



## ASX Announcement

### Aus Tin Mining Limited (ASX:ANW)

14 March 2018

## Exploration and Development Update

### Highlights:

- **Civil and mining contractor selected for Level 2 operations at Granville Tin Project.**
- **Mining Lease Application submitted for Taronga Stage 1 Project.**
- **Preliminary metallurgical test work highlights potential to beneficiate target zone material.**

The Directors of Aus Tin Mining Limited (the **Company**) are pleased to provide the following update in respect of the Company's Granville Tin Project, Taronga Tin Project and Mt Cobalt Project.

### Granville Tin Project

The Company is pleased to advise it is in advanced negotiations with Jemrock Pty Ltd (Jemrock) to undertake construction of a new tailings storage facility (TSF) and mining operations at the Granville East Mine. Jemrock is an experienced Tasmanian civil and mining contractor and with the Company are working through potential savings for capital and operating costs.

### Taronga Tin Project

On 21<sup>st</sup> December 2017 the Glen Innes Severn Council approved the Development Application for the Taronga Stage 1 Project. The Taronga Stage 1 Project will comprise a trial mine and pilot plant to process approximately 340,000 tonnes of ore and produce a saleable concentrate over an 18 to 24 month period. A primary objective of the Taronga Stage 1 Project will be to assess areas of upside identified during the Updated Pre-Feasibility Study completed in 2014, including the potential for a higher resource grade. The Company is undertaking additional work to satisfy various permit conditions, notably related to the Tailings Storage Facility and Waste Rock Emplacement.

Having sufficiently progressed elements of the additional work, the Company has recently lodged the Mining Lease Application (MLA) for an area of 76.8 hectares which is fully contained within freehold property owned by the Company (**Figure 1**). The NSW Department of Planning and Environment, Division of Resources and Geoscience are responsible for assessing the MLA and further details on the MLA are anticipated to be available for the March 2018 quarterly report.

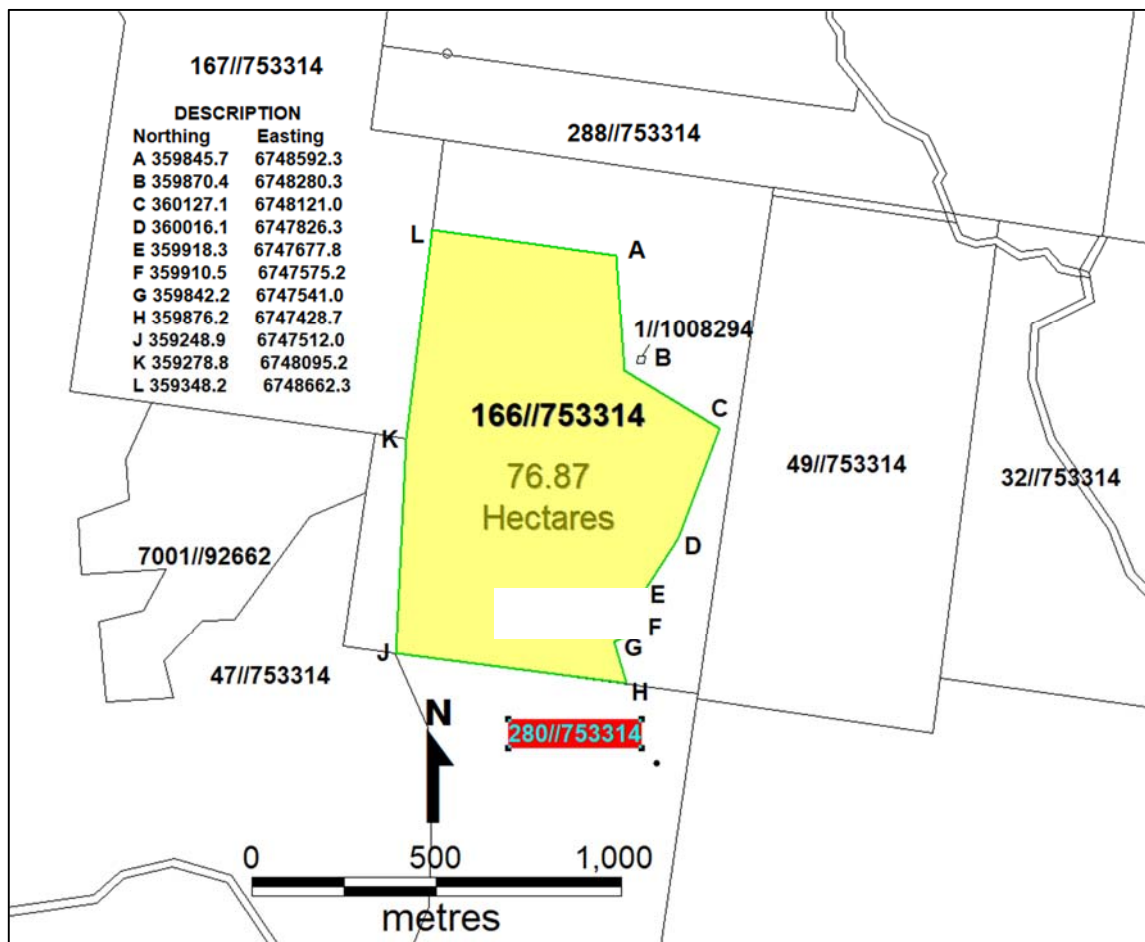


Figure 1 – Mining Lease Application for Taronga Stage 1 Project

### Mt Cobalt

On the 5<sup>th</sup> March 2018 the Company reported it had undertaken preliminary metallurgical test work to assess the potential for beneficiation of material from the target zone. Subsequent analysis received shows an upgrading of 0.3%Co, 0.5%Ni, 3.0%Mn material to 1.6%Co, 1.6%Ni & 19.3%Mn (**Table 1**) may be possible through gravity separation.

Table 1 – Grade and Distribution Results from preliminary beneficiation test work for Mt Cobalt

Sample	Cobalt		Copper		Nickel		Manganese	
	Grade (%Co)	Distribution (%)	Grade (ppm)	Distribution (%)	Grade (%Ni)	Distribution (%)	Grade (%Mn)	Distribution (%)
Head	0.31	100	465	100	0.49	100	2.99	100
Heavies/Sinks (+1.1mm)	1.59	25	2,189	23	1.63	16	19.35	31
Floats (+1.1mm)	0.26	52	376	21	0.38	48	2.09	44
Untested (-.1mm)	0.22	23	378	26	0.54	35	2.27	24

The Company is progressing a program of work to evaluate the beneficiation of cobalt, nickel and manganese to a pre-concentrate on the basis that should valuable minerals be able to be separated out early in the process it could potentially lower the capital and operating costs for a hydrometallurgical processing plant. Alternatively, the Company intends to also evaluate the potential option of direct shipping a beneficiated material.



On behalf of the Board  
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Electronic copies and more information are available on the Company website: [www.austinmining.com.au](http://www.austinmining.com.au)

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#### **About Aus Tin Mining (the Company)**

Aus Tin Mining Limited (ASX: ANW) has a vision to become a major Australian tin producer. The Company has recommenced production at the high grade Granville Tin Project located north of Zeehan (TAS) and the Company intends to expand the Granville Tin Project and undertake exploration to extend the Life of Mine. The Company is also developing the world class Taronga Tin Project located near Emmaville (NSW). The Company defined and announced its maiden JORC compliant resource for the Taronga Tin Project in late 2013 and test work and exploration activities on site have revealed potential credits for copper, silver, tungsten, molybdenum, lithium and rubidium. Highly prospective regional targets have also been established within the Company's broader tenement footprint, and within trucking distance of the proposed processing site at Taronga. In December 2017 the Company received approval for the first stage of development at Taronga for a trial mine and pilot plant.

The Company is also actively exploring for cobalt at its Mt Cobalt project west of Gympie (QLD). Recent drilling has returned high grades for an enriched cobalt-manganese oxide zone. In addition, the Company is exploring an approximately 4km arc along the contact with the Black Snake Porphyry which is prospective for cobalt, nickel, copper and gold.

#### **Forward Looking Statement**

This announcement may contain certain statements and projections provided by or on behalf of Aus Tin Mining Limited (Aus Tin Mining) with respect to the anticipated future undertakings. These forward-looking statements reflect various assumptions by or on behalf of Aus Tin Mining. Accordingly, these statements are subject to significant business, economic and competitive uncertainties and contingencies associated with exploration and/or mining which may be beyond the control of Aus Tin Mining which could cause actual results or trends to differ materially, including but not limited to price fluctuations, exploration results, reserve and resource estimation, environmental risks, physical risks, legislative and regulatory changes, political risks, project delay or advancement, ability to meet funding requirements, factors relating to property title, native title and aboriginal heritage issues, dependence on key personnel, share price volatility, approvals and cost estimates. Accordingly, there can be no assurance that such statements and projections will be realised. Aus Tin Mining makes no representations as to the accuracy or completeness of any such statement of projections or that any forecasts will be achieved.

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#### **COMPETENT PERSON STATEMENT**

The information in this presentation that relates to Exploration Targets and Exploration Results is based on information compiled by Mr Nicholas Mather B.Sc (Hons) Geol., who is a Member of The Australian Institute of Mining and Metallurgy. Mr Mather is employed by Samuel Capital Pty Ltd, which provides certain consultancy services including the provision of Mr Mather as a Director of Aus Tin Mining. Mr Mather has more than five years experience which is relevant to the style of mineralisation and type of deposit being reported 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, Minerals Resources and Ore Reserves' (the JORC Code). This public report is issued with the prior written consent of the Competent Person(s) as to the form and context in which it appears.

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