



Cash Flow + Growth + Upside

Investor Update - 1st February 2017

Important Information

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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.

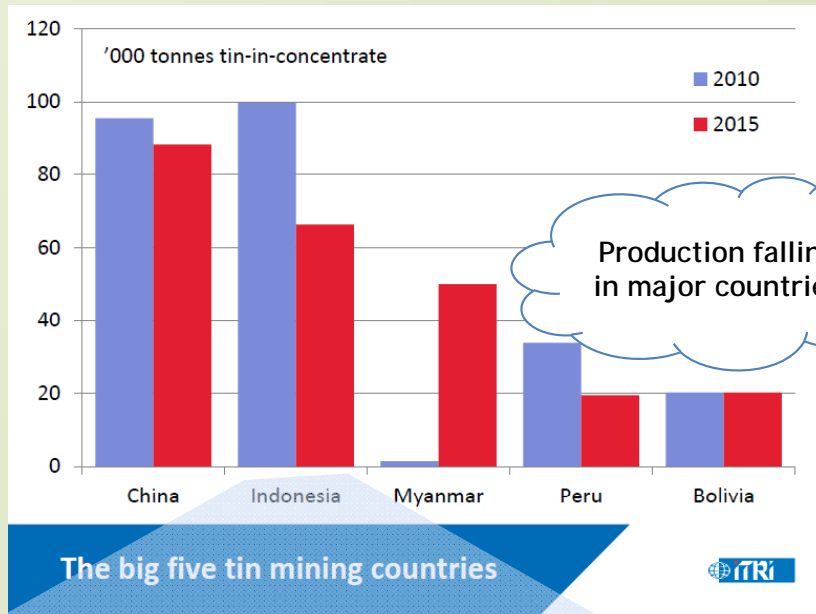
Tin & Cobalt - two of the hottest commodities in 2016....

- Both metals experiencing concerns over sustainability of supply side
- Both metals linked to burgeoning energy markets



Source: www.tradingeconomics.com

Tin - major tin producing countries struggling to maintain supply



2016 Top 10 Refined Tin Producers

Refined tin production (tonnes)

Order	Company	2016	YOY Change (%)
1	Yunnan Tin (China)	76,000	0.7%
2	Malaysia Smelting Corp (Malaysia)	26,802	-11.3%
3	PT Timah (Indonesia)	23,756	-13.4%
4	Yunnan Chengfeng (China)	20,100	21.1%
5	Minsur* (Peru)	19,583	-3.2%
6	EM Vinto (Bolivia)	13,111	8.3%
7	Thaisarco (Thailand)	11,088	5.6%
8	Guangxi China Tin (China)	10,984	-1.0%
9	Metallo Chimique (Belgium)	8,541	-3.6%
10	Yunnan Tin (China)	8,200	-25.5%

Major producers delivering less

*I.T.R.I. Final figures may vary
*I.T.R.I.'s Brazilian subsidiary, Taboca

Source: ITRI, September 2016



Home > Business > Myanmar mine that rattled global tin market faces sharp decline in production

Myanmar mine that rattled global tin market faces sharp decline in production

The rise of Man Maw underscores the challenges faced by Suu Kyi, who tries to shore up budget revenue a
armed gro

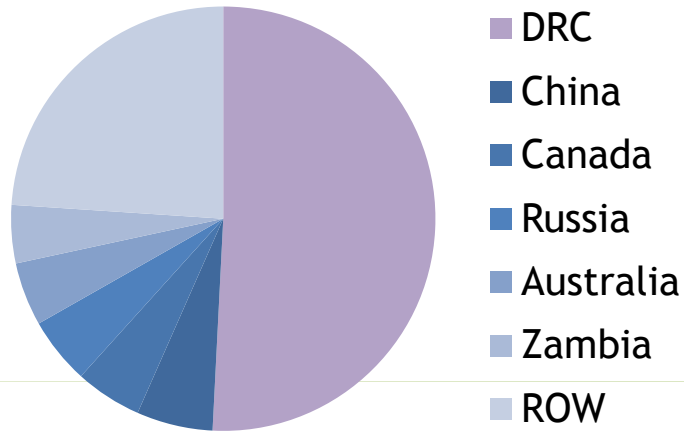
"[Man Maw] may be depleted in two-to-three years"

Myanmar could fall from its perch as one of the biggest producers of tin in the world as quickly as it got there.

Staff reporter | 20 Oct 2016 | 8:43 | News

Cobalt supply chain is vulnerable to Democratic Republic of Congo (DRC)

Cobalt Production



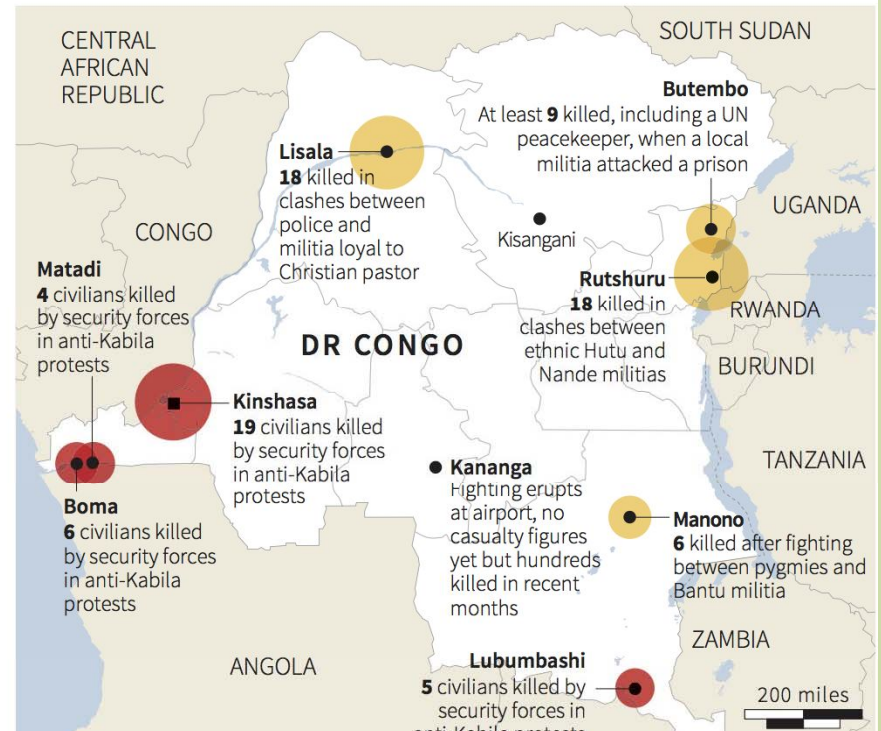
Congo violence

Dozens of people have been killed in violent anti-gov't protests and clashes between militia groups this week, when President Joseph Kabila remained in office despite finishing his mandate.

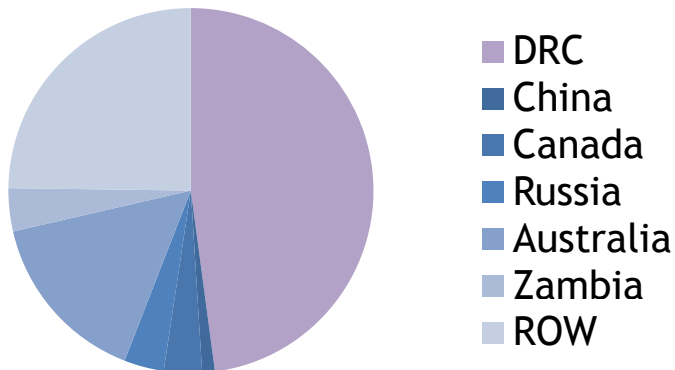
- Death toll from protests on Dec. 20
- Recent militia violence



Sources: Human Rights Watch; local Cabrera, 22/12/2016



Cobalt Reserves



Source: USGS, January 2017

CHILD LABOR

Apple and Microsoft Linked To Child Labor in Cobalt Supply Chains


Claire Groden
Jan 19, 2016




Big tech companies including Apple, Microsoft, and Samsung may be using materials extracted through child labor in their products, according to a new report from Amnesty International and African Resources Watch.

The report, released Thursday, traced a significant portion of the world's cobalt production to miners in the Democratic Republic of Congo, where children work alongside adults in dangerous conditions. The researchers say that a main

Tin - increasingly being linked to future energy applications

High-end lead acid battery uses favour tin 




Start-Stop vehicles

Regenerative braking

Only tin batteries have high performance

Source: ITRI,
September
2016

ITRI promoting new fuel catalyst R&D 



Tin fuel catalysts reduce fuel and emissions

Solar start-ups launching tin technology now 

New cheap tin perovskite technology takes off




Year	Silicon	Thin-film (CdTe, CIGS)	Perovskites
1970	~10%	~0%	0%
1980	~15%	~5%	0%
1990	~18%	~8%	0%
2000	~20%	~10%	~5%
2010	~20%	~12%	~15%
2020	~20%	~13%	20.1%

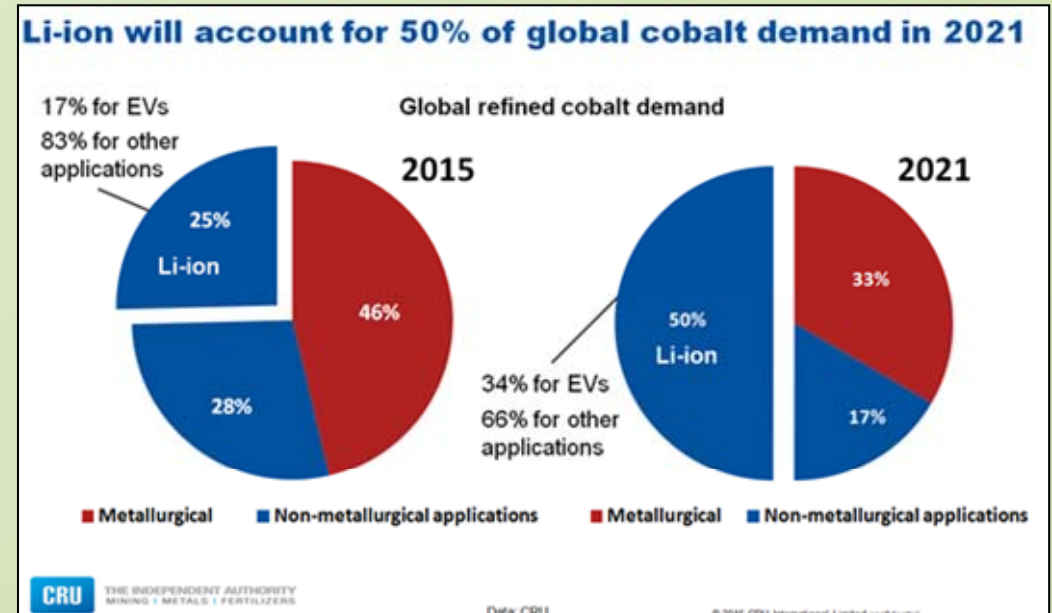
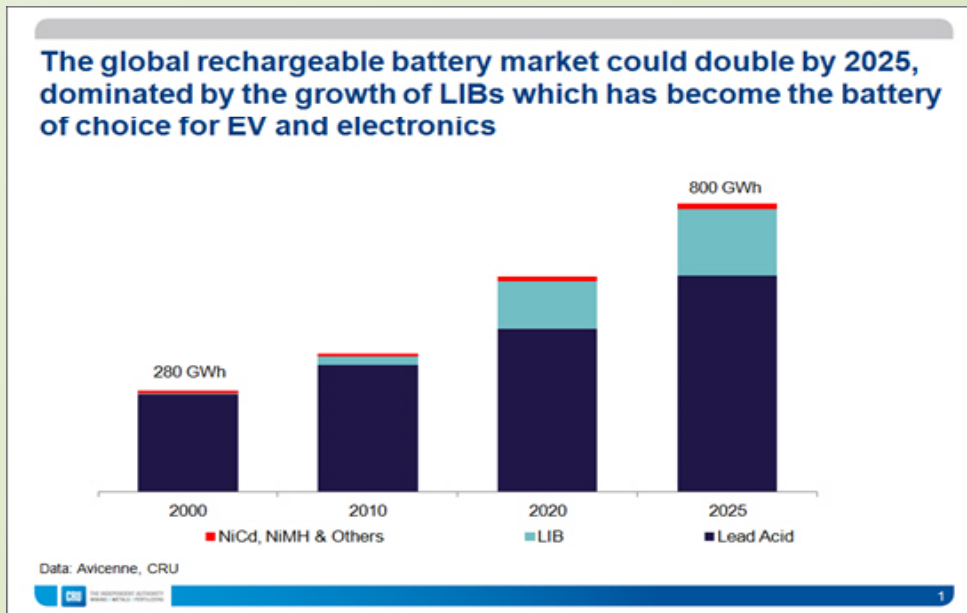
New applications will stretch supply chain further driving up prices

OCTOBER 20, 2016

New perovskite solar cell design could outperform existing commercial technologies, Stanford and Oxford scientists report

Researchers have created a new type of solar cell that replaces silicon with a crystal called perovskite. This design converts sunlight to electricity at efficiencies similar to current technology but at much lower cost.

Cobalt - critical component in rechargeable lithium ion batteries (LIBs)



Source: CRU, September 2016

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

Cathode material	Cathode metal content %					Approx cost (USD per kWh)				Total
	Ni	Co	Mn	Li	Other	Ni	Co	Mn	Li	
Lithium Cobalt Oxide (LCO)		60%		7%	33%		30.8		5.4	
Lithium Manganese Oxide (LMO)			61%	4%	35%			2.2	2.9	
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

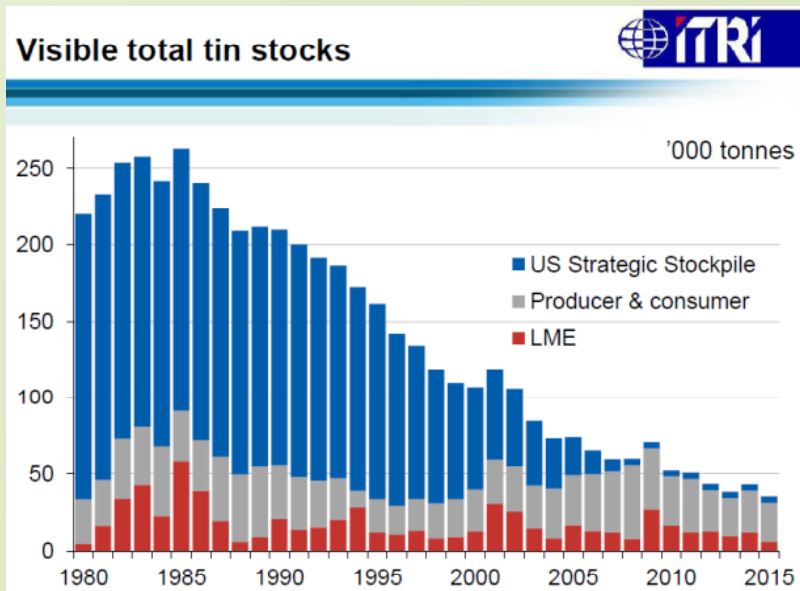
Cobalt has higher value in LIBs compared with lithium

Source: Macquarie Research (Global Lithium Report dated 31 May 2016)

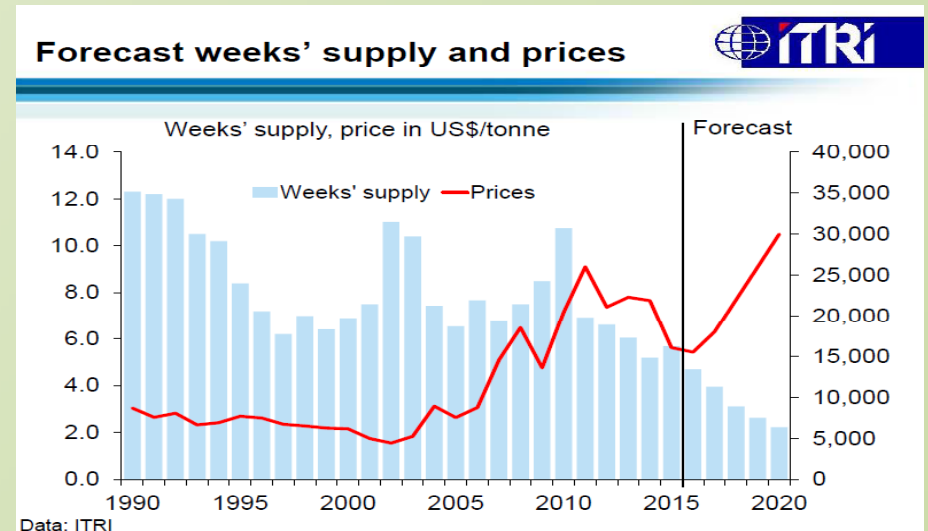
Prices for both tin and cobalt expected to rise strongly

Tin price forecast to rise on modest growth in demand and declining stock levels

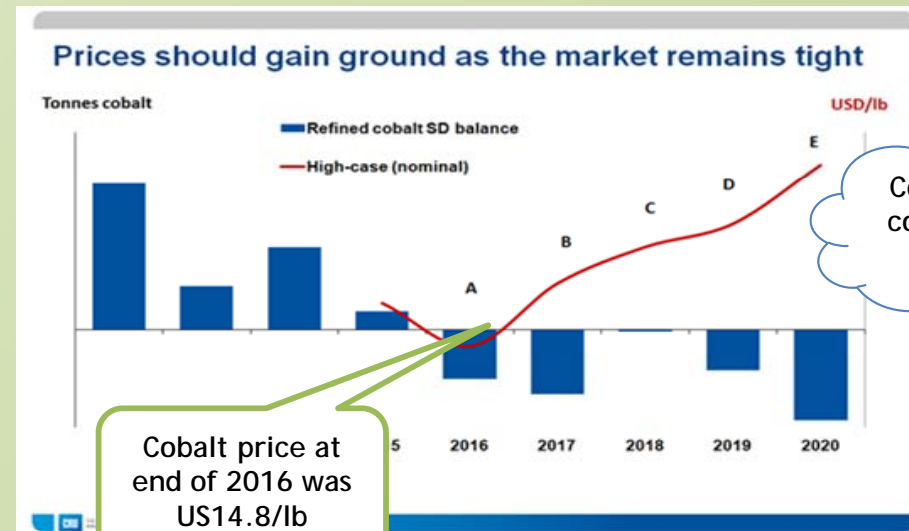
- Could “Trump Protectionism” see US Strategic Stockpiles re-built??



Cobalt price forecast to rise with increased demand and on-going supply deficits



Source: ITRI, September 2016



Source: CRU, September 2016

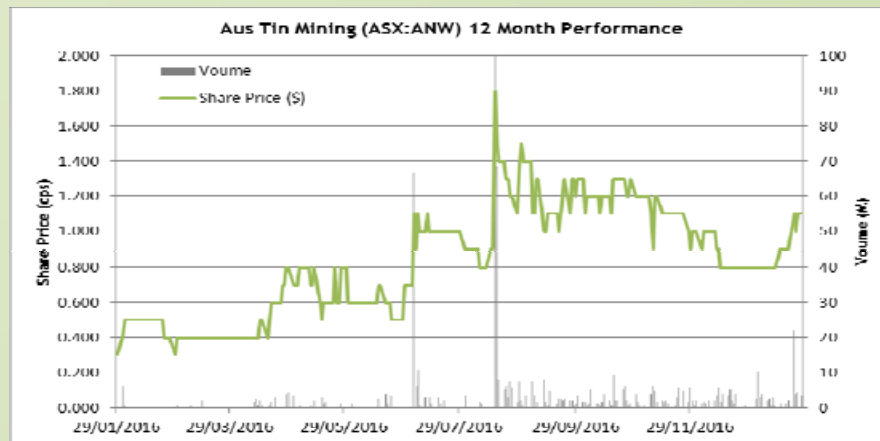
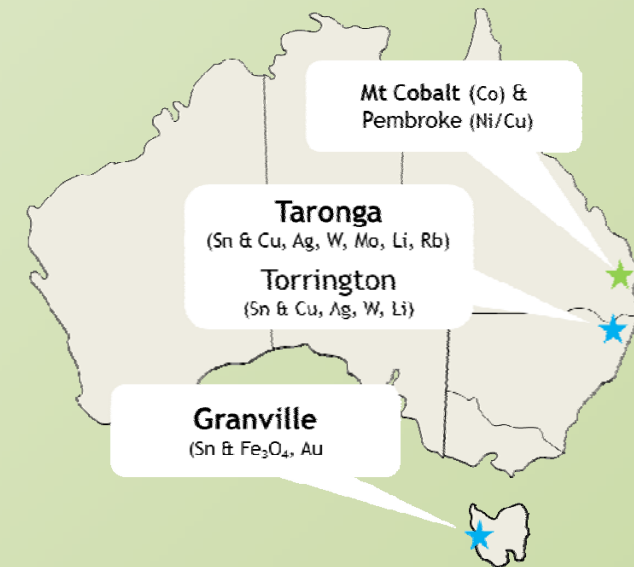
Aus Tin Mining (ASX:ANW) provides investors exposure to tin & cobalt

Our Vision - *“To become a major Australian tin producer & become the tin stock of choice on the ASX”.*

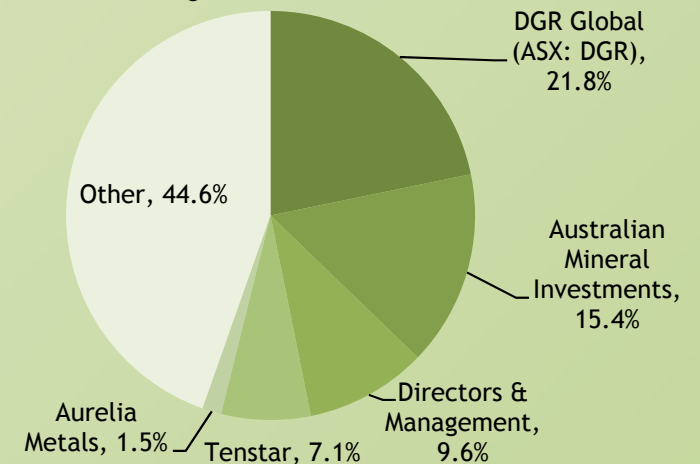
Our Plan: *To focus on Cash flow, Growth & Upside*

ASX Ticker	ANW
Market Capitalisation	\$16.6M (at 1.0cps)
12 Month Range	0.3 cps - 2.1cps
Capital Structure	1,657M shares and 314M options (2cps)
Cash	\$0.47M
Board	Brian Moller (Chairman), Nick Mather (Exec), John Bovard, (Non-Exec), Richard Willson (Non-Exec)
Management	Peter Williams (CEO), Karl Schlobohm (Co Sec)

Aus Tin Mining’s Production, Development & Exploration Projects



Major Shareholders



Granville Tin Project - cash flow to fund project pipeline



Final tin concentrate (26/10/16 - approx. 65%Sn)

Granville Tin Project located 20km north of Zeehan, west coast of Tasmania

Production recommenced in August 2016

- Re-treatment of tailings (circa 1.0%Sn)
- Transitioning to Run of Mine (ROM) ore to equivalent 550tpa of tin in concentrate

Granville expansion (progressing regulatory approvals)

- Resumption of mining in high grade open cut (magnetite/cassiterite skarn up to 4.18%Sn¹)
- Targeting 550tpa tin in concentrate at second quartile cash cost of circa US\$12,000/t

Significant potential to extend the Life of Mine

- Drill likely extension down dip of skarn mineralisation
- Exploration targets within existing Mining Lease
- Over 100 tin prospects within 25km radius of the processing plant

Taronga Tin remains the flagship project

- Taronga Tin Project located 45km north of Glen Innes in northern NSW
- Taronga Tin Project owned 100% by ANW
- Extensive exploration history, including BHP and Newmont
- Large Mineral Resource of 57,200t contained tin plus 26kt contained copper and 4.4Moz contained silver
- 2014 Pre-Feasibility Study¹ reported at time of release:
 - 23Mt of Probable Ore Reserves² supporting a 9 Year Life of Mine producing 2,800tpa tin in concentrate²
 - Technical risk is low with open cut mining and simple metallurgy
 - All inclusive cash cost A\$22,200/t² (current price circa US\$26,700/t)



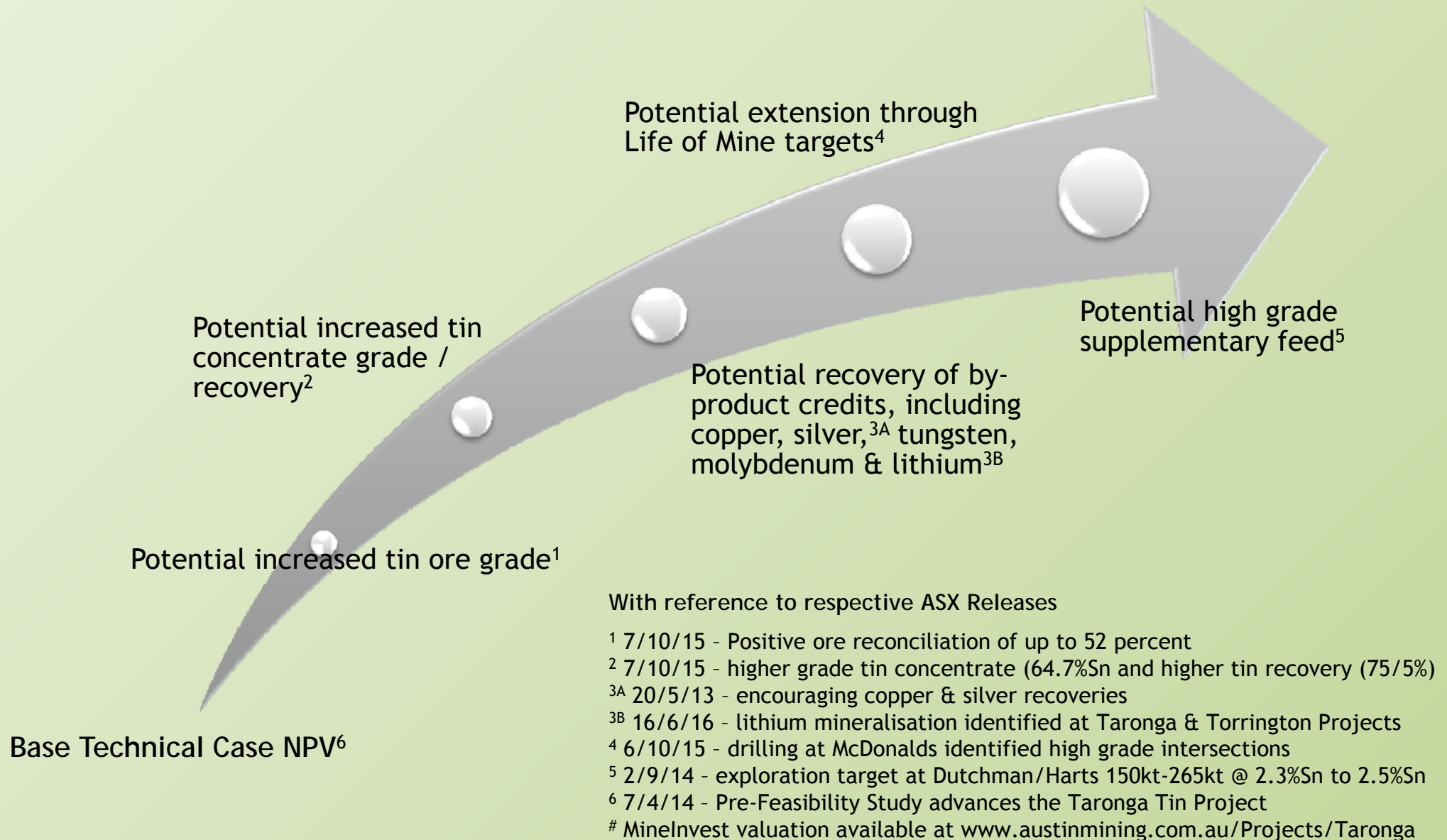
Schematic of Taronga life of mine pit shells and associated infrastructure

¹ Refer ASX announcement dated 7th April 2014

² Ore Reserves, production and cost data has not been updated since the PFS

Recent independent valuation highlights potential value upside[#]

[#] MineInvest valuation available at www.austinmining.com.au/Projects/Taronga



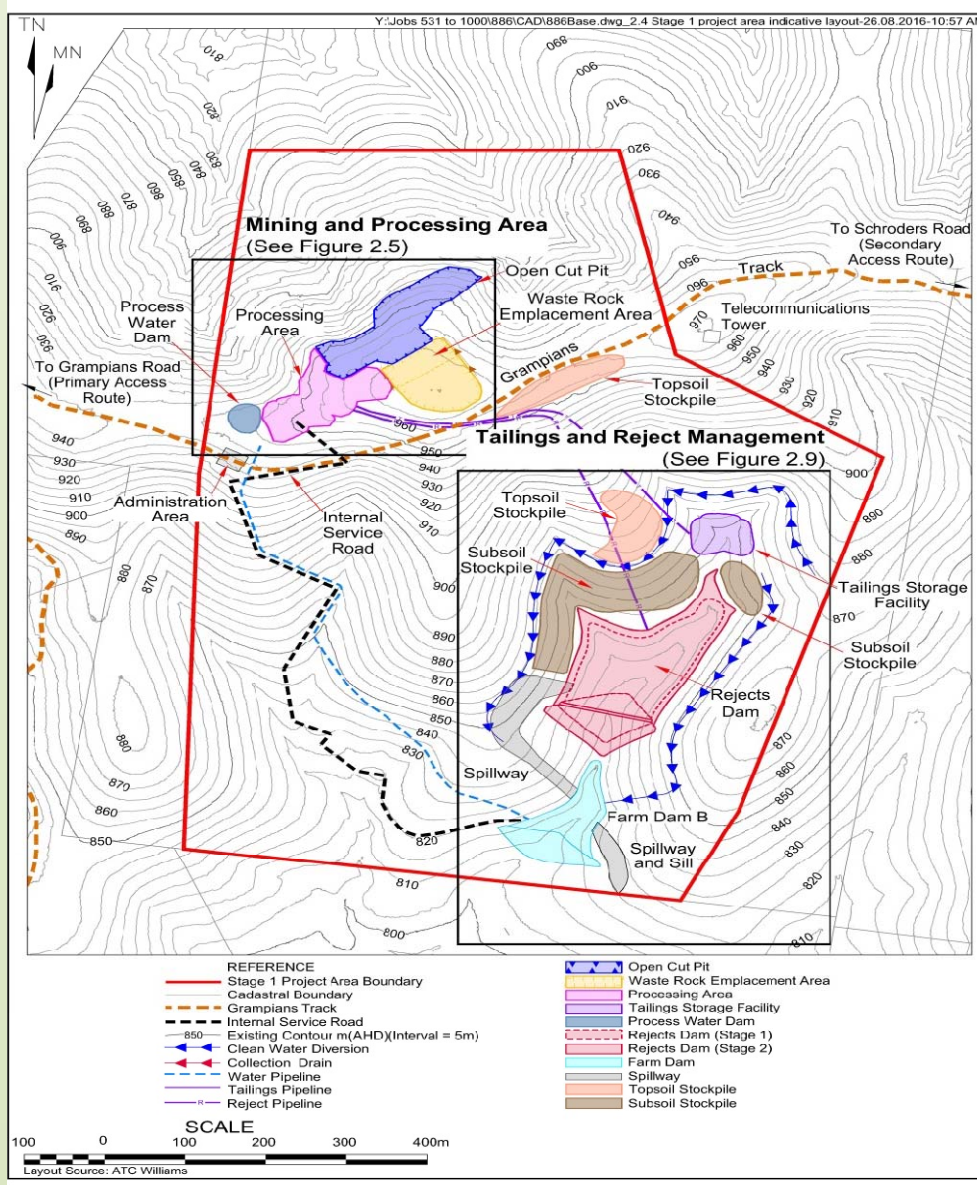
Low CAPEX Taronga Stage 1 Development will be ANW's second tin operation

Taronga Stage 1 Development to test Taronga upside on large scale¹

- Proposed trial mine (340kt @ 0.23%Sn) from within Northern Zone (which accounts for 70 percent of the total Mineral Resource)
- On-site processing to produce premium grade concentrate
- Targeting low CAPEX (circa \$2.5M) with opportunity for reduction through surplus Granville equipment

Opportunity to test areas of upside identified during PFS

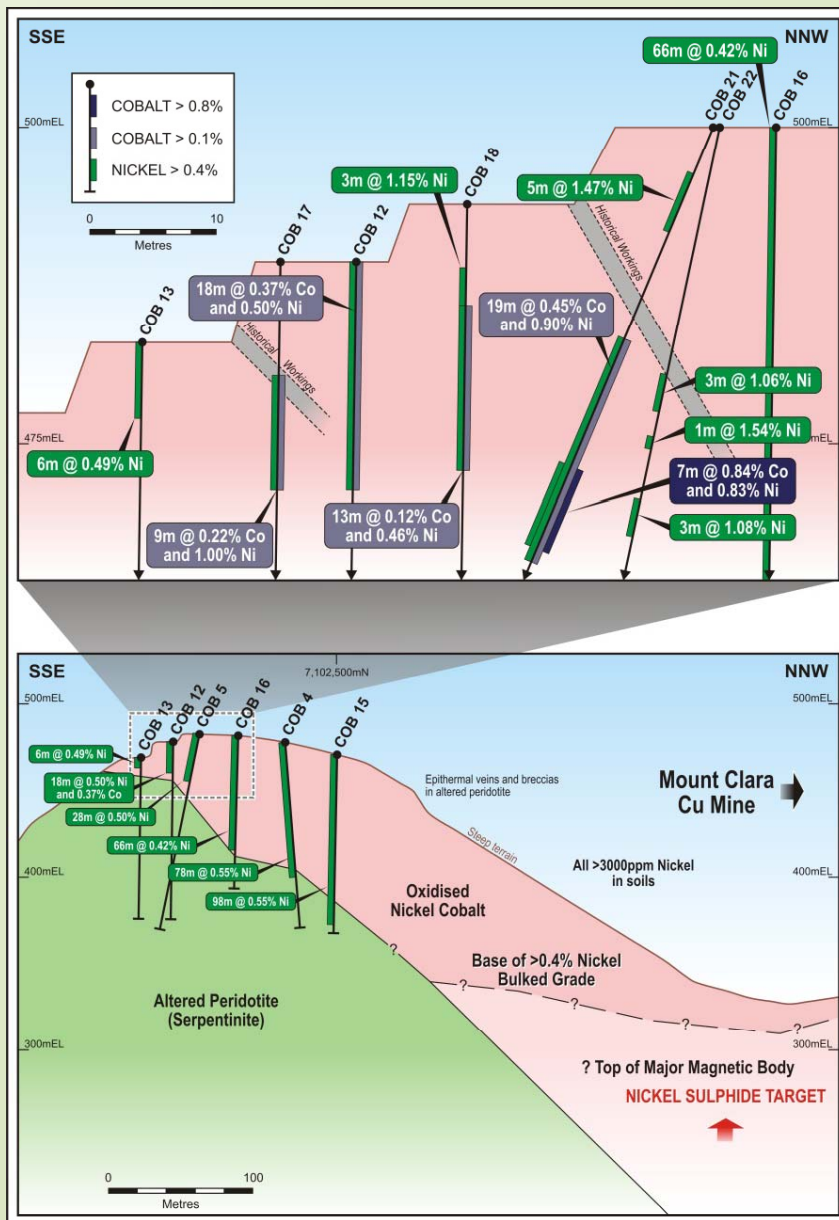
Environmental Impact Statement almost complete and Development Application to be submitted early 2017



Site layout for the Taronga Stage 1 Project

¹ Refer ASX announcement dated 15th April 2015

Upside: Mt Cobalt X-Factor



Review of historical records and recent field reconnaissance resulted in 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
- Mapping of shear zone extends overall target to 800m

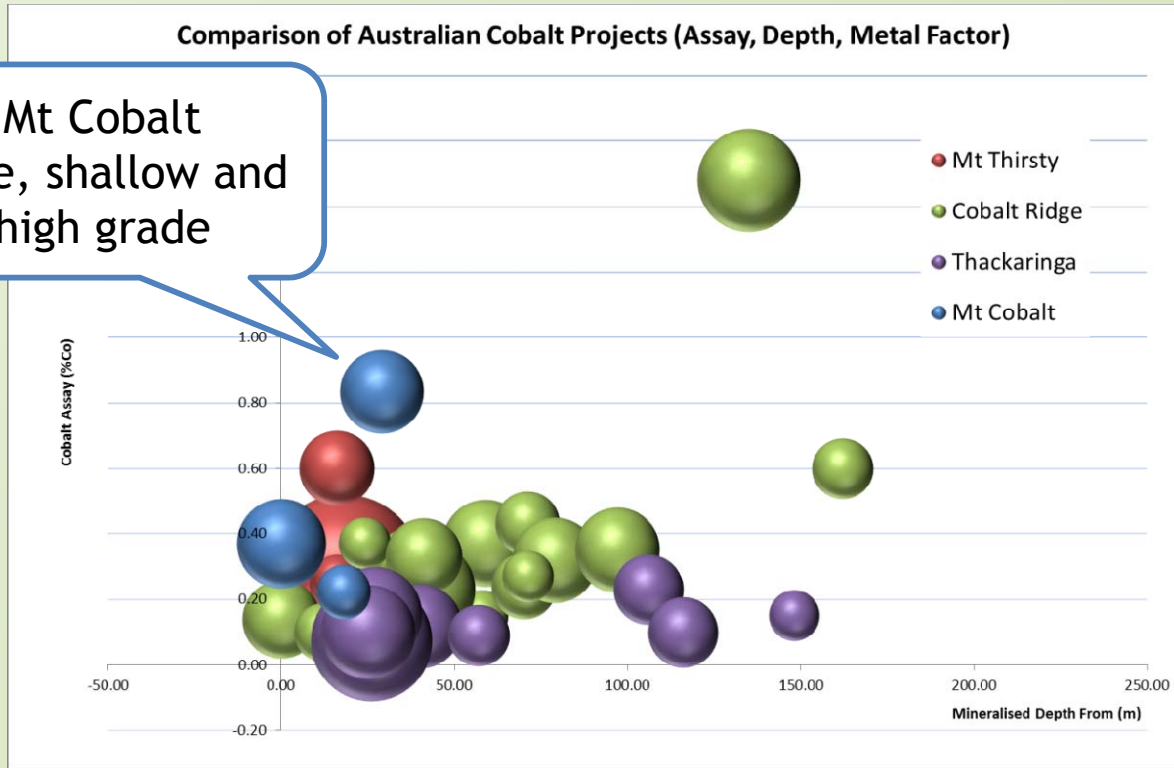
Nine hole Reverse Circulation (RC) drill program completed confirming down-dip extensions to historic workings and cross-shears, best result being 7m @ 0.84%Co & 0.83%Ni from 29m¹

¹ Refer ASX Announcement dated 23rd November 2016

Drill results compare favourably with other Australian cobalt projects¹

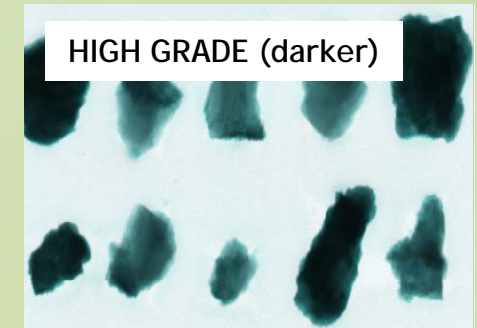
Comparison of Australian Cobalt Projects (Assay, Depth, Metal Factor)

Mt Cobalt wide, shallow and high grade



Proposed work for 2017 includes:

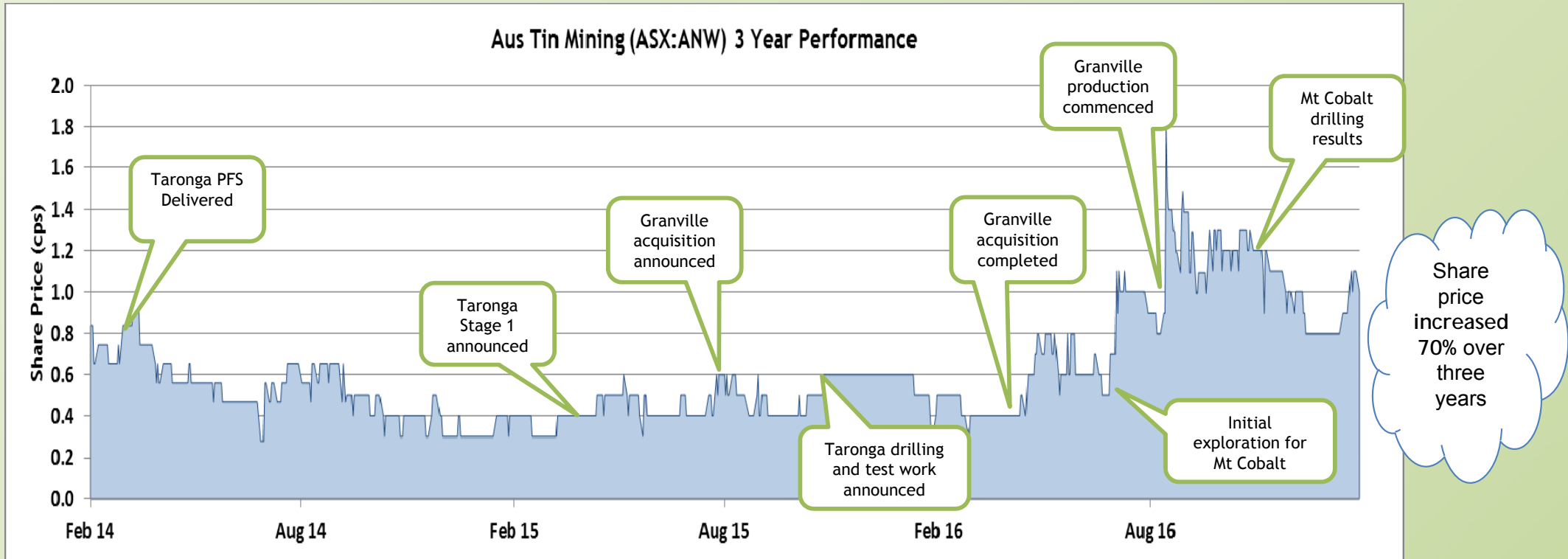
- Additional drilling along strike
- On-going metallurgical test work incorporating ore beneficiation and reductive leach



¹ Cobalt assays as reported; Depth from which interval reported commencing from; Metal Factor is %Co x interval length in metres, and filtered for intervals greater than 2; Source data Mt Thirsty Information Memorandum; Broken Hill Prospecting Quarterly Report 23/7/12; Corazon Mining Presentation 24/8/16 & ASX release 16/1/17

Initial test work indicates Mt Cobalt material maybe amenable to ore sorting (photos ex Tomra)

Market has responded well to ANW's strategy of cash flow-growth-upside



Over last three year ANW has achieved the following:

- 70% increase in share price (+150% in last 12 months)
- Four times increase in market capitalisation
- Average daily turnover of 2.6M shares

Source: www.shareinvesting.anz.com as at 30/01/17

Five reasons to invest in Aus Tin Mining (ASX:ANW)

1. Leverage to rising tin price and rising cobalt price
2. Near term cash flow from Granville to fund development & exploration
3. Development at Taronga to test potential value upside
4. Exploration at Mt Cobalt focussed on a wide, shallow & high grade target
5. Rising share price and increased trading volumes to be supported by active work program, including
 - Ramp-up of tin production with Granville Expansion
 - Development Application for Taronga Stage 1 Development
 - Exploration at Mt Cobalt (cobalt / nickel) and Torrington (tin, lithium and tungsten)