

Aus Tin Mining Limited (ASX:ANW)

Developing the World Class Taronga Tin Project

**NSW Resources & Energy Investment Conference 2015** 

28 July 2015

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#### **Competent Persons 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.

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 26<sup>th</sup> August 2013 and is available to view on <a href="www.austinmining.com.au">www.austinmining.com.au</a> 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 7<sup>th</sup> April 2014 and is available to view on <a href="www.austinmining.com.au">www.austinmining.com.au</a>. 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.



## Aus Tin Mining is actively developing mineral assets in northern NSW

Focussed on the Taronga Tin Project north of Emmaville (500km north of Sydney)

- ✓ Completed Mineral Resource and Pre-Feasibility Study (both JORC 2012)
- ✓ Progressing approvals for trial mining & pilot processing (Stage 1 Development)

Exploration program for Life of Mine extension and high grade supplementary feed targets

Our vision is to become a major Australian tin producer and establish a production hub of greater than 3000tpa tin in concentrate for a minimum 30 year Life of Mine (LOM)



## Aus Tin Mining focussing on a proven field at Emmaville



Emmaville Tin Mine - Tent Hill Mine. Image from State Library of NSW Mining commenced at Emmaville in 1870's and has produced over 88,000t of tin



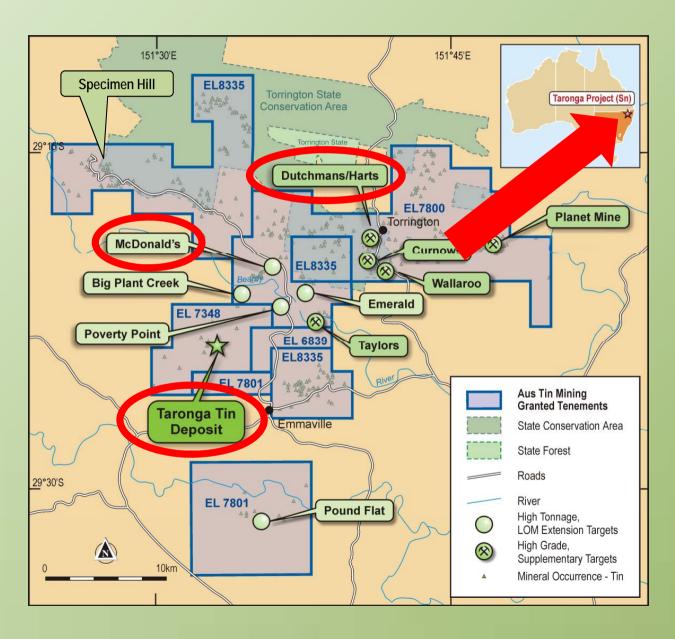


Emmaville retains a proud mining heritage and the community are supportive of a recommencement of mining

Taronga Tin Project well located near major population centres (Glen Innes, Tenterfield, Inverell) and infrastructure (power, roads, hospitals, airport)



## Aus Tin Mining has secured a prospective portfolio of exploration licences



Highly prospective package of exploration licences centred near Emmaville & Torrington

- 305 tin prospects and historic mines identified within exploration licences
- Previous exploration undertaken by leading resources companies including BHP, Newmont, North Broken Hill
- Taronga Tin Project the foundation asset
- Two large Life of Mine extension targets
- Six key high grade supplementary feed targets within close trucking distance of Taronga



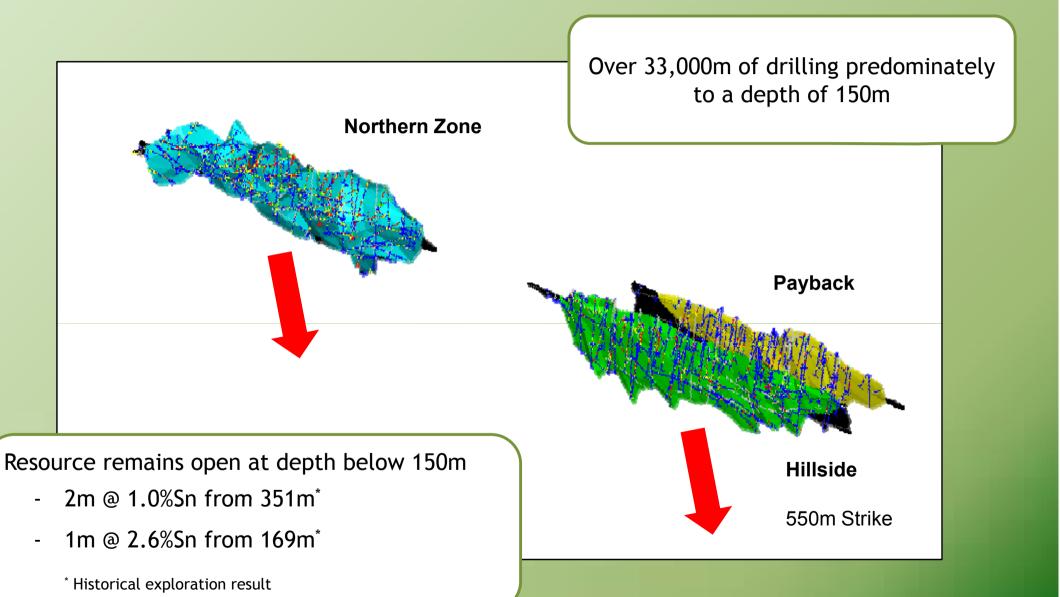
## Taronga Tin Project is the flagship project

#### What makes Taronga a good project

- ✓ Large resource of 57,200t Sn, 26,400t Cu and 4.4Moz Ag (JORC 2012)
- ✓ Pre-Feasibility Study (PFS) completed in 2014
- ✓ Nine Year Life of Mine @ 2.5Mtpa for circa 3,000tpa tin in concentrate
- ✓ Outcrops from surface
- ✓ Technical risk is low with open cut mining and simple metallurgy
- ✓ Several areas of upside identified including resource grade, tin recovery and recovery of by-product credits (copper & silver)
- ✓ Close to existing infrastructure



# Large discrete zones of mineralisation outcropping at surface





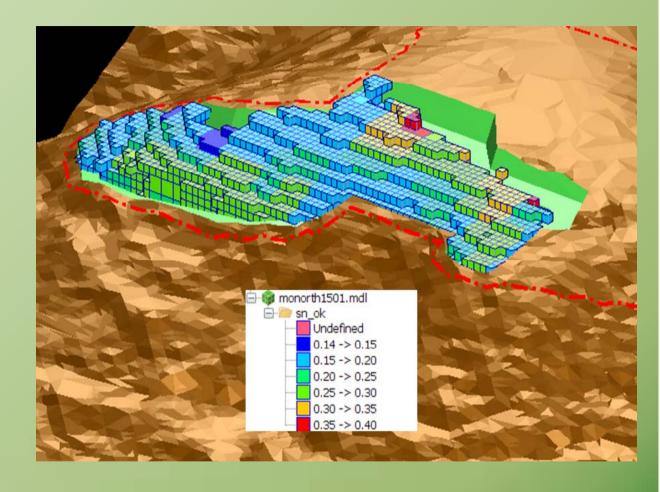
### Next step is to assess areas of potential upside at Taronga

#### Stage 1 Development<sup>1</sup>

- Trial mining of @330kt @ 0.24%Sn from within Ore Reserves (2012 JORC)
- High grade / low strip ratio
- Pilot scale ore processing

#### Areas of upside to evaluate

- Increased resource grade
- Increased tin recovery
- Recovery of by-product credits (copper and silver)
- Beneficiation for reduced OPEX

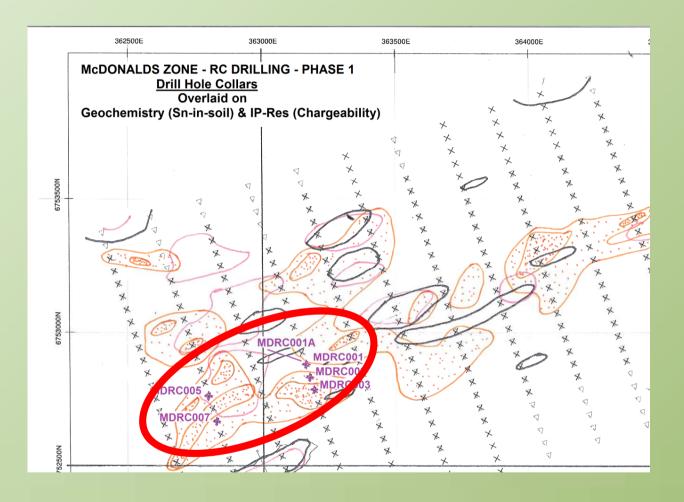


Expected to generate sufficient revenues to meet all capital and operating costs associated with trial, even at current tin price

<sup>1</sup> Refer ASX Announcement 15/4/15



## Life of Mine extension target - increasing the life of operations at Taronga

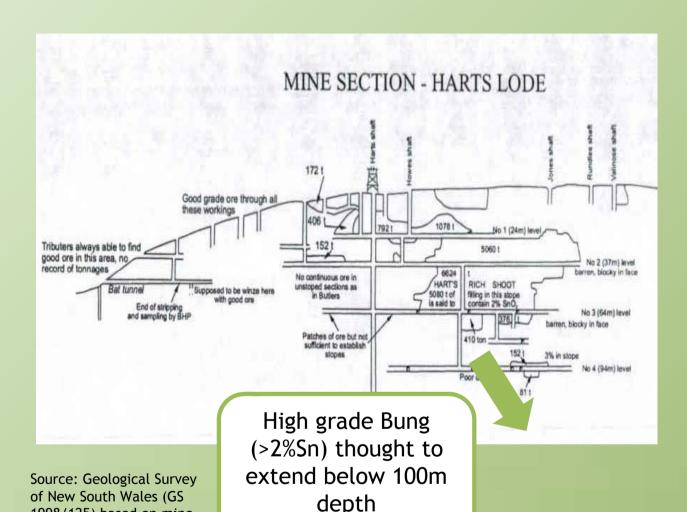


#### McDonalds (EL7800)

- Geochem / geophysics completed
   Sheeted vein system similar to
   Taronga Deposit
- Initial program of six holes completed (July 2015)
  - Confirmation of sheeted veining and extensive mineral bearing greisen and samples submitted for assay
  - Approval being sought for two additional holes
- Three year plan includes drilling along strike



### High-grade supplementary feed targets - increasing feed grade at Taronga



#### **Dutchman's & Harts**

- Historical production of 65,900t at recovered 2.7%Sn<sup>1</sup>
- Exploration Target (2014) of approximately 150kt to 265k at approximately 2.3% to 2.5%Sn<sup>2</sup>
- Internal scoping study completed on the re-opening of Dutchman & Harts
- Currently negotiating land access and completing environmental survey
- Two year plan to undertake drilling at Dutchman & Harts

<sup>1</sup> Source: North Broken Hill GS 1967/282

1998/125) based on mine plans prepared by BHP

announcement made on 2 September 2014

<sup>&</sup>lt;sup>2</sup> Exploration Target is conceptual in nature, noting there has been insufficient exploration to estimate a Mineral Resource and that it is uncertain if further exploration will result in the estimation of a Mineral Resource. The Company is planning an exploration program to test the targets over the next 12 months as detailed in the

### **Investment Highlights**

- ✓ PFS completed and one of two only Australian tin projects with Ore Reserves (JORC 2012).
- ✓ Aus Tin Mining is progressing near term tin production with Stage 1 Development.
- ✓ Taronga Tin Project has several areas of upside to be tested during Stage 1
- ✓ Aus Tin Mining has an active exploration program underway

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