

#### **ASX Announcement**

31 July 2017

ACN: 612 531 389

T: 08 6489 1600

F: 08 6489 1601

E: investors@tmtlimited.com.au

Suite 9, 330 Churchill Avenue,

Subjaco WA 6008

www.tmtlimited.com.au

#### **Directors**

Michael Fry:

Chairman

Ian Prentice:

**Executive Director** 

Sonu Cheema:

**Director and Company Secretary** 

#### **Issued Capital**

21,300,001 ("TMT") Fully Paid Ordinary Shares

13,800,000 Fully Paid Ordinary Shares classified as restricted securities

15,000,000 Unquoted Options exercisable at \$0.25 on or before 31 December 2019 classified as restricted securities

10,000,000 Class B Performance Shares classified as restricted securities

**ASX Code: TMT** 

FRA Code: TN6

## QUARTERLY ACTIVITIES REPORT & APPENDIX 5B

#### FOR THE QUARTER ENDING 30 JUNE 2017

The Board of Technology Metals Australia Limited (ASX:TMT) ("Technology Metals" or the "Company") is pleased to provide an update on the Company's activities for the quarter ending 30 June 2017.

#### HIGHLIGHTS

Maiden inferred resource of 62.8Mt at 0.8% V2O5 including a high grade component of 29.5Mt at 1.1% V2O5 estimated for the Northern Block of tenements.

This estimate, based on the initial 36 hole wide spaced RC drilling program, established the Gabanintha Vanadium Project as a world class vanadium deposit with the third highest grade.

Program of preliminary metallurgical testwork underway on four representative composite samples from the initial RC drilling program.

Drilling program designed to infill and extend the resource in the Northern Block and initial testing of the Southern Tenement commenced post the end of the quarter.

Tightening supplies of vanadium are resulting in a global shortage, with reported prices for V2O5 and ferro vanadium increasing dramatically over the past few weeks.

As at the end of June 2017 the Company had cash of \$2.9 million and as at 27 July 2017 the top 20 shareholders held 54% of the fully paid ordinary shares.

**Chairman, Michael Fry commented**: "Delivery of a large high grade maiden inferred resource at our Gabanintha Project that exceeded our expectations within 6 months of listing on the ASX is a highly commendable achievement. We are maintaining a high level of activity at the project with the aim of updating the resource and commencing a scoping / prefeasibility study by the end of the calendar year".

#### **SUMMARY**

During the June 2017 Quarter, the Company achieved significant advancement at the Gabanintha Vanadium Project ("**Project**"). The results from the wide spaced 36-hole, 3,128m, maiden Reverse Circulation ("**RC**") drilling program ("**Program**"), completed in March 2017, were reported in April 2017<sup>1</sup>. Exceptional widths and grades of vanadium ("**V**<sub>2</sub>**O**<sub>5</sub>") mineralisation were returned from the Program.

The data from the Program was used by independent geological consultants CSA Global to generate a maiden inferred resource ("**Resource**") estimate, reported in accordance with the JORC Code 2012, for the Northern Block of tenements at the Project<sup>2</sup>. The resource estimate comfortably exceeded the Company's initial expectations confirming the position of the Project as one of the highest grade vanadium projects in the world.

#### **OUTSTANDING MAIDEN INFERRED RESOURCE ESTIMATE**

A maiden inferred resource ("**Resource**") estimate, reported in accordance with the JORC Code 2012, was completed by independent geological consultants CSA Global based on data from the Company's 36 hole RC drilling program completed on the Northern Block of tenements at the Project (see Figure 1). The overall resource estimate contains 62.8Mt at 0.8%  $V_2O_5$  and 9.7%  $TiO_2$  including an outstanding high grade component of 29.5Mt at 1.1%  $V_2O_5$  and 12.6%  $TiO_2$  within the highly continuous and consistently mineralised massive magnetite basal zone within the mineralised layered mafic igneous unit.

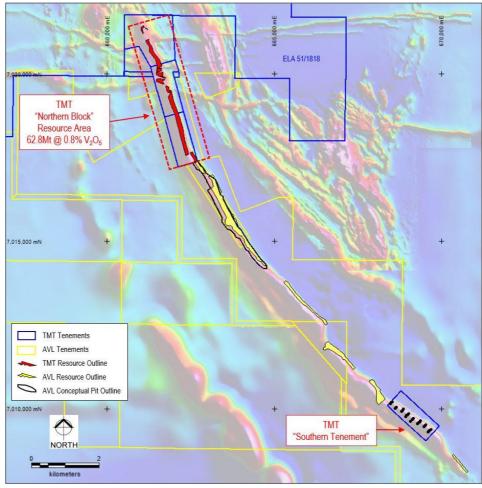


Figure 1: TMT Gabanintha Vanadium Project Mineral Resource Layout

<sup>1 –</sup> Technology Metals Australia – ASX Announcement dated 18 April 2017, Exceptional Widths and V2O5 Grades from Maiden Drilling at Gabanintha. Ian Prentice. 2 – Technology Metals Australia – ASX Announcement dated 13 June 2017. Maiden Inferred Resource Defined at Gabanintha Including High Grade Component of 29.5Mt at 1.1% V2O5. Ian Prentice.

The modelled mineralisation at the Project has been defined based on surface mapping, magnetic modelling and the RC drilling data. The high grade basal massive magnetite zone was constrained geologically and by using a nominal  $0.9\%~V_2O_5$  lower cut off grade, while the hanging wall disseminated zones were constrained using a nominal  $0.4\%~V_2O_5$  lower cut off grade. The inferred resource was estimated using inverse distance squared and was quoted for mineralisation within the defined zones above a  $0.4\%~V_2O_5$  lower cut off grade.

Table 1 Mineral Resource estimate for Technology Metals Gabanintha Vanadium Project as at 12 Jun 2017

Mineral Resource	Mineral Resource estimate for Technology Metals Gabanintha Vanadium Project as at 12 Jun 2017								
Mineralised Zone	Classification	Million Tonnes	V2O5 %	Fe %	Al2O3 %	SiO2 %	TiO2 %	LOI %	Density t/m3
Basal massive magnetite	Inferred	29.5	1.1	46.4	6.1	8.2	12.6	1	3.6
Hanging wall disseminated	Inferred	33.2	0.5	26.6	14.9	27.1	7.2	5.1	2.4
Combined Total	Inferred	62.8	0.8	35.9	10.8	18.3	9.7	3.2	2.8

<sup>\*</sup> Note: The Mineral Resource was estimated within constraining wireframe solids using a nominal 0.9% V2O5 lower cut off for the basal massive magnetite zone and using a nominal 0.4% V2O5 lower cut off for the hanging wall disseminated mineralisation zones. The Mineral Resource is quoted from all classified blocks within these wireframe solids above a lower cut-off grade of 0.4% V2O5. Differences may occur due to rounding.

The basal massive magnetite zone dips to the west at an average of 55°, has a true thickness ranging from 10 to 20 metres and has been modelled over a strike length of about 4.3km. The central and northern portions of this zone have been intersected and variably displaced by dolerite dykes, faults and quartz porphyry units (see Figure 2). Infill drilling will aid in enhanced interpretation of these portions.

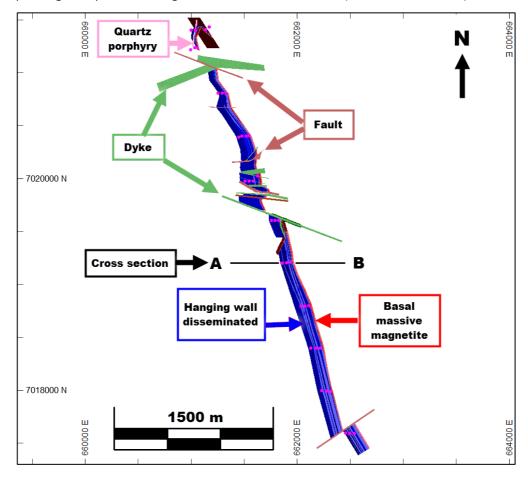


Figure 2: Plan View of the Modelled Mineralisation

The hanging wall disseminated mineralisation consists of up to five separate layers with a cumulative thickness of up to 45m in the south, reducing to about 25m across three layers in the centre of the deposit and one layer of about 8m true thickness in the north.

The schematic cross section in Figure 3 shows the high grade basal massive magnetite zone (red) overlain by a series of medium grade hanging wall disseminated lodes (blue). The geometry of the lodes may result in any open pit development of the basal massive magnetite zone incorporating the medium grade hanging wall disseminated lodes, thereby potentially resulting in an overall lower strip ratio. The lower strip ratio may be expected to have a potentially material positive impact on project economics, meaning that more of the high grade basal massive magnetite could be accessible in an open pit development.

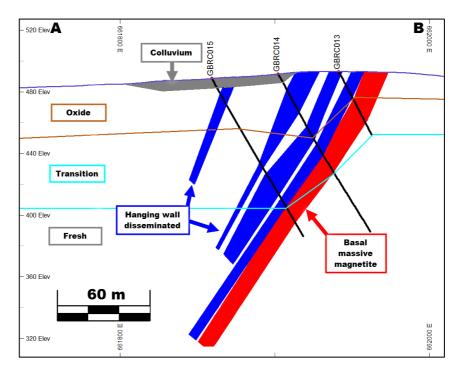


Figure 3: Schematic Cross Section Across Southern Portion of the Deposit

#### **GRADE IS KEY**

The grade of the maiden inferred resource, particularly the high grade component of 29.5 Mt at  $1.1 \% \text{ V}_2 \text{O}_5$  establishes the Gabanintha Vanadium Project as a world class vanadium deposit with one of the highest grades in the World. The chart in Figure 4 shows the tonnage and grade of a range of layered mafic igneous unit hosted deposits and highlights the extremely advantageous position of the Company's high grade resource ("TMT HG").



Figure 4: Global Vanadium Deposits – Tonnage – Grade Chart

<sup>3 –</sup> Market capitalisation of listed entities as at 28 July 2017. Bushveld Minerals and Neometals hold other significant resource assets. Atlantic Limited no longer listed.

#### **METALLURGICAL TESTWORK**

The Company has engaged Mineral Engineering Technical Services Pty Ltd ("METS") as its metallurgical consultant tasked with planning, managing and reporting on the preliminary round of metallurgical testwork based on composite samples from the original RC drilling program. METS has wide ranging experience working on vanadium projects throughout the world, including work on the Barrambie, Mount Peake and Windimurra projects.

METS has designed a testwork program based on four composites of RC samples from varying mineralised sections of the resource; two oxide composites, one transitional and one fresh. This preliminary testwork has been designed to test the viability of producing a magnetic concentrate from each of the composites and provide data on the standard magnetic separation processing routes for this type of material. Initial testwork will be based on Davis Tube Recovery ("DTR") and Davis Tube Wash tests ("DTW"). The DTW tests will be undertaken on a variety of grind sizes to determine the impact of grind size on grade and recovery to a concentrate. Grade and recovery to a concentrate will also be measured at a range of magnetic field intensities. Composite samples will then be subjected to a low intensity magnetic separator ("LIMS") to confirm the findings of the DTR and DTW testwork under conditions that are representative of those that would occur in a processing plant.

The testwork program is underway with the Company expecting to receive preliminary results in the coming weeks.

#### PROJECT MILESTONES AND WORK PROGRAM

Drilling designed to infill and extend the Resource on the Northern Block of tenements at the Project and complete initial drill testing of the Southern Tenement commenced on 19 July 2017. The program is expected to consist of up to 8,000m of RC drilling and 1,200m of diamond drilling.

The Company has designed the resource infill and extensional drilling in the Northern Block of tenements in consultation with its independent geological consultants, CSA Global, to enhance the confidence level / category of the maiden Inferred Resource as well as increase the overall resource estimate in this portion of the Project. RC drilling will range in down hole depth from 40m to 190m with line spacing infilled from the current 400m to between 200m and 100m. Mineralisation in the Northern Block of tenements remains open at depth and potentially along strike in the north, providing significant opportunity to extend and add to the Resource. This infill and extensional drilling in the Northern Block of tenements has scope to expand the thick high grade resource in the northern zone as well as enhance confidence in the continuity of the medium grade lodes up dip from the massive magnetite basal zone.

Initial RC drilling on the Southern Tenement (see Figures 5) will target approximately 1.5km of strike of outcropping ironstone interpreted to represent the same massive magnetite zone within the layered mafic igneous unit intersected in the Northern Block of tenements. The historic drilling on this tenement by Intermin Resources NL ("Intermin") and Australian Vanadium Limited ("AVL") has intersected the layered mafic igneous unit down dip of the outcropping ironstone. There is no assay data available for the AVL drilling, however the Intermin drilling $^4$  has returned up to 25m at 1.08%  $V_2O_5$  within the layered mafic igneous unit.

Hole depths for this drilling will range from 40m up to 160m with line spacing down to approximately 200m. The Company believes that given the geological similarities between the Southern Tenement and the Northern Block of tenements and the results of previous drilling confirming the presence of broad zones of high grade vanadium mineralisation within the layered mafic igneous unit there is scope that data from this drilling may be able to deliver an initial resource estimate for this tenement.

<sup>4 –</sup> Technology Metals Australia – ASX Announcement dated 21 December 2016, Drilling to Commence on Gabanintha Vanadium Project in First Quarter of 2017. Ian Prentice.

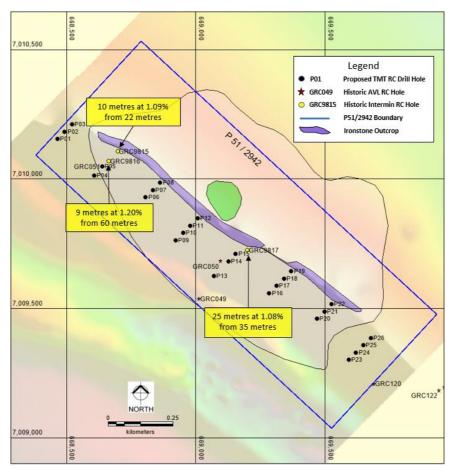


Figure 5: Southern Tenement Proposed Drilling

A diamond drilling program, expected to consist of up to 14 holes for 1,200m within the Northern Block of tenements, is expected to commence in August 2017. This drilling has been designed to provide representative samples within the Resource for detailed metallurgical testwork as well as provide detailed geological data relating to the various mineralised lodes and surrounding host rocks.

The combined drilling program is expected to extend over a period of two to three months with samples analysed in batches at an independent certified commercial laboratory to provide detailed assay data. The Company will collate and interpret the assay and geological data as it is received and will endeavour to release this information to the market on completion of various stages of the program.

#### **ABOUT VANADIUM**

Vanadium is a hard, silvery grey, ductile and malleable speciality metal with a resistance to corrosion, good structural strength and stability against alkalis, acids and salt water. The elemental metal is rarely found in nature. The main use of vanadium is in the steel industry where it is primarily used in metal alloys such as rebar and structural steel, high speed tools, titanium alloys and aircraft. The addition of a small amount of vanadium can increase steel strength by up to 100% and reduces weight by up to 30%. Vanadium high-carbon steel alloys contain in the order of 0.15 to 0.25% vanadium while high-speed tool steels, used in surgical instruments and speciality tools, contain in the range of 1 to 5% vanadium content. Global economic growth and increased intensity of use of vanadium in steel in developing countries will drive near term growth in vanadium demand.

An emerging and likely very significant use for vanadium is the rapidly developing energy storage (battery) sector with the expanding use and increasing penetration of the vanadium redox batteries ("VRB's"). VRB's are a rechargeable flow battery that uses vanadium in different oxidation states to store energy, using the unique ability of vanadium to exist in solution in four different oxidation states. VRB's provide an efficient storage and re-supply solution for renewable energy – being able to time-shift large amounts of previously

generated energy for later use – ideally suited to micro-grid to large scale energy storage solutions (grid stabilisation). Some of the unique advantages of VRB's are:

- a lifespan of 20 years with very high cycle life (up to 20,000 cycles) and no capacity loss,
- rapid recharge and discharge,
- easily scalable into large MW applications,
- excellent long term charge retention,
- improved safety (non-flammable) compared to Li-ion batteries, and
- can discharge to 100% with no damage.

Global economic growth and increased intensity of use of vanadium in steel in developing countries will drive near term growth in vanadium demand.

The global vanadium market has been operating in a deficit position for the past five years (source: TTP Squared Inc), with a forecast deficit of 9,700 tonnes in 2017. As a result vanadium inventories have been in steady decline since 2010 and they are forecast to be fully depleted in 2017 (source: TTP Squared Inc). Significant production declines in China and Russia have exacerbated this situation, with further short term production curtailment expected in China as a result of potential mine closures resulting from impending environmental inspections.

The tightening supplies of vanadium are resulting in a global shortage, with prices appreciating dramatically in recent months (see Figure 7). The attached 12 month price chart shows  $V_2O_5$  prices at US\$6.30/lb as at 21 July 2017, a doubling of the price over the past 12 months. Reports out of China this week have indicated further significant increases in the "spot" market, with trades completed at US\$8.30/lb  $V_2O_5$  a +30% increase over the course of the week.

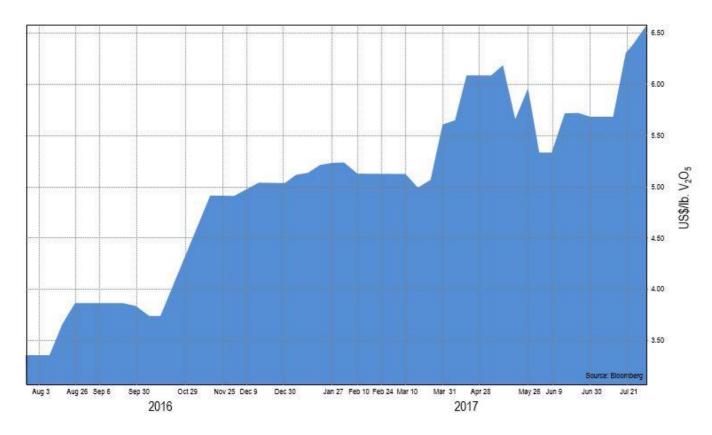


Figure 6: Vanadium Pentoxide (98%) US\$/lb 12 Month Price Chart (source: Bloomberg)

#### **TENEMENT STATUS**

During the June 2017 quarter the Company applied for, and was granted, extension of terms for E51/1510 and P51/2785. E51/1510 has been extended for a further 5 years, to 1 July 2022, and P51/2785 has been extended for a further four years, to 7 May 2021.

There have been no other changes in the Company's tenement position.

Table 2: Tenement Status as at 30 June 2017

LOCATION	TENEMENT	INTEREST ACQUIRED OR DISPOSED OF DURING THE QUARTER	ECONOMIC INTEREST
Gabanintha Project (WA)	E51/1510-l	Nil	100%
Gabanintha Project (WA)	P51/2785-I	Nil	100%
Gabanintha Project (WA)	P51/2942	Nil	100%
Gabanintha Project (WA)	P51/2943	Nil	100%
Gabanintha Project (WA)	P51/2944	Nil	100%
Gabanintha Project (WA)	ELA51/1818	100% - Application	100%

#### CORPORATE

The delivery of the outstanding maiden inferred resource during the June quarter has triggered the performance hurdle for the Class A Performance Shares. These performance shares were converted in to 10 million fully paid ordinary shares and 10 million Class B Performance Shares. All of the newly issued securities are restricted until 21 December 2018.

The Class B Performance Shares convert in to 10 million fully paid ordinary shares on achievement of an indicated resource of 20 Million tonnes at greater than  $0.8\% \ V_2O_5$  on or before 31 December 2019. Any fully paid ordinary shares issued on conversion of the Class B Performance Shares are subject to restriction until 21 December 2018.

As at 27 July 2017 the Top 20 shareholders held 54% of the fully paid ordinary shares and the Company had cash of \$2.9 million.

Subsequent to the end of the quarter the Company entered in to a mandate with PAC Partners Pty Limited ("PAC Partners") to provide research and equity capital markets services on normal commercial terms<sup>5</sup> to help to build investor awareness and in turn market support for the Company within the Australian and Asian institutional and high net worth investor community. A key focus of the mandate with PAC Partners is the introduction of the Company to potential cornerstone investors, end users and/or offtake partners.

PAC Partners is a leading provider of institutional equities research and equity capital markets services, with a focus on emerging companies. PAC Partners have raised more than \$200 million in new equity capital for a broad range of companies over the past year, including \$4m for the Technology Metals IPO. The PAC Partners team assigned to the mandate includes experienced analysts, sales and consultants based in Australia and Asia.

Subject to shareholder approval, under the mandate the Company will issue 3.0 million options exercisable at \$0.35 expiring on 31 July 2020 to internal and external advisors associated with PAC Partners. In addition, PAC Partners will be issued 1.0 million options exercisable at \$0.35 expiring on 31 July 2020 for achieving a 30 day VWAP above \$0.40 on or prior to December 31 2017.

5 – The material commercial terms of the PAC Partners mandate are:

- A monthly retainer of \$6,000 (plus GST)
- First right of refusal for equity capital raisings with a fee of 6.0% (plus GST if applicable) of the gross proceeds of the raising
- An initial term of 12 months

For, and on behalf of, the Board of the Company,

Ian Prentice
Executive Director
Technology Metals Australia Limited

Jane Morgan

Investor & Media Relations jm@janemorganmanagement.com.au + 61 (0) 405 555 618

- ENDS -

#### About Technology Metals Australia Limited

**Technology Metals Australia Limited (ASX: TMT)** was incorporated on 20 May 2016 for the primary purpose of identifying exploration projects in Australia and overseas with the aim of discovering commercially significant mineral deposits. The Company's primary exploration focus is on the Gabanintha Vanadium Project located 40km south east of Meekatharra in the mid-west region of Western Australia with the aim to develop this project to potentially supply high-quality V2O5 flake product to both the steel market and the emerging vanadium redox battery (VRB) market.

The Project, which consists of five granted tenements and one exploration licence application, is on strike from, and covers the same geological sequence as, Australian Vanadium Limited's (ASX: AVL) Gabanintha Vanadium project. Vanadium mineralisation is hosted by a north west – south east trending layered mafic igneous unit with a distinct magnetic signature. Mineralisation at Gabanintha is similar to the Windimurra Vanadium Deposit, located 270km to the south, and the Barambie Vanadium-Titanium Deposit, located 155km to the south east. The key difference between Gabanintha and these deposits is the consistent presence of the high grade massive vanadium – titanium – magnetite basal unit, which is expected to result in an overall higher grade for the Gabanintha Vanadium Project

The Company will also review the potential for economic mineralisation of various other commodities at Gabanintha and intends to seek, evaluate, review and if appropriate acquire interests in additional resource based projects with a focus on technology and precious metals.

Capital Structure	
Tradeable Fully Paid Ordinary Shares	21.3m
Escrowed Fully paid Ordinary Shares <sup>1</sup>	13.8m
Fully Paid Ordinary Shares on Issue	35.1m
Unquoted Options <sup>2</sup> (\$0.25 – 31/12/19 expiry)	15.0m
Class B Performance Shares <sup>3</sup>	10.0m

<sup>1 – 1.3</sup> million fully paid ordinary shares will be tradeable from 21 September 2017 and 2.5 million fully paid ordinary shares will be tradeable from 21 December 2018.

<sup>2 – 1.3</sup> million unquoted options are subject to restriction until 21 September 2017 and 13.7 million unquoted options are subject to restriction until 21 December 2018.

<sup>3</sup> - Convert in to 10 million fully paid ordinary shares on achievement of an indicated resource of 20 Million tonnes at greater than 0.8%  $V_2O_5$  on or before 31 December 2019. All Performance Shares and any fully paid ordinary shares issued on conversion of the Performance Shares are subject to restriction until 21 December 2018.

#### **Forward-Looking Statements**

This document includes forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning Technology Metal Australia Limited's planned exploration programs, corporate activities and any, and all, statements that are not historical facts. When used in this document, words such as "could," "plan," "estimate," "expect," "intend," "may", "potential," "should" and similar expressions are forward-looking statements. Technology Metal Australia Limited believes that its forward-looking statements are reasonable; however, forward-looking statements involve risks and uncertainties and no assurance can be given that actual future results will be consistent with these forward-looking statements. All figures presented in this document are unaudited and this document does not contain any forecasts of profitability or loss.

#### **Competent Persons Statement**

The information in this report that relates to 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 report 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 report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to Mineral Resources are based on information compiled by Mr Galen White. Mr White is a Principal Consultant with CSA Global and a Fellow of the Australian Institute of Mining and Metallurgy. Mr White has sufficient experience relevant to the styles of mineralisation and types of deposits which are covered in this report 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 White consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to the Processing and Metallurgy for the Gabanintha project is based on and fairly represents, information and supporting documentation compiled by Damian Connelly who is a Fellow of The Australasian Institute of Mining and Metallurgy and a full time employee of METS. Damian Connelly has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which 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'. Damian Connelly consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

#### APPENDIX 1

JORC Code, 2012 Edition – Table 1

## 1.1 Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation Commentary	
Sampling techniques	<ul> <li>Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.</li> </ul>	one, with sample from every metre analysis based on heralised intervals submitted for agging and hand-
Drilling techniques	<ul> <li>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</li> </ul>	g hammer
Drill sample recovery	<ul> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> <li>Duplicate 2 – 3kg samples were collected for sample.</li> <li>Sample recovery was assessed based on the sample collected for each metre. Each weighed. For 1 in 3 holes a spring gauge we the cone split remained within the 2 to 3 Kg in the cone split remained within the 2 to 3 Kg in recovery and grade in this "massive" mineror.</li> </ul>	e estimated bulk n bag was not as used to ensure ange. onship between
Logging	<ul> <li>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> <li>Drill samples were logged in the field, with the holes logged in detail.</li> <li>Drill chips for every metre were collected photographed.</li> <li>No geotechnical logging was undertaken being RC, thus a sample medium amenal geotechnical data.</li> </ul>	ed in trays and due to all drilling

Criteria	JORC Code explanation	Commentary
Sub-sampling techniques and sample preparation	<ul> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul> <li>Duplicate 2 – 3kg samples were collected from every metre sample.</li> <li>Samples were cone split at the drill rig, and represent approximately 5% of the total material for each metre sampled.</li> <li>The majority of samples were dry.</li> <li>Samples were dried and pulverised in the laboratory and fused with a lithium borate flux and cast in to disks for analysis.</li> <li>Field duplicates were submitted such that there were at least 1 duplicate sample for every 20 samples analysed.</li> </ul>
Quality of assay data and laboratory tests	<ul> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</li> <li>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</li> </ul>	<ul> <li>borate flux and cast in to disks and analysed by XRF spectrometry – method FB1/XRF77.</li> <li>Field duplicates (at least 1 duplicate sample for every 20 samples analysed), laboratory check samples and standards are considered to be suitable quality control procedures.</li> </ul>
Verification of sampling and assaying	<ul> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>	defined from geological logging. All sampling was completed by an independent geologist.
Location of data points	<ul> <li>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	

Criteria	JORC Code explanation	Commentary
Data spacing and distribution	<ul> <li>Data spacing for reporting of Exploration Results.</li> <li>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</li> <li>Whether sample compositing has been applied.</li> </ul>	
Orientation of data in relation to geological structure	<ul> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</li> </ul>	have been unlikely to have introduced a sampling bias. The drill holes are drilled orthogonal to the measured strike +-10°,
Sample security	The measures taken to ensure sample security.	<ul> <li>Samples were collected in polyweave bags, sealed securely and transported by Company personnel until handover to a commercial transport company, which delivered the samples by road transport to the laboratory.</li> </ul>
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No audits or reviews have been completed to date.

## 1.2 Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	e preceding section also apply to this section.	
Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<ul> <li>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</li> <li>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> </ul>	<ul> <li>51/2943 and 51/2944 and Exploration Licence 51/1510).</li> <li>The tenements are granted and held by The KOP Ventures Pty Ltd, a wholly owned subsidiary of Technology Metals Australia</li> </ul>
Exploration done by other parties	<ul> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	<ul> <li>Reverse circulation drilling was completed in 1998 by Intermin Resources NL under an option agreement on tenements held by Oakland Nominees Pty Ltd – consisting of GRC9801 to GRC9805 (on Prospecting Licences 51/2164) and GRC9815 to GRC9817 (on Prospecting Licence 51/2183).</li> <li>The areas drilled are located on current Prospecting Licences 51/2943 (GRC9801, GRC9802), 51/2944 (GRC9803, GRC9804, GRC9805) and 51/2942 (GRC9815 to GRC9817) held by The</li> </ul>

Criteria	JORC Code explanation	Commentary
		<ul> <li>KOP Ventures Pty Ltd, a wholly owned subsidiary of Technology Metals Australia Limited.</li> <li>Exploration prior to this drilling included geological mapping and limited rock chip sampling completed across a zone of outcropping vanadiferous titanomagnetite layered mafic igneous unit by various parties.</li> </ul>
Geology	Deposit type, geological setting and style of mineralisation.	<ul> <li>Massive vanadiferous titanomagnetite layered mafic igneous unit in outcrop.</li> </ul>
Drill hole Information	<ul> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:</li> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> <li>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</li> </ul>	<ul> <li>Mineral Resources are being disclosed. (See Section 3).</li> <li>All relevant material has previously been reported to the ASX on the following dates: 9th March 2017, 4th April 2017, 19th April 2017 and 28th April 2017</li> </ul>
Data aggregation methods	<ul> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	Mineral Resources are being disclosed. (See Section 3).
Relationship between mineralisation widths and intercept lengths	<ul> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').</li> </ul>	Mineral Resources are being disclosed. (See Section 3).
Diagrams	<ul> <li>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</li> </ul>	Table 1 applies.
Balanced reporting	<ul> <li>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be</li> </ul>	

Criteria	JORC Code explanation	Commentary
	practiced to avoid misleading reporting of Exploration Results.	Mineral Resources are being disclosed. (See Section 3).
Other substantive exploration data	<ul> <li>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</li> </ul>	the geological interpretation of the main high magnetite unit
Further work	<ul> <li>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	infill drilling to increase confidence in the geometry of mineralisation zones and to provide greater sample support.

## 1.3 Section 3 Estimation and Reporting of Mineral Resources

Criteria	in section 1, and where relevant in section 2, also apply to this section.)  JORC Code explanation	Commentary
Database integrity	<ul> <li>Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection and its use for Mineral Resource estimation purposes.</li> <li>Data validation procedures used.</li> </ul>	<ul> <li>Drilling data is stored in a DataShed database system which an industry best practise relational geological database. Data that has been entered to this data base is cross checked by independent geological contracting staff to ensure accuracy. CSA Global has been provided with a number of pdf format assay certificates from the laboratory and completed its own checks, finding that all checked assay data was correctly captured in the relevant database table.</li> <li>Data used in the Mineral Resource estimate is sourced from a database export. Relevant tables from the data base are exported to MS Excel format and converted to csv format for import into Datamine Studio RM software.</li> <li>Validation of the data import include checks for overlapping intervals, missing survey data, missing assay data, missing lithological data, and missing collars.</li> </ul>
Site visits	<ul> <li>Comment on any site visits undertaken by the Competent Person and the outcome of those visits.</li> <li>If no site visits have been undertaken indicate why this is the case.</li> </ul>	<ul> <li>No site visit has been completed by CSA Global personnel, as this was not considered necessary at this relatively early project stage. The drilling and sampling program has been completed for TMT by an independent geologist, Mr John McDougall. CSA Global has viewed</li> </ul>

photographic evidence provided by Mr McDougall of the drilling in

Criteria	JORC Code explanation	Commentary
		progress, as well a drill spoil piles and discussed the project in detail with him. The deposit is an along strike continuation of the neighbouring Australian Vanadium Limited (AVL) Gabanintha V-Ti-magnetite deposit that is well documented in the public domain, and a project that CSA Global has had prior involvement in (AVL, ASX 7 February 2011). The MRE results reported to the ASX (AVL, ASX 10 November 2015) by AVL, and the work completed by CSA Global for Technology Metals show geological and mineralisation zone interpretations having similar spatial relationships and the Mineral Resource estimate tenor being similar. The geophysical evidence in the form of total magnetic intensity (TMI) maps provided to CSA Global provide further evidence of the strike continuity of the Gabanintha deposit.
Geological interpretation	<ul> <li>Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit.</li> <li>Nature of the data used and of any assumptions made.</li> <li>The effect, if any, of alternative interpretations on Mineral Resource estimation.</li> <li>The use of geology in guiding and controlling Mineral Resource estimation.</li> <li>The factors affecting continuity both of grade and geology.</li> </ul>	<ul> <li>and sample analysis data and geophysical TMI data, the geology and mineral distribution of the basal massive V-Ti-magnetite zone appears to be consistent through the interpreted strike length of the deposit.</li> <li>Cross cutting faults and dykes, interpreted from the drill hole and</li> </ul>

Criteria	JORC Code explanation	Commentary
		<ul> <li>The extents of the modelled mineralisation zones are constrained by the available drill and geophysical data. Alternative interpretations are not expected to have a significant influence on the global Mineral Resource estimate.</li> <li>The continuity of the geology and mineralisation can be identified and traced between drill holes by visual, geophysical and geochemical characteristics. Additional data is required to more accurately model the effect of any potential structural or other influences on the modelled mineralised units, Confidence in the grade and geological continuity is reflected in the Mineral Resource classification.</li> </ul>
Dimensions	The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.  The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.	

Criteria	JORC Code explanation	Commentary
Estimation and modelling techniques	<ul> <li>The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters and maximum distance of extrapolation from data points. If a computer assisted estimation method was chosen include a description of computer software and parameters used.</li> <li>The availability of check estimates, previous estimates and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data.</li> <li>The assumptions made regarding recovery of by-products.</li> <li>Estimation of deleterious elements or other non-grade variables of economic significance (e.g. sulphur for acid mine drainage characterisation).</li> <li>In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed.</li> <li>Any assumptions behind modelling of selective mining units.</li> <li>Any assumptions about correlation between variables.</li> <li>Description of how the geological interpretation was used to control the resource estimates.</li> <li>Discussion of basis for using or not using grade cutting or capping.</li> <li>The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available.</li> </ul>	<ul> <li>The Mineral Resource estimate was completed in Datamine Studio RM software using the Inverse Distance Weighting to the power of two (IDW) estimation method. This method was selected in preference to ordinary kriging (OK) as modelled variograms were not considered reliable, due in part to relative paucity of data at the current stage of advancement of the project.</li> <li>Estimations were completed for V2O5, Fe and contaminant elements, TiO2, Al2O3, SiO2, P and S, and loss on ignition at 1000°C (LOI). Due to the mineralised zones being cut by and / or offset by faults and dykes the mineralisation interpretation consists of 12 basal magnetite and 22 hanging wall lenses. These are grouped together using a numeric zone code as the basal magnetite lenses, or for the disseminated mineralisation lenses they are grouped together based on stratigraphic position in the hanging wall above the basal magnetite. These lens groupings are then further split based on the weathering surface interpretations into oxide, transition and fresh materials. This has resulted in 12 separate estimation domains being defined with hard boundaries being used between estimation domains. Due to insufficient sample data points, the basal magnetite oxide material was combined with transitional to form one estimation domain. Similarly, for some hanging wall mineralisation domains where there was insufficient data, weathering state domains have been combined for estimation purposes.</li> <li>Statistical analysis was completed on the basal magnetite weathering domains separately, and for the hanging wall disseminated domains combined based on the weathering state. This analysis showed that while co-efficient of variation was generally low (below 0.5) for all grade variables, some outlier grades existed and in the CP's our opinion required balancing cuts to prevent estimation bias associated with outlier values. Bottom cuts were required for Fe, V2O5 and LOI and a top cut for SiO2 in the basal magnetite fresh zone. For the hanging wall zon</li></ul>

Criteria	JORC Code explanation	Commentary
Cinella	JORG CODE EXPIDITION	pass and increased 20-fold for the third search pass to ensure all block were estimated.  • A maximum of 8 samples per hole, with a minimum of 15 and a maximum of 40 samples are allowed for a block estimate in the first search pass, reducing to a maximum 30 samples for the second pass, and further reducing to a minimum of 5 and maximum 20 samples for the final pass.  • This is the first Mineral Resource estimate for this deposit (a Maiden Mineral Resource Estimate). Despite the known deficiencies in generating reliable variograms, for the purposes of generating a check estimate, nonetheless an OK estimate was run, and produced comparable results with an 0.2% difference in global V2O5 grade  • No assumptions have been made regarding by-product recovery at this early project stage.  • Potentically deleterious P and S have been estimated.  • A volume block model with parent block sizes of 100 m (N) by 10 m (E) by 10 (RL) was constructed using Datamine Studio Software. Minimum sub cells down to 5 m (N) by 1 m (E) by 1 m (RL) were allowed for domain volume resolution. Drill spacing is nominally 40m across strike on west to east sections spaced 400 m apart north to south.  • No assumptions have been made regarding selective mining units at this early stage of the project.  • A strong positive correlation exists between Fe and V2O5 and TiO2 and a strong negative correlation exists between Fe and Al2O3, SiO2 and LOI.  • The separate interpreted mineralisation zones domained based on the geological, geochemical and geophysical data, and further domained by weathering state have been separately estimated using hard boundaries between domains. The model is depleted by fault zones, intrusive dykes, cross cutting quartz porphyries and sufficial colluvium zones that have been interpreted based on the geological, geochemical and geophysical data.  • Block model validation has been completed by statistical comparison of drill sample grades with the IDW and OK check estimate results for each estimation zone. Visual validation o
		and model grades for northings, eastings and elevation were completed. These checks show reasonable comparison between estimated block grades and drill sample grades with an increase in block model grade compared to the drill sample data for V2O5 of <1% in the basal magnetite, and a decrease of <2% for block grades compared to drill sample data in the disseminated mineralisation.  • With no mining having taken place there is no reconciliation data

Criteria	J	ORC Code explanation	С	ommentary
				available to test the model against.
Moisture	•	Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.	•	Tonnages have been estimated on a dry, in situ basis.
Cut-off parameters	•	The basis of the adopted cut-off grade(s) or quality parameters applied.	•	The adopted lower interpretation cut-off grade of 0.9% V2O5 for the basal mineralisation and 0.4% V2O5 for the hanging wall interpretation, and a reporting cut-off of 0.4% V2O5 for the model as a whole is considered to be a reasonable threshold to inform reasonable chances of eventual economic extraction, the resulting average V2O55 model grades are comparable with the adjacent deposit (AVL) for which more advanced technical works in consideration of preliminary metallurgical and recovery works have been completed (AVL ASX Announcement 07 December 2015).  Consideration of the interpreted mineralisation zone as a continuation to that of the adjacent project, for which a current Mineral Resource has been publicly reported and for which some metallurgical study work has been completed on material considered similar, is considered to represent validity of reasonable justification for potential economic viability. The results from the adjacent project whilst not definitive, would indicate that the interpreted mineralisation zones have reasonable prospects for eventual economic extraction.
Mining factors or assumptions	•	Assumptions made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential mining methods, but the assumptions made regarding mining methods and parameters when estimating Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the mining assumptions made.	•	It has been assumed that these deposits will be amenable to open cut mining methods and are economic to exploit to the depths currently modelled using the cut-off grade applied. No assumptions regarding minimum mining widths and dilution have been made.
Metallurgical factors or assumptions	•	The basis for assumptions or predictions regarding metallurgical amenability. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential metallurgical methods, but the assumptions regarding metallurgical treatment processes and parameters made when reporting Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the metallurgical assumptions made.	•	Metallurgical amenability has been assumed based on a review of publicly reported metallurgical results from material gathered BY AVL from the adjacent project (AVL, ASX Announcement 07 December 2015) which is considered to be similar in geological and mineralogical character. Whilst no metallurgical test work has been completed on TMT samples by the company, the availability of testwork conclusions from the adjacent project, in the public domain, is considered to provide support for a reasonable assumption of metallurgical amenability.
Environmental factors or assumptions	•	Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental impacts of the mining and	•	No work has been completed by the company regarding waste disposal options. It is assumed that such disposal will not present a significant barrier to exploitation of the deposit and that any disposal and potential environmental impacts would be correctly managed as

Criteria	JORC Code explanation	Commentary
	processing operation. While at this stage the determination of potential environmental impacts, particularly for a greenfields project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made.	
Bulk density	<ul> <li>Whether assumed or determined. If assumed, the basis for the assumptions. If determined, the method used, whether wet or dry, the frequency of the measurements, the nature, size and representativeness of the samples.</li> <li>The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc), moisture and differences between rock and alteration zones within the deposit.</li> <li>Discuss assumptions for bulk density estimates used in the evaluation process of the different materials.</li> </ul>	density values have been assumed based on research into publicly available Mineral Resource Estimation disclosure of the neighbouring tenement holder AVL (ASX Announcement 10 November 2015) which is based on sample data considered to be geologically and mineralogically similar. The CP considers that the assumption of bulk density based on data from a neighbouring project, of similar character,
Classification	<ul> <li>The basis for the classification of the Mineral Resources into varying confidence categories.</li> <li>Whether appropriate account has been taken of all relevant factors (i.e. relative confidence in tonnage/grade estimations, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data).</li> <li>Whether the result appropriately reflects the Competent Person's view of the deposit.</li> </ul>	<ul> <li>account the level of geological understanding of the deposit, quantity, quality and reliability of sampling data and assumptions of continuity based on drill hole spacing.</li> <li>The Mineral Resource estimate has been classified in accordance with the JORC Code, 2012 Edition using a qualitative approach. All factors</li> </ul>
Audits or reviews	The results of any audits or reviews of Mineral Resource estimates.	<ul> <li>Internal audits and peer review were completed by CSA Global which verified and considered the technical inputs, methodology, parameters and results of the estimate. No external audits have been undertaken.</li> </ul>
Discussion of relative accuracy/confidence	<ul> <li>Where appropriate a statement of the relative accuracy and confidence level in the Mineral Resource estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the resource within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors that could affect the relative accuracy and confidence of the estimate.</li> </ul>	<ul> <li>the reporting of the Mineral Resource as per the guidelines of the 2012 JORC Code.</li> <li>The Mineral Resource statement relates to global estimates of in situ tonnes and grade.</li> </ul>

Criteria	JORC Code explanation	Commentary
	<ul> <li>The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.</li> <li>These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.</li> </ul>	

+Rule 5.5

## Appendix 5B

# Mining exploration entity and oil and gas exploration entity monthly report

Introduced 01/07/96 Origin Appendix 8 Amended 01/07/97, 01/07/98, 30/09/01, 01/06/10, 17/12/10, 01/05/13, 01/09/16

#### Name of entity

Technology Metals Australia Limited

ACN

Quarter ended ("current quarter")

612 531 389

30 June 2017

Consolidated statement of cash flows		Current Quarter (Jun 2017) \$A'000	Year to date (9 months) \$A'000
1.	Cash flows from operating activities		
1.1	Receipts from customers	-	-
1.2	Payments for:		
	(a) exploration & evaluation	(336)	(498)
	(b) development	-	-
	(c) production	-	-
	(d) staff costs	(30)	(83)
	(e) administration and corporate costs	(144)	(420)
1.3	Dividends received (see note 3)	-	-
1.4	Interest received	19	33
1.5	Interest and other costs of finance paid	-	-
1.6	Income taxes paid	-	-
1.7	Research and development refunds	-	-
1.8	Other (GST Refund received during period)	45	103
1.9	Net cash from / (used in) operating activities	(446)	(865)

2.	Cash flows from investing activities
2.1	Payments to acquire:
	(a) property, plant and equipment
	(b) tenements (see item 10)
	(c) investments
	(d) other non-current assets

<sup>+</sup> See chapter 19 for defined terms

1 September 2016

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Con	solidated statement of cash flows	Current Quarter (Jun 2017) \$A'000	Year to date (9 months) \$A'000
2.2	Proceeds from the disposal of:		
	(a) property, plant and equipment	-	-
	(b) tenements (see item 10)	-	-
	(c) investments	-	-
	(d) other non-current assets	-	-
2.3	Cash flows from loans to other entities	-	-
2.4	Dividends received (see note 3)	-	-
2.5	Other (provide details if material)	-	-
2.6	Net cash from / (used in) investing activities	-	-

3.	Cash flows from financing activities		
3.1	Proceeds from issues of shares	-	4,000
3.2	Proceeds from issue of convertible notes	-	-
3.3	Proceeds from exercise of share options	-	-
3.4	Transaction costs related to issues of shares, convertible notes or options	-	(330)
3.5	Proceeds from borrowings	-	-
3.6	Repayment of borrowings	-	-
3.7	Transaction costs related to loans and borrowings	-	-
3.8	Dividends paid	-	-
3.9	Other (provide details if material)	-	-
3.10	Net cash from / (used in) financing activities	-	3,670

4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	3.328	77
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(447)	(865)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	-	-
4.4	Net cash from / (used in) financing activities (item 3.10 above)	-	3,670
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	Cash and cash equivalents at end of period	2,882	2,882

<sup>+</sup> See chapter 19 for defined terms 1 September 2016

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5.	Reconciliation of cash and cash equivalents at the end of the month (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current Quarter \$A'000	Previous Quarter \$A'000
5.1	Bank balances	372	828
5.2	Call deposits	2,500	2,500
5.3	Bank overdrafts	-	-
5.4	Other (provide details)	-	-
5.5	Cash and cash equivalents at end of quarter (should equal item 4.6 above)	2,882	3,328

6.	Payments to directors of the entity and their associates	Current quarter \$A'000
6.1	Aggregate amount of payments to these parties included in item 1.2	(56)
6.2	Aggregate amount of cash flow from loans to these parties included in item 2.3	-

6.3 Include below any explanation necessary to understand the transactions included in items 6.1 and 6.2

Payment of director's fees.

7.	Payments to related entities of the entity and their associates	Current quarter \$A'000
7.1	Aggregate amount of payments to these parties included in item 1.2	-
7.2	Aggregate amount of cash flow from loans to these parties included in item 2.3	-
7.3	Include below any explanation necessary to understand the transactions included in items 7.1 and 7.2	

8.	Financing facilities available Add notes as necessary for an understanding of the position	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
8.1	Loan facilities	-	-
8.2	Credit standby arrangements	-	-
8.3	Other (please specify)	-	-
8.4	Include helow a description of each facil	ity above including the lender	interest rate and

8.4 Include below a description of each facility above, including the lender, interest rate and whether it is secured or unsecured. If any additional facilities have been entered into or are proposed to be entered into after month end, include details of those facilities as well.

+ See chapter 19 for defined terms

1 September 2016

9.	Estimated cash outflows for next quarter	\$A'000
9.1	Exploration and evaluation	850
9.2	Development	-
9.3	Production	-
9.4	Staff costs	60
9.5	Administration and corporate costs	150
9.6	Other (provide details if material)	-
9.7	Total estimated cash outflows	1,060

10.	Changes in tenements (items 2.1(b) and 2.2(b) above)	Tenement reference and location	Nature of interest	Interest at beginning of quarter	Interest at end of quarter
10.1	Interests in mining tenements and petroleum tenements lapsed, relinquished or reduced	-	-	-	-
10.2	Interests in mining tenements and petroleum tenements acquired or increased	-	_	-	-

#### **Compliance statement**

- 1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.
- 2 This statement gives a true and fair view of the matters disclosed.

Sign here:	Man	Date: 31 July 2017

Director and Company Secretary

Print name: Sonu Cheema

#### Notes

- The monthly report provides a basis for informing the market how the entity's activities have been financed for the past month and the effect on its cash position. An entity that wishes to disclose additional information is encouraged to do so, in a note or notes included in or attached to this report.
- 2. If this monthly report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, AASB 6: Exploration for and Evaluation of Mineral Resources and AASB 107: Statement of Cash Flows apply to this report. If this monthly report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.
- 3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.

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<sup>+</sup> See chapter 19 for defined terms

#### **Technology Metals Australia Limited**

#### **Annexure A - Performance Shares**

In accordance with section 6.12 of the Company's ASX admission letter, the following table is provided in respect of performance securities issued.

Performance Share Class	Number of Performance Shares	Key Terms and Conditions	Status
Class A*	10,000,000	Convert in to 10 million fully paid ordinary shares and 10 million Class B Performance Shares on achievement of an inferred resource of 30 Million tonnes at greater than 0.8% V2O5 on or before 31 December 2019.	Milestone achieved with conversion following the June 17 Qtr.
Class B*	10,000,000	Class B Performance Shares, issued upon conversion of the 10 million Class A Performance Shares, convert in to 10 million fully paid ordinary shares on achievement of an indicated resource of 20 Million tonnes at greater than $0.8\%\ V_2O_5$ on or before 31 December 2019.	Milestone not achieved with no conversion during the period.

<sup>\*</sup>All Performance Shares and any fully paid ordinary shares issued on conversion of the Performance Shares are subject to restriction until 21 December 2018.

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<sup>+</sup> See chapter 19 for defined terms