

# Copper Producer and Explorer

**AGM** presentation

**15 November 2019** 

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### Investment Highlights



#### **Producing**



#### **Tritton Copper Ops**

- FY20 24.5kt Cu
- 2 U/G mines
- 1.8Mtpa processing plant
- 4yr Production Plan<sup>1</sup>
- Potential mine life extensions from project pipeline

#### **Exploring**



#### **Tritton Exploration**

- 2,160km<sup>2</sup> ground
- 750kt Cu discovered
- Kurrajong success
- 29 new EM anomalies

#### **Torrens JV**

- Aeris 70%
- Right address
- Large anomaly
- Two holes drilled to target depth

#### Growing



#### **Growing the business**

- Like copper good fundamentals
- Also Gold and other Base Metals
- Looking for the right M&A Opportunities

#### **Organic Growth**

 Tritton brownfields and greenfields exploration

<sup>&</sup>lt;sup>1</sup> See ASX announcement 17/07/19

<sup>&</sup>quot;Noosa Mining & Exploration
Investor Conference Presentation"

## **Corporate Overview**



Capital Structure		
Fully diluted shares outstanding	642.5 million	
Share price (as at 14 November 2019)	\$0.06	
Fully diluted market capitalisation	\$39m	
Plus: Debt <sup>(1)</sup>	\$43m	
Less: Cash <sup>(1)</sup>	\$14m	
Enterprise value	\$68m	



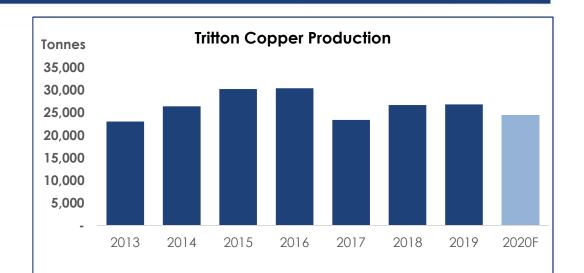
Shareholding Structure (Fully Diluted)		
SPOV (a subsidiary of a fund managed by PAG)	198.6m	30.9%
Other shareholders	257.1m	40.0%
Standard Chartered Bank (CPS)	93.4m	14.5%
Management (options) (2)	93.4m	14.5%

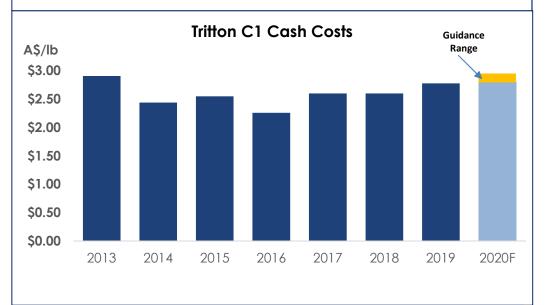
Board and Management		
Andre Labuschagne Executive Chairman	Alastair Morrison Non-Executive Director	
Rob Brainsbury Chief Financial Officer	Michele Muscillo Non-Executive Director	
Ian Sheppard Chief Operating Officer	Marcus Derwin Non-Executive Director	

## FY2019 in review - another consistent year



- Copper production of 26,852t initial guidance was 24,500t
- C1 Cash costs on target at \$2.78lb
- Successful \$35 million equity raise in October
- U\$\$20 million payment on debt remaining debt now A\$43 million
- 25 new anomalies identified
- Kurrajong exploration target 3-4mt
  @ 1.5%-2% copper
- Drilling at Torrens commenced
- Focus on growth opportunities







## Established copper mine in highly prospective region

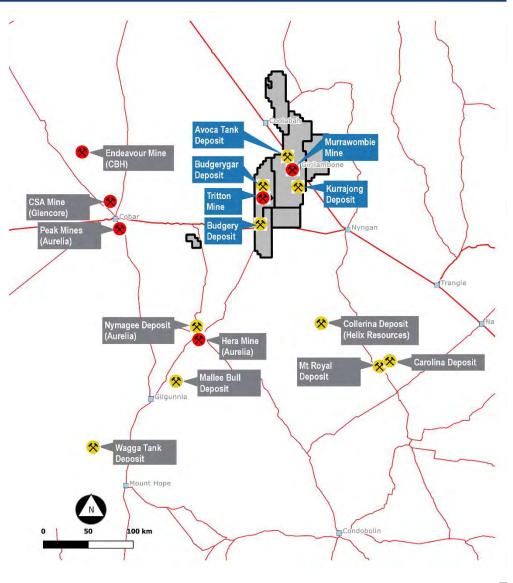


#### **Tritton Copper Operations**

- First production in 2005 with >320kt Cu produced to date
- Highly endowed tenement package
- >750kt copper discovered on tenements to date
- Tritton deposit is a >20Mt copper dominant system
- Murrawombie is a >10Mt deposit
- Mining projects pipeline including Avoca Tank,
   Budgery and Budgerygar deposits

#### Western NSW Region (Girilambone and Cobar Basins)

- Highly endowed region with notable producers and explorers:
  - CSA Mines (Glencore PLC)
  - Peak and Hera Mines (Aurelia Metals Ltd)
  - Mallee Bull / Southern Nights exploration projects (Peel Mining Ltd)



### Tritton Copper Operations 4 Year Production Plan with potential to extend mine life



- Existing Copper Metal Inventory:
  - Ore Reserves: 6.7Mt @1.5% Cu<sup>1</sup>
  - Mineral Resources: 19.8Mt @ 1.5% Cul
- 4 Year Production Plan<sup>2</sup>
- Potential to extend mine life:
  - Tritton and Murrawombie brownfields extensions
  - Avoca Tank and Budgery deposits
  - Budgerygar (deposit accessible from Tritton infrastructure)
  - Kurrajong (Exploration Target of 3-4Mt @ 1.5% - 2% Cu)3

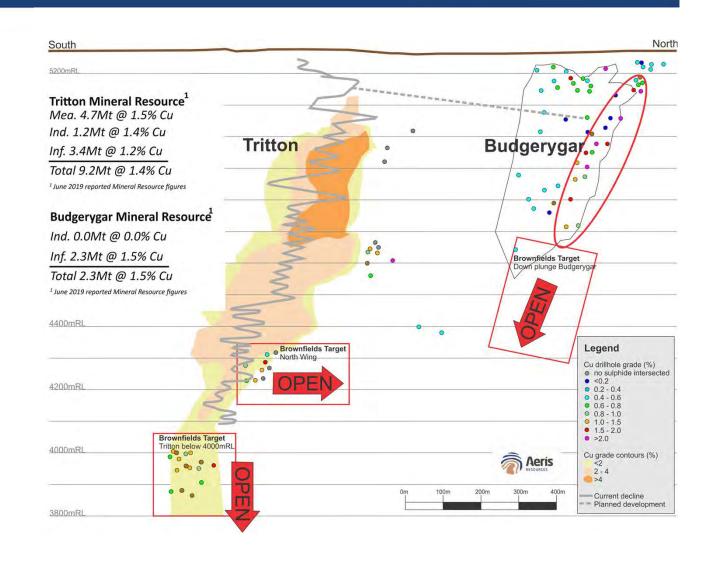


# Tritton Copper Operations Brownfields exploration - Tritton and Budgerygar



Life of Mine extension opportunities at Tritton:

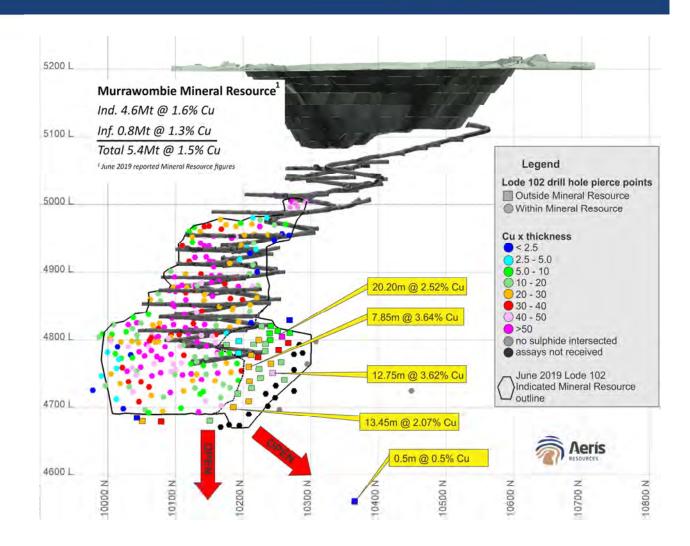
- Tritton at depth
- North wing
- Corridor between Tritton and Budgerygar
- Budgerygar deposit
  - Exploration drive from Tritton
  - Drill to upgrade
     Mineral Resource
     status



# Tritton Copper Operations Brownfields exploration - Murrawombie



- Geologically performing better than expected
- Open at depth and to the North
- Recent grade control drilling hit good copper intersections outside of current Mineral Resource envelope
- Exploration drilling planned to test further extensions



## Tritton water update



- Level 4 water restrictions apply from 1 November 2020 Burrendong Dam at 3.5%
- Tritten's high security water reduced to 70% (705ML to 480ML)- use around
   1100ML pa
- Acquired additional 600ML of high security water on market for FY2020
- Company has been notified that water release down Gunningbar Creek will cease end November if no rain – resulting in no water from Burrendong Dam to Tritton
- Tritton has 2 3 months of water stored in old open pit and underground workings to be used for processing to February 2020

## Tritton water update



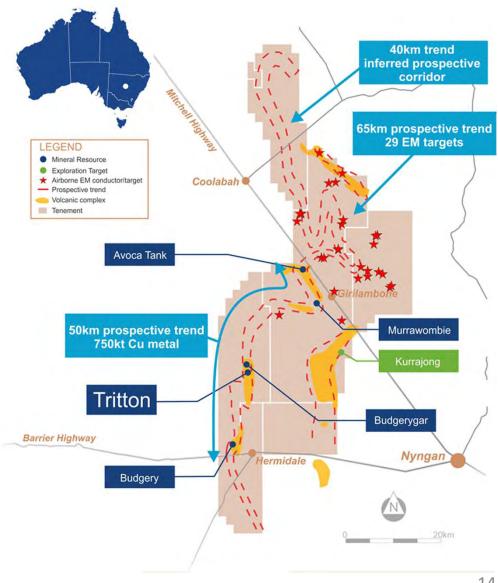
- Action plan:
  - Ongoing water management and water harvesting at site
  - Install a spur pipeline connecting to the Nyngan-Cobar water pipeline to access the additional 600ML high security water and next year's water allocation
  - Engaging with all levels of Government and other stakeholders to secure approvals, funding and installation of pipeline before end of January 2020
- Importance of spur pipeline to Tritton and surrounding communities:
  - Secures Tritton water supply from Burrendong Dam
  - Improves efficiency of water flows in the Macquarie river system



### Tritton Greenfields Exploration – finding new deposits

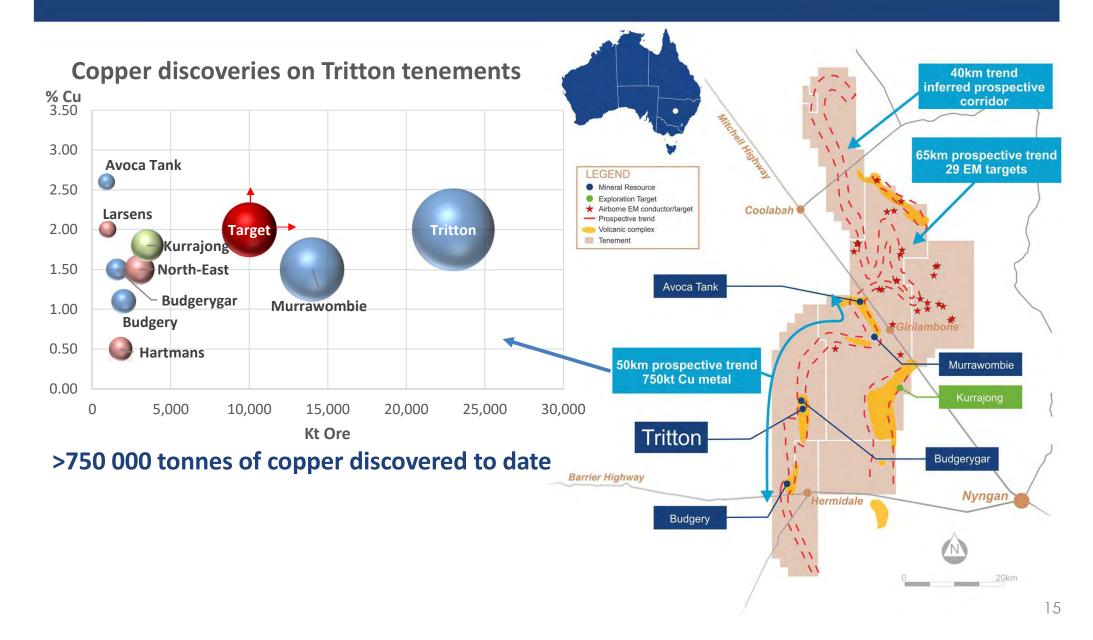


- Greenfield exploration strategy is focused on discovering "Tritton-scale" deposits (i.e. +10Mt @ >2% Copper)
- Southern half of tenement package highly endowed and producing strong results from drilling at Kurrajong
- Northern half underexplored:
  - Recent mapping extended prospective geological corridor by 65km with potential to extend by a further 40km
  - Airborne EM programs identified 29 new EM anomalies – including 9 ranked as higher priority
- Focus for FY20:
  - Ground based EM surveys to confirm anomalies



### Tritton Tenement Package – fertile ground

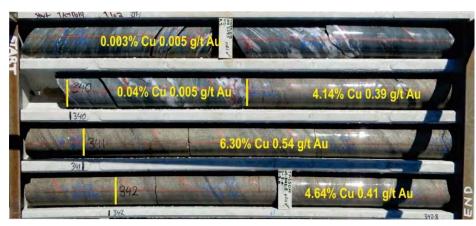


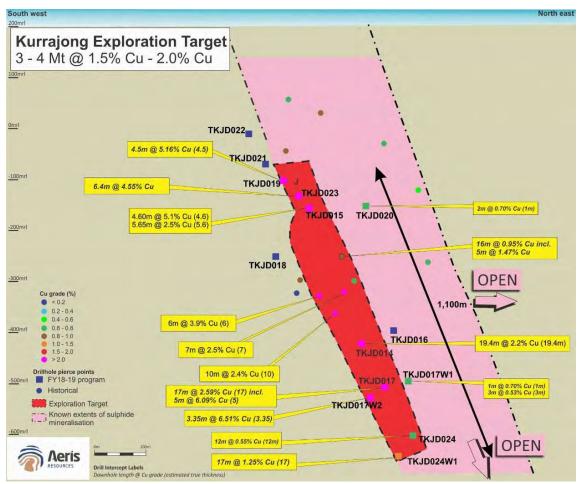


## Exploration success at Kurrajong - upgraded to Exploration Target<sup>1</sup>



- Kurrajong prospect is located 20km east of Tritton processing infrastructure
- Successful FY19 drilling program upgraded to an Exploration Target<sup>1</sup>:
  - 3-4mt @1.5% 2% Cu
  - Potential for higher grade core
- Copper mineralisation now traced over 1,100m down-plunge and still open down plunge and along strike to the north
- Approval processes underway for next drilling campaign seeking to improve confidence to Inferred Mineral Resource



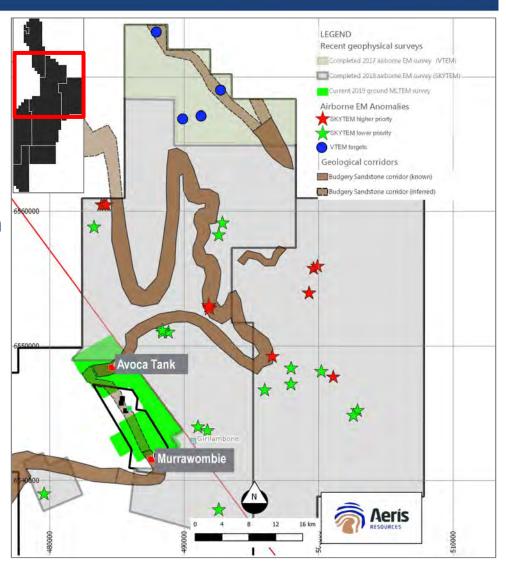


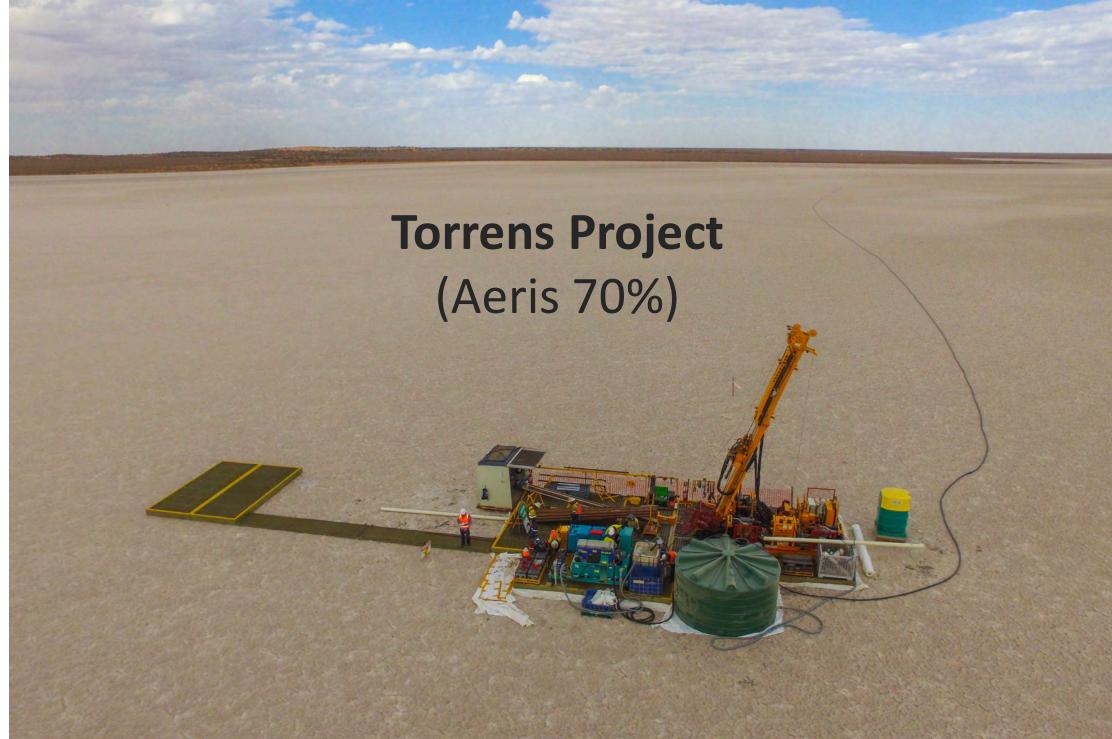
## Tritton Greenfields Exploration – FY20 focus is on Northern corridor



- Two airborne EM surveys since 2017:
  - Quick and cost-effective exploration technique
  - 29 new EM anomalies identified
- FY20 Plan:
  - Ground-based EM surveys to assist with ranking targets



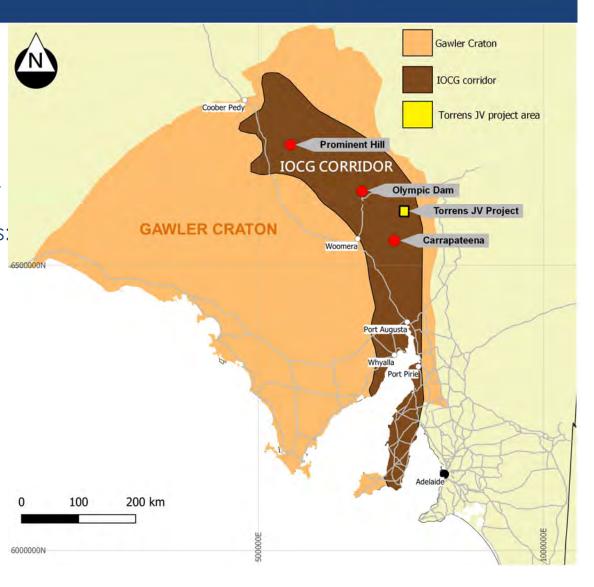




## Torrens Project (AIS 70%) - IOCG target in Gawler Craton (SA)



- Aeris holds a 70% interest and is the manager of the Torrens Project through a JV with Argonaut Resources NL (30%)
- Torrens located on Eastern Gawler
   Craton IOCG corridor in South Australia,
   which hosts several large scale deposits
   and world class copper-gold operations:
  - Olympic Dam
  - Carrapateena
  - Prominent Hill
- Torrens Project contains a regionally significant coincident magnetic and gravity footprint (120km²):
  - Bigger footprint than Olympic Dam
  - In total 28 geophysical anomalies identified from latest geophysical survey
- Approval permit for drilling up to 70 deep diamond drill holes



# Torrens Project (AIS 70%) Multiple anomalies across large-scale IOCG system



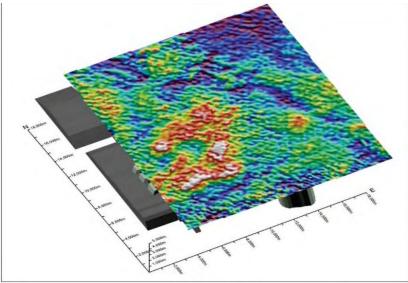
Regional airborne gravity survey completed March 2018:

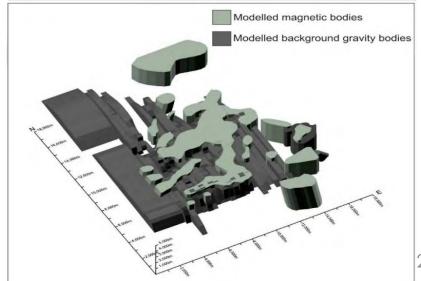
- 28 geophysical anomalies identified
- Geophysical and structural interpretations to be reviewed in conjunction with latest drill results
- Drill targets to be selected based on geophysical anomalies and structural interpretations

Drilling commenced January 2019:

- Stage 1 drill program
  - 2 holes completed to target depth
- Paused at end of May for review of:
  - New updated geophysical interpretations
  - Geological data from drilling
  - Optimising next drill targets
  - Costs and procedures

Oblique view looking north east at the Torrens project area showing A) shallow gravity response from the Falcon survey and B) modelled basement gravity (dark grey) and magnetic (light grey) bodies.





#### Strategic Initiatives for FY20



## Focus on Operational Productivity and Safety



- Maintain focus on operational productivity, cost management and safety across all the Company's activities
- Tritton FY20 production guidance of 24.5kt @ C1 Cash Cost between A\$2.80/lb – A\$2.95/lb
- Working with various NSW
   Government departments to secure alternative method of water delivery (spur pipeline) to Tritton

## Exploit Existing Tenement Packages / Projects



- Continue exploration on the highly prospective Tritton tenement package:
  - Brownfields drilling at Tritton and Murrawombie mines
  - Ground EM surveys to confirm anomalies across northern half of tenement package
  - Advance approvals for next stage of drilling at Kurrajong
  - Progress mining lease application for Avoca Tank
- Unlock value potential of Torrens Project

## Transformational & Strategic M&A Growth



- Pursue strategic M&A opportunities to add value, complement existing portfolio and transform Aeris into a mid-sized, multi-mine company
- Leverage Aeris' existing operational expertise to create value where others cannot
- Focus on base metals, particularly copper, and gold opportunities



## **Thank You**



#### Appendix

### Competent Persons Statement



#### **Competent Persons Statement**

Mr Cox confirms that he is the Competent Person for all the Mineral Resource and Exploration Target estimates summarised in this Report and he has read and understood the requirements of the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code, 2012 Edition). Mr Cox is a Competent Person as defined by the JORC Code, 2012 Edition, having relevant experience to the style of mineralisation and type of deposit described in the Report and to the activity for which he is accepting responsibility. Mr Cox is a Member of the Australasian Institute of Mining and Metallurgy (MAusIMM No. 220544). Mr Cox has reviewed the Report to which this Consent Statement applies. Mr Cox is a full time employee of Aeris Resources Limited.

Mr Ian Sheppard, confirms that he is the Competent Person for all the Ore Reserve estimates summarised in this Report and Mr Sheppard has read and understood the requirements of the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code, 2012 Edition). Mr Sheppard is a Competent Person as defined by the JORC Code, 2012 Edition, having relevant experience to the style of mineralisation and type of deposit described in the Report and to the activity for which he is accepting responsibility. Mr Sheppard is a Member of The Australasian Institute of Mining and Metallurgy, No. 105998. Mr Sheppard has reviewed the Report to which this Consent Statement applies. Mr Sheppard is a full time employee of Aeris Resources Limited.

Mr Sheppard has disclosed to the reporting company the full nature of the relationship between himself and the company, including any issue that could be perceived by investors as a conflict of interest. Mr Sheppard has disclosed to the reporting company the full nature of the relationship between himself and the company, including any issue that could be perceived by investors as a conflict of interest. Specifically Mr Sheppard has rights to 22,418,546 share options that were issued on 15 December 2015 that will vest over five years from the issue date and may be converted to shares over time when various conditions are met. All dollar figures are in Australian dollars unless otherwise indicated.