



Cash Flow - Growth - Upside

Noosa Mining & Exploration Conference - July 2016



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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 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.

Our vision is to become a major Australian tin producer



UPSIDE

- Lithium / rubidium potential at Taronga
- Untested high grade cobalt target near Mt Cobalt

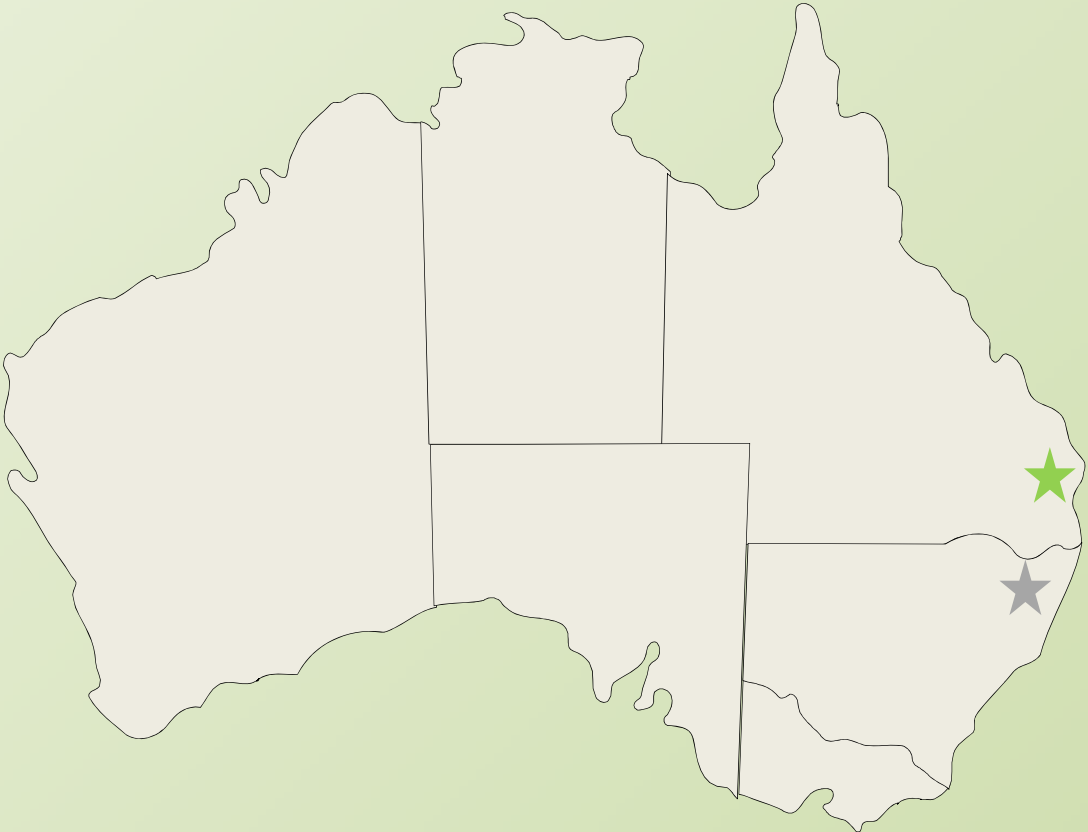
GROWTH

- Increased grade and by-product credits at Taronga
- Supplementary / LOM extension tin targets
- Granville Expansion & extension at depth

CASH FLOW

- Resumption of operations at Granville Tin Project
- Development of trial mine at Taronga

Aus Tin Mining's highly prospective package of exploration tenements



Mt Cobalt (Co) & Pembroke (Ni/Cu)
(40km west of Gympie)

Taronga - Sn & Cu/Ag/W/Mo/Li/Rb
(40km north of Glen Innes, northern NSW)

Heazlewood River (Ni/Sn)



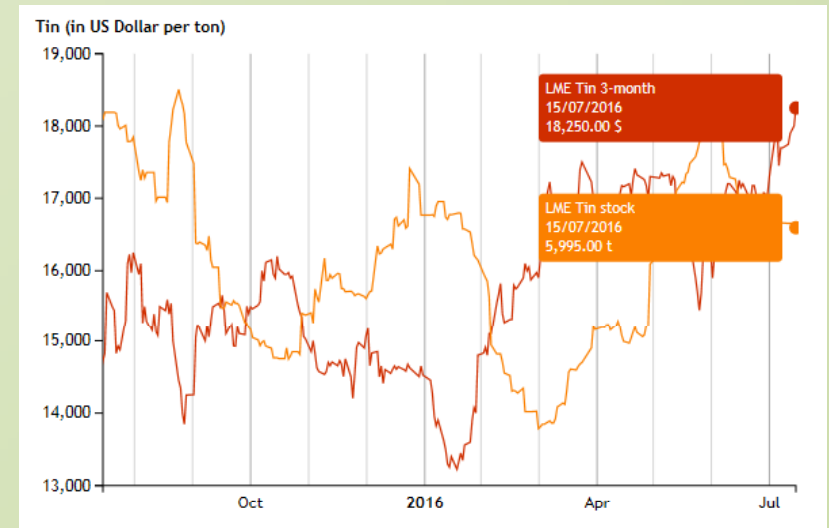
Granville Tin Project - Sn
(20km north of Zeehan, west coast TAS)

Is the long anticipated tin supply shortage is about to be realised ?

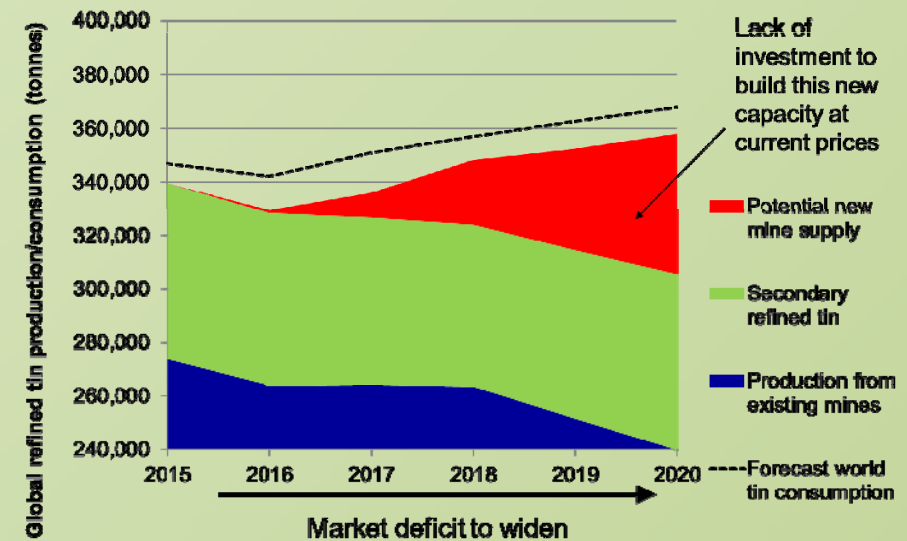
Since the start of 2016...

- Sharp rebound in tin price and global stocks continue to decline
- Mine production on decline
 - Chinese mine production down due to costs & environmental control
 - Indonesian refined production down with announced smelter closures
 - Myanmar mine reportedly in decline due to mine closures, albeit significant stockpiles remain
 - San Rafael production down Q1 due to lower grades
- Beyond 2016, global supply deficit set to continue leading to a further reduction in stocks¹
- Much of the “Potential New Mine Supply” yet to complete final feasibility, funding and approvals¹

¹ Source: ITRI 2016



Source: www.westmetall.com



Source: ITRI 2016

Cash Flow: Granville provides funding for broader development

Granville (20km north of Zeehan, TAS)

- Located within historic Heemskirk tin field
- Magnetite/cassiterite skarn up to 4.18%Sn¹
- Granted Mining Leases and existing plant & infrastructure
- Two year tin concentrate off-take agreement with Traxys²

Initial operation Target

- Processing tailings/stockpiles at low OPEX (pre-production CAPEX almost completed)

Granville Expansion Target

- Approvals process commenced for expanded Level 2 operation (mining & treatment of open cut ore and remaining stockpiles)
- Targeting annualised production of 550tpa of tin in concentrate and revenues underpinned by the Traxys off-take agreement
- Targeting to be a second quartile cost producer



Dressing table being commissioned (tin on left side)³

¹ Refer ASX Announcement dated 7 December 2015

² Refer ASX Announcement dated 11 April 2016

³ Refer ASX Announcement dated 23 June 2016

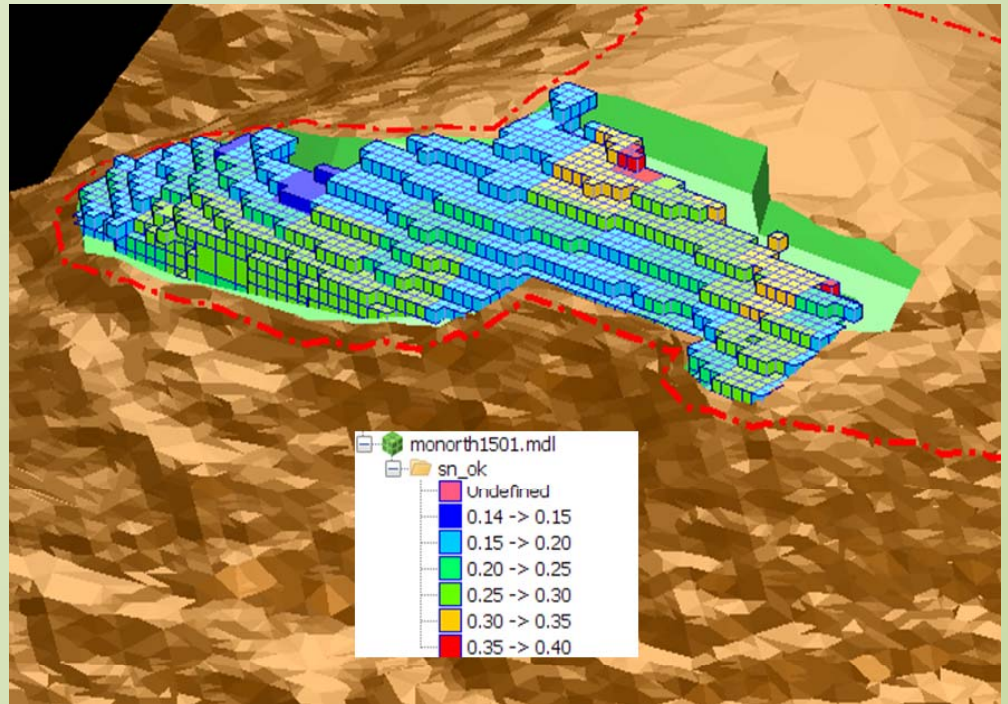
Cash Flow: Low CAPEX start at Taronga will open a second tin operation

Taronga (45km north of Glen Innes, NSW)

- World class tin resource (57kt contained tin; 28kt contained copper and 4.4Moz contained silver)¹
- 2014 Pre-Feasibility Study confirmed economic viability and identified several areas of upside¹

Stage 1 Development

- Proposed trial mine (340kt) & pilot operation to produce premium grade concentrate²
- Approvals process commenced and underlying property purchased
- Targeting low CAPEX (circa \$2.5M) with opportunity for reduction through surplus Granville equipment



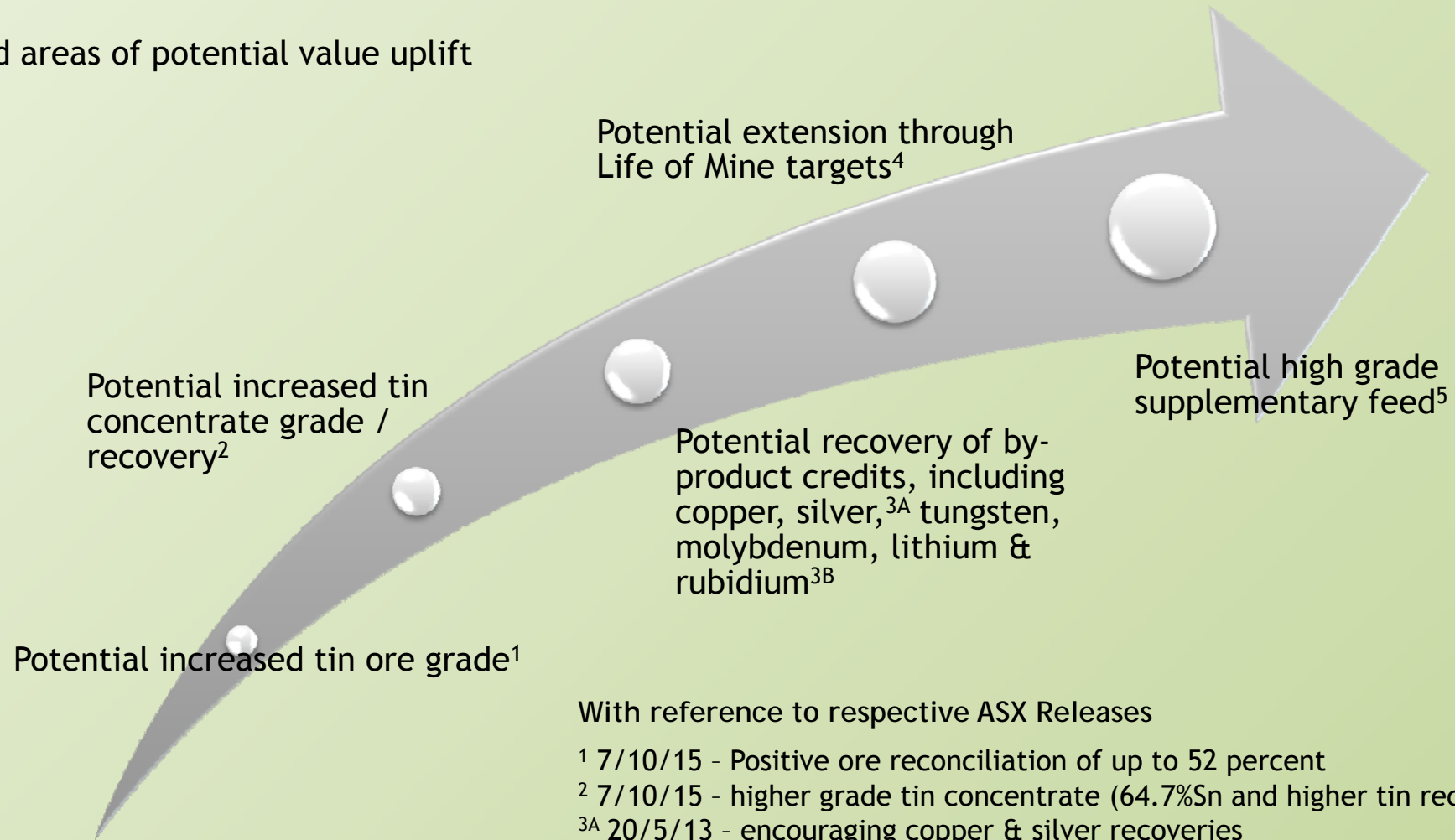
Block model showing grade and conceptual pit design at Taronga Tin Project

¹ Refer ASX Announcement dated 7 April 2014

² Refer ASX Announcement dated

Growth: Taronga could possibly be the "10 Bagger" for Aus Tin Mining

Identified areas of potential value uplift



With reference to respective ASX Releases

¹ 7/10/15 - Positive ore reconciliation of up to 52 percent

² 7/10/15 - higher grade tin concentrate (64.7%Sn and higher tin recovery (75/5%)

^{3A} 20/5/13 - encouraging copper & silver recoveries

^{3B} 16/6/16 - lithium mineralisation identified at Taronga & Torrington Projects

⁴ 6/10/15 - drilling at McDonalds identified high grade intersections

⁵ 2/9/14 - exploration target at Dutchman/Harts 150kt-265kt @ 2.3%Sn to 2.5%Sn

⁶ 7/4/14 - Pre-Feasibility Study advances the Taronga Tin Project

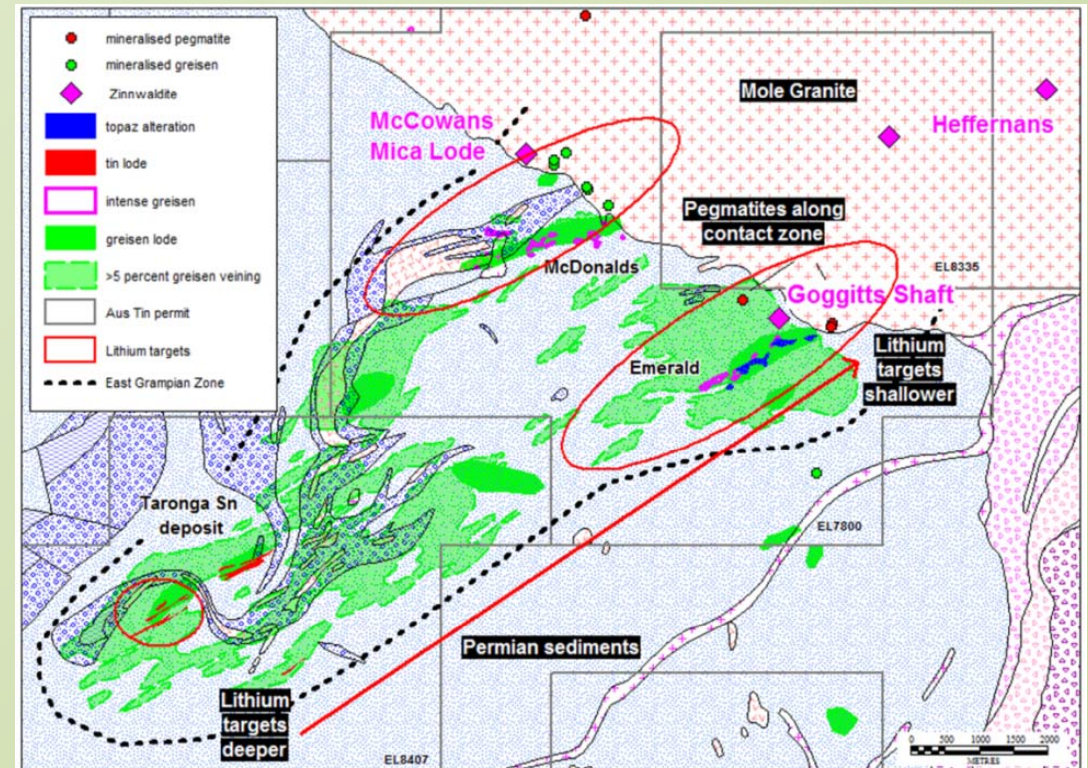
Upside: Possible lithium production ancillary to proposed tin operations

Recent investigations into lithium potential at Taronga delivered a number of exciting opportunities¹:

- Lithium mineralisation (zinnwaldite) reported at several locations within Torrington exploration licences (north east of Taronga)
- Pegmatite (lithium) target generated within the Southern Zone of Taronga based on pervasive occurrence of beryl
- Elevated rubidium levels widespread across Taronga

Factors to be considered for possible future development

- Mining and bulk of processing costs incurred for recovery of tin, so processing of lithium would only incur incremental costs
- Lithium expected to be associated with mica that can be recovered to a flotation concentrate



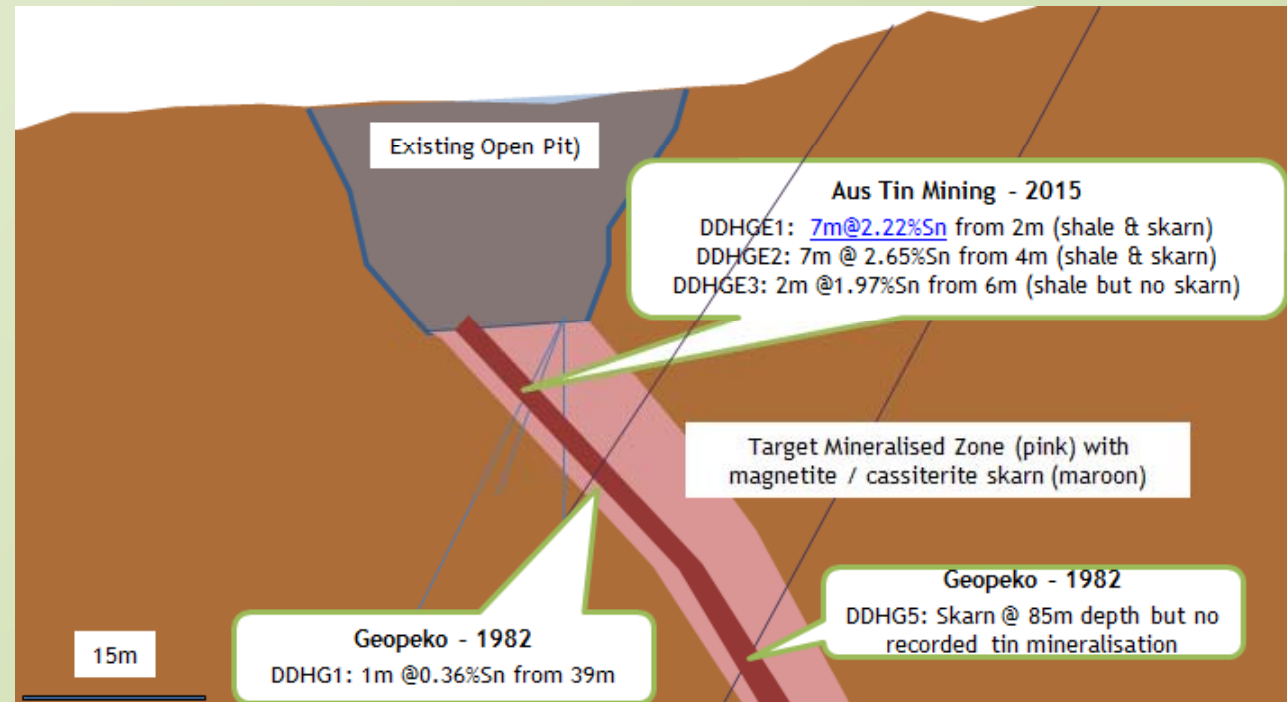
Location of historic Zinnwaldite occurrences along strike from Taronga

¹ Refer ASX Announcement dated 16 June 2016

Growth: Current plans at Granville the tip of the iceberg

Current plan is to mine Granville pit to a depth of 40m only

- Mine plan based on limited drilling completed during due diligence
- High grade magnetite / cassiterite skarn extends into wall at southern end of pit - potential to extend along strike
- Previous drilling intercepted skarn at 85 depth - potential to extend down dip
- Recent metallurgical testwork identified free visible gold in concentrates (up to 132g/t) - source of gold to be investigated with view to recovering



Granville Cross Section incorporating recent & historical drilling

All the hype is lithium - but value wise cobalt counts

Macquarie Research (Global Lithium Report dated 31 May 2016)

Page 27: “lithium comprises less than 2% of the cost of a Li-ion battery” (whereas cobalt is up to 11% - Fig 32)

Fig 32 Lithium is only 2% of Li-ion battery costs

Cathode material	Cathode metal content %					Approx cost (USD per kWh)				At \$250/kWh cell cost Lithium proportion
	Ni	Co	Mn	Li	Other	Ni	Co	Mn	Li	
Lithium Cobalt Oxide (LCO)		60%		7%	33%		30.8		5.4	2%
Lithium Manganese Oxide (LMO)			61%	4%	35%			2.2	2.9	1%
Lithium Iron Phosphate (LFP)				4%	96%				3.4	1%
Lithium Nickel Manganese Cobalt Oxide (NMC)	20%	19%	20%	7%	33%	3.8	9.7	0.8	5.5	2%
Lithium Nickel Cobalt Aluminium Oxide (NCA)	48%	9%		7%	36%	8.9	4.6		5.4	2%

Source: Industry data, Macquarie Research, May 2016

page 28: (the supply of) “cobalt...has some potential to cause lithium market problems”.

Secure and low cost cobalt supply will be imperative for Li-ion market to realise expectations

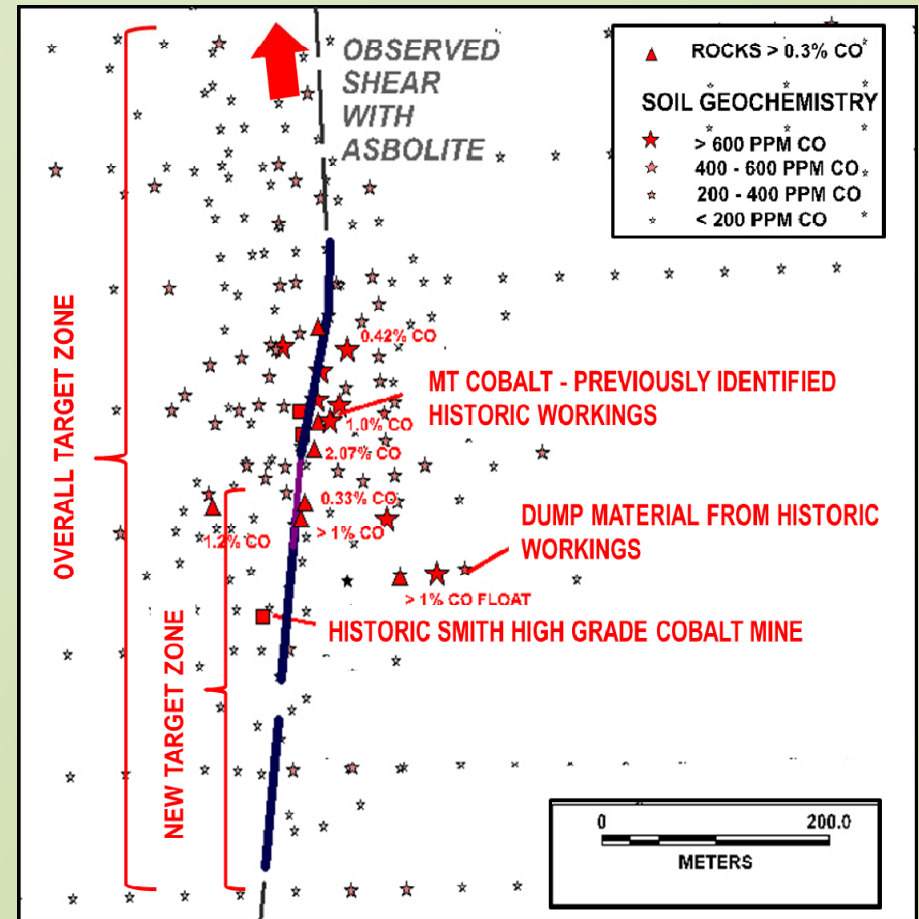
- 65 percent of global cobalt production from DRC - political risk high
- Very few “pure cobalt projects” as cobalt predominately produced as a by-product of nickel and copper production - closure of Ni/Cu projects is impacting cobalt production (eg QNI @ Townsville)
- Typical economic cobalt grades 0.1 to 0.15 percent

¹ Source - “Cobalt”, British Geological Society, 2009

Upside: Mt Cobalt X-Factor

Review of historical records and recent field reconnaissance resulted with an outstanding cobalt opportunity¹:

- New high grade cobalt target centred on historic high grade workings south of Mt Cobalt (40km west of Gympie, QLD)
- Historic reports record Smith Mine mining a high grade cobalt lode 7m wide, 25m depth at 7.5%Co, 2.5%Ni, 18%Mn
- Recent rock chip assaying up to 1.66%Co obtained
- Mapping of shear zone extends overall target to 800m
- Mineralisation dips steeply to the west and not intersected by previous drilling



¹ Refer ASX Announcement dated 4 July 2016

Exciting second quarter and even bigger second half anticipated



ANW share price
up 66% YTD¹


Key announcements YTD 2016

- Funding secured to retain 100 percent of Granville Tin Project
- Lithium mineralisation Identified at Taronga and Torrington Tin Project
- Re-commissioning at Granville Commences
- High Grade Cobalt Results & New Target South of Mt Cobalt

Target milestones for H2 2016

- Commencement of operations at Granville
- Exploration at Mt Cobalt
- Progress approvals for Granville Expansion and Taronga Stage 1 Development
- Exploration for lithium/rubidium/tin at Taronga & Torrington

¹ Closing price 19 July 2016



Thank you and for further details please see us at booth# 35
Peter Williams (CEO) on (07) 3303 0611
Nicholas Mather (Executive Director) on (07) 3303 0699
www.austinmining.com.au

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