



ASX Release: 31 October 2016

Quarterly Activities Report - Period Ended 30 September 2016

Aus Tin Mining Ltd
("the Company")

ASX CODE: ANW

At Time of Publication

Shares on Issue
1,657 million

Unlisted Options
314 million (@ \$0.02)

Market Capitalisation
\$19.9M (at 1.2cps)

DIRECTORS

Brian Moller (Chairman)
Nick Mather
John Bovard
Richard Willson

CHIEF EXECUTIVE OFFICER

Peter Williams

COMPANY SECRETARY

Karl Schlobohm

CONTACT DETAILS

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HIGHLIGHTS

- **Tin production commenced at Granville Tin Project.**
- **High grade cobalt results and new target south of Mt Cobalt.**
- **Major capital raising completed oversubscribed.**

REVIEW OF ACTIVITIES

Granville Tin Project

During the quarter the Company commenced tin production at the Granville Tin Project. The current Level 1 operation entails the re-treatment of tailings with assay grades between 0.8%Sn and 3.3%Sn to produce a concentrate (approximately 55 percent tin). Most recently the Company has implemented a number of measures to increase the throughput rate. The first dispatch of tin concentrate under the Traxys off-take agreement is anticipated to occur in November.

During the quarter the Company also progressed the approvals process for the proposed expanded Level 2 operations (Granville Expansion) and undertook baseline monitoring and engineering work.

Mt Cobalt

During the quarter the Company announced a new high grade cobalt target centred on historic workings south of Mt Cobalt that are reported to have had a lode grade of 7.5%Co, 2.5%Ni. Cobalt grades of up to 1.66%Co were obtained from rock chip samples taken within the target.

The Company has subsequently undertaken a drill program targeting down dip extensions to historic workings and cross shears along 250m strike. Nine reverse circulation (RC) drill holes for a total of 461m have been completed. Whilst assay results are yet to be received, visible black and green cobalt/nickel/manganese oxide mineralisation of indeterminate grade was reported in each of the holes.

Corporate

During the quarter the Company completed a placement to sophisticated investors to raise \$750,000 before costs and has subsequently raised a further \$1.66M (cash and debt conversion) by way of a 1:10 Entitlement Offer. Both raisings were over-subscribed.

The Company is now well positioned to deliver its project pipeline with over \$1.2M in the bank and Granville tin sales revenue anticipated to fund the development of Taronga Stage 1.

JUNE QUARTER 2016 ACTIVITIES

Granville Tin Project (Tasmania)

During the quarter the Company commenced tin production at the Granville Tin Project. The current Level 1 operation encompasses the re-treatment of tailings with assay grades between 0.8%Sn and 3.3%Sn to produce a concentrate (approximately 55 percent tin). Most recently the Company has implemented a number of measures to increase the throughput rate and payable tin production through to the end of December 2016, and is expected to be approximately 50 tonnes of contained tin metal. Produced tin concentrate is to be sold under the existing marketing arrangements with Traxys.

Concurrently the Company is progressing the necessary approvals for the expanded Level 2 operation (**Granville Expansion**). The Granville Expansion will entail the processing of significant levels of existing stockpiled ore plus a resumption of mining at the Granville East Open Pit (Figure 1). During the quarter the Company progressed baseline monitoring and engineering designs for plant to be procured for the expansion.

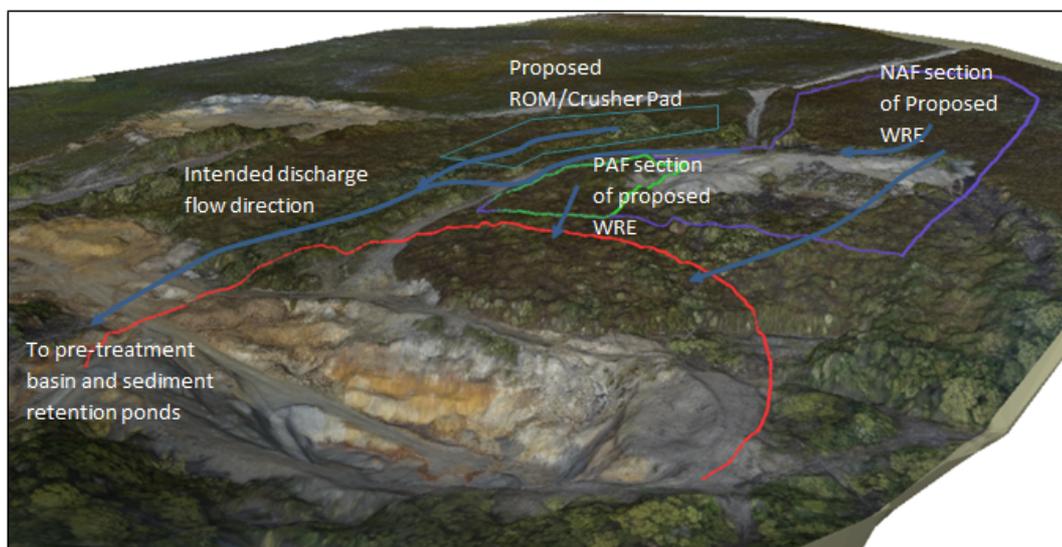


Figure 1 – Schematic of the proposed cut-back at the Granville East Open Pit (red outline) with areas for Waste Rock Emplacement (WRE) and other infrastructure

For the Granville Expansion a new pre-concentration plant is expected to further increase the production rate to approximately 550tpa of tin in concentrate.

Taronga Tin Project (NSW)

During the quarter, the Company progressed the documentation required for the Taronga Stage 1 Project, notably the Environmental Impact Statement, and engineering works including the tailings storage facility. The Taronga Stage 1 Project is intended to demonstrate areas of potential upside, including resource grade, tin recovery and the recovery of by-product credits. It is anticipated the Taronga Stage 1 Project will be funded from cashflow from the Granville Tin Project.

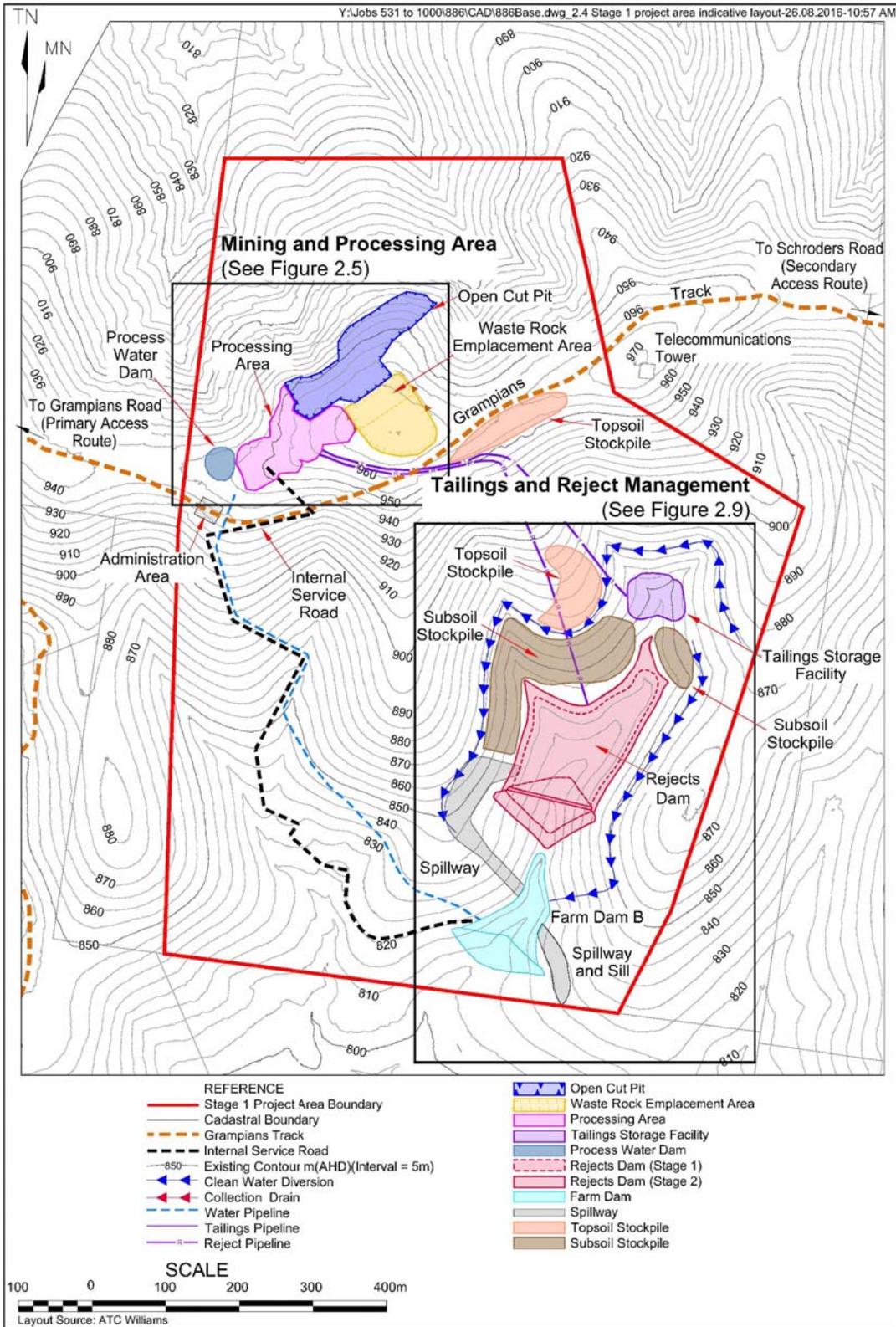


Figure 2 – Site layout for the Taronga Stage 1 Project



Tin Market

Since the start of 2016, the tin price has risen approximately 56 percent to US20,840/t, largely driven by declining global production from the major tin producing countries, with increasingly more stringent environmental controls in China impacting refined tin production, coupled with Myanmar mine production transitioning from open cut to underground. Somewhat spectacularly, LME tin stocks have dropped dramatically over the past three months - down 48 percent since the last quarterly report on 29 July 2016 and currently are at a 12 year low of 2,895 tonnes.

Tin is being increasingly linked to energy storage and generation which will place further pressure on LME stocks. ITRI have reported increased tin demand for lead-acid batteries (now the fourth largest use of tin after solder, chemicals and tin plate) plus potential new applications for tin (including lithium-ion batteries, solar panels and fuel catalysts)¹.

Mt Cobalt Project (Queensland)

During the quarter the Company announced that it had identified a new cobalt target south of Mt Cobalt centred on a recently identified historic mine, this new zone extending the overall cobalt target to approximately 800m in length. Mt Cobalt is situated within EPM 19366 (100% held by Aus Tin Mining) and was historically the centre of mining for high grade, cobalt-manganese rich mineral asbolite. Historical records for the Smith mine (approximately 200m south of Mt Cobalt itself) report mining a lode approximately 7m in true width to a depth of 25m with a grade of 7.5%Co, 2.5% Ni and 18%Mn². For comparison, typical economic grades reported for cobalt deposits range from 0.1 to 0.15 percent³.

Recent field reconnaissance generated a new overall target of approximately 800m in total length and cobalt grades of up to 1.66%Co were obtained from rock chip samples taken from within the overall target. During follow-up field work the Company observed the location of historic workings at the intersection of two shear zones, being the cobalt enriched master-shear, and the nickel rich garnierite shear.

The Company has subsequently undertaken a drill program targeting down dip extensions to historic workings and cross shears along 250m strike. Nine reverse circulation (RC) drill holes for a total of 461m have been completed. Whilst assay results are yet to be received, visible black and green cobalt/nickel/manganese oxide mineralisation of indeterminate grade was reported in each of the holes.

¹ Source – ITRI presentation to PDAC, March 2016

² Source - Report on a Cobalt Lode at the Black Snake near Kilkivan; WH Rands; 1887

³ Source – Cobalt; British Geological Society; 2009

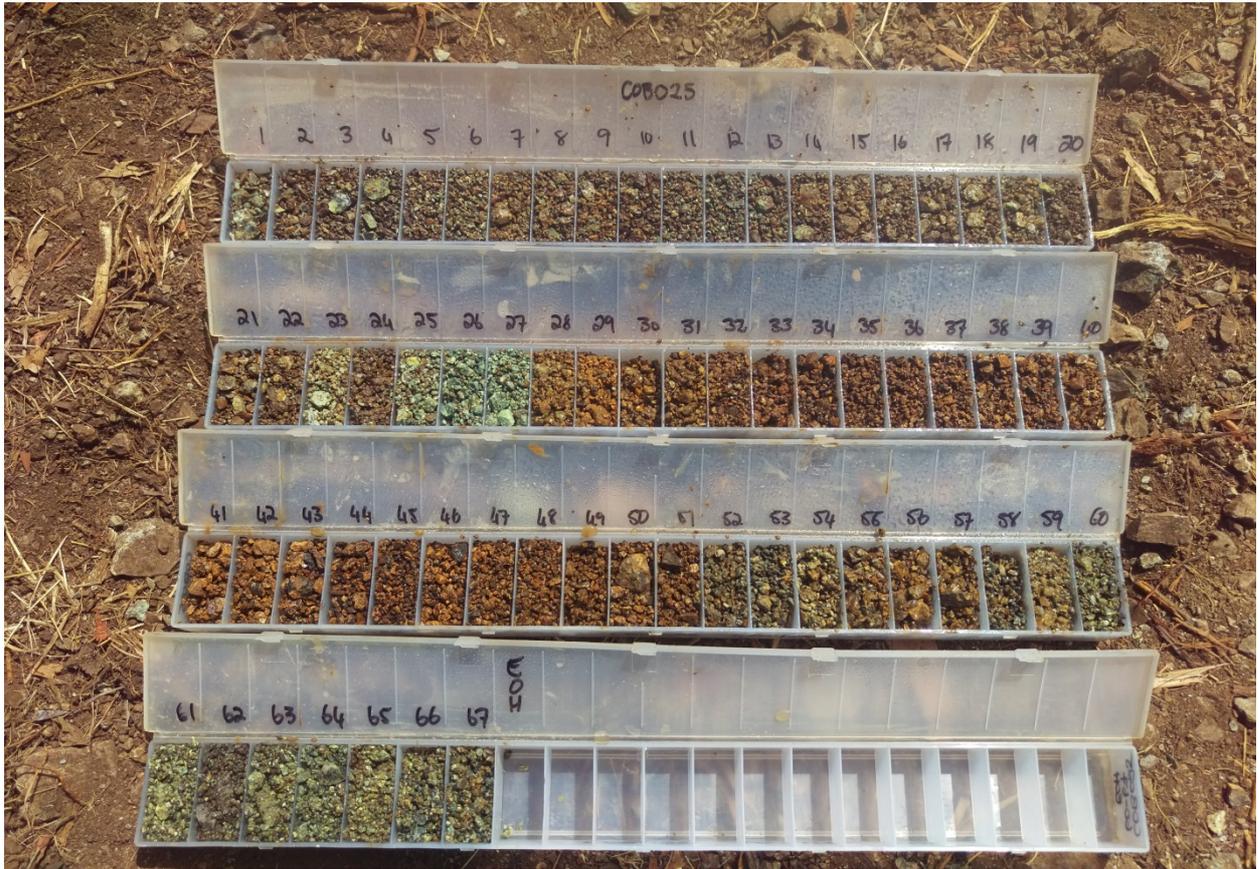


Figure 3 – Reverse Circulation (RC) drilling chips for COB 25 (last hole completed)

Corporate

During the quarter the Company completed a placement to sophisticated investors to raise \$750,000 before costs and has subsequently raised a further \$1.66M (cash and debt conversion) by way of a 1:10 Entitlement Offer. Both raisings were over-subscribed.

The Company is now well positioned to deliver its project pipeline with over \$1.2M in the bank and Granville tin sales revenue anticipated to fund the development of Taronga Stage 1.

Tenement Management

The Company’s interest in tenements for the quarter is outlined in the attached Appendix 1.



On behalf of the Board
 KM Schlobohm
 Company Secretary



Competent Persons Statement

The information in this presentation that relates to 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.

The information in this Announcement that relates to Mineral Resources is based on information extracted from the report entitled "Maiden JORC Resource Estimated for the Taronga Tin Project" created on 26th August 2013 and is available to view on www.austinmining.com.au. Aus Tin Mining confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

In the information in this Announcement that relates to Ore Reserves is based on information extracted from the report entitled "Pre-Feasibility Advances the Taronga Tin Project" created on 7th April 2014 and is available to view on www.austinmining.com.au. Aus Tin Mining confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

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Electronic copies and more information are available on the Company website: www.austinmining.com.au

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Appendix: 1 Details of Exploration Tenements Held by Aus Tin Mining Limited

Mining Leases /Exploration Licences held at 30 September 2016

Tenement	Location	% Interest	Grant Date	Renewal Submitted	Expiry Date
21M/2003	TAS (Zeehan)	100%			05.03.17
9M/2006	TAS (Zeehan)	100%			05.03.17
EPM 19366	QLD (Kilkivan)	100%	09.08.12		08.08.17
EL 50/2011	TAS (Waratah)	100%	21.05.12		20.05.17
EL 8407	NSW (Emmaville)	100%	29.05.09		04.11.18
EL 7800	NSW (Emmaville)	100%	23.03.11	30.06.15	
EL 7801	NSW (Emmaville)	100%	23.03.11		04.07.18
EL 8335	NSW (Emmaville)	100%	05.01.15		05.01.18

Exploration Licences acquired during the period

Tenement	Location	% Interest	Grant Date	Application Date	Expiry Date
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Exploration Licences surrendered during the period

Tenement	Location	% Interest	Grant Date	Surrender Date	Expiry Date
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Exploration Licences Applications outstanding for the period

Tenement	Location	% Interest	Grant Date	Application Date	Expiry Date
ELA5503	NSW (Emmaville)	100%		15.06.16	
ELA5504	NSW (Emmaville)	100%		15.06.16	