5 from 17m in GBRC010
- High grade mineralisation in the massive magnetite zone compares very favourably with other high grade deposits globally
- Broad medium grade vanadium mineralisation consistently overlies the high grade zones, returning combined intersections such as:
  - 71m at 0.7% V2O5 from 5m in GBRC002
- The zones of medium grade mineralisation are expected to have a materially positive impact on the economics of any potential development



Note: Refer TMT ASX announcement dated 3 April 2017 for full details of initial drilling data.

March 2017 RC Drilling

High Grade Intersections

ASSSAY RESULTS		Hole Depth
GBRC001	15m at 1.18% V_2O_5 from 15m	40m
GBRC002	18m at 1.09% V_2O_5 from 58m	88m
GBRC003	12m at 1.12% V_2O_5 from 95m	154m
GBRC004	16m at 1.00% V_2O_5 from 79m	100m
GBRC005	14m at 1.19% V_2O_5 from 47m	76m
GBRC006	14m at 1.03% V_2O_5 from 113m	136m
GBRC007	11m at 1.14% V_2O_5 from 22m	46m
GBRC008	7m at 1.06% V_2O_5 from 49m	68m
GBRC009	12m at 1.15% V_2O_5 from 91m	118m
GBRC010	15m at 1.25% V_2O_5 from 17m	40m
GBRC011	13m at 1.08% V_2O_5 from 46m	70m
GBRC012	16m at 1.10% V_2O_5 from 84m	110m

Note: High grade intervals have been defined using a 0.9% V_2O_5 lower cut-off grade, length weighted average grades and including no more than 2m of consecutive lower / medium grade mineralisation.

Program of Work

- **Assay results for the remaining 24 holes from the maiden RC drilling program expected over the coming weeks.**
- Resource estimation work to commence on receipt of all assay results – expected to deliver a maiden inferred resource
- Preliminary metallurgical testwork to be completed in parallel with the resource estimation work
- This work will guide planning for future drilling campaigns; likely to involve resource infill and extensional drilling plus collection of samples for further metallurgical testwork
- Commence discussions with potential vanadium offtake / project development partners

Summary

Experienced Board / Management team focused on delivering shareholder returns.

Minimal resource / technical risk with current (plus past) drilling confirming presence of shallow, broad high grade mineralised zones on strike from defined resource.

Well placed to feed the expected demand generated from the emerging energy storage (battery) sector.

Stable, well resourced Western World mining environment to support project development.

Team in place to identify and evaluate opportunities in a wide range of technology metals including vanadium, lithium, graphite and cobalt.

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