

## Australia's next lithium producer?

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Annual General Meeting Presentation – 23 May 2017





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# Corporate Overview



ASX/JSE Code	TAW
Issued Shares*	418M
Options Issued (Exc \$0.035 - \$0.30)	22.9M
Cash (as at 31 March '17) **	~A\$3.1m
Market Capitalisation (\$A0.25c) (as at 17 May '17)	A\$104.5m

\*24, 100,000 shares to be issued after 6 June 2017 subject to shareholder approval

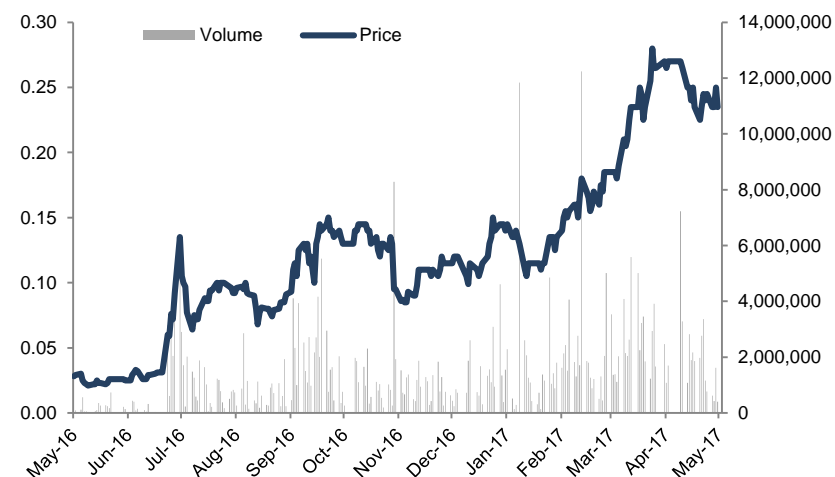
\*\* Subsequent to 31 March 2017:

- 1) \$15m Capital Raising 27/04/17. Tranche 2 subject to shareholder approval at Company General Meeting (06/06/17) and \$3.75m from a prepayment for offtake agreement 26/04/2017.
- 2) A further \$8.75m prepayment to be received in two instalments on 15/06/2017 and 15/09/2017 respectively.

Major Shareholders (as at 17 May 2017)*	%
Merriwee Pty Ltd	10.72%
Corporate & Resource Consultants	9.66%
Chalmsbury Nominees	6.67%
Australian Institutions	24.44%
Top 10	48.87%
Top 20	63.92%

\*These percentages do not include Tranche 2 but will increase, subject to shareholder approval at Company General Meeting (06/06/17)

## 12 Month Share Price Performance



## Board & Management

### Rob Benussi *Non-Executive Chairman*

- Extensive experience in Finance, Corporate Advisory, Stockbroking and Business Development.



### Mark Calderwood *Managing Director*

- CP Member AusIMM
- 30 years mineral exploration inc.+5yrs in pegmatite minerals
- Co-Author of "Pegmatites of Western Australia"



### Michael Naylor *Executive Director, CFO & Co. Sec.*

- Chartered accountant
- 20 years in corporate advisory & company management



# Bald Hill Lithium / Tantalum Project, Western Australia

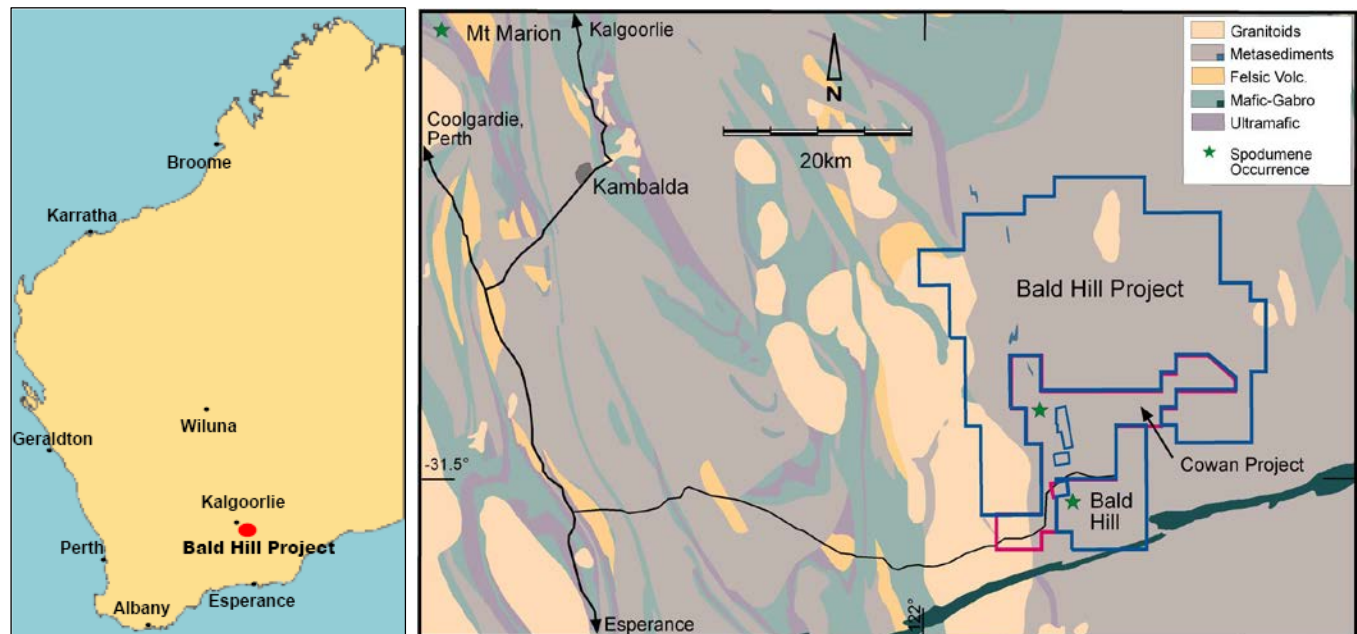


## Ownership

Bald Hill Mine comprises 4 Mining Leases and 16 ELs and PLs totalling 791.3km<sup>2</sup> located 50km south east of Kambalda, WA. Owned 100% by Australian-incorporated, SGX-Listed Alliance Mineral Assets Limited.

- Aiming for first shipment in Q1 2018.
- Tawana earning 50% of lithium rights through expenditure of A\$7.5M on exploration/feasibility – **circa A\$6M spent** (as at 30 April 2017).
- Tawana to earn 50% of tantalum rights and existing plant and infrastructure by expenditure of A\$12.5M on lithium/tantalum or infrastructure capital - **circa A\$4.5M committed to date**.
- Subsequent funding and proceeds shared equally between JV parties.
- Hong Kong-listed Burwill Holdings Ltd has offtake over 100% of lithium concentrates.
- 3 prepayments totalling \$25M, due:
  - A\$7.5M on signing - **Paid**
  - A\$8.75M on 15 July 2017
  - A\$8.75M on 15 Sept 2017

Bald Hill Lithium / Tantalum Project location





## Production Strategy

### Speed to Market

- Granted mining leases – brownfields project
- Permitting well-advanced
- Long lead items ordered; construction about to commence
- Construction is funded

### Low Capex / Opex

- Stage 1 - Simple Process
- Excellent recovery at 10mm crush size
- Existing infrastructure including tantalum plant
- Significant tantalum by-product

### Low Risk

- Bespoke DMS
- Premium concentrate
- 2-year 100% offtake with significant prepayment
- Debt free, high IRR
- Location



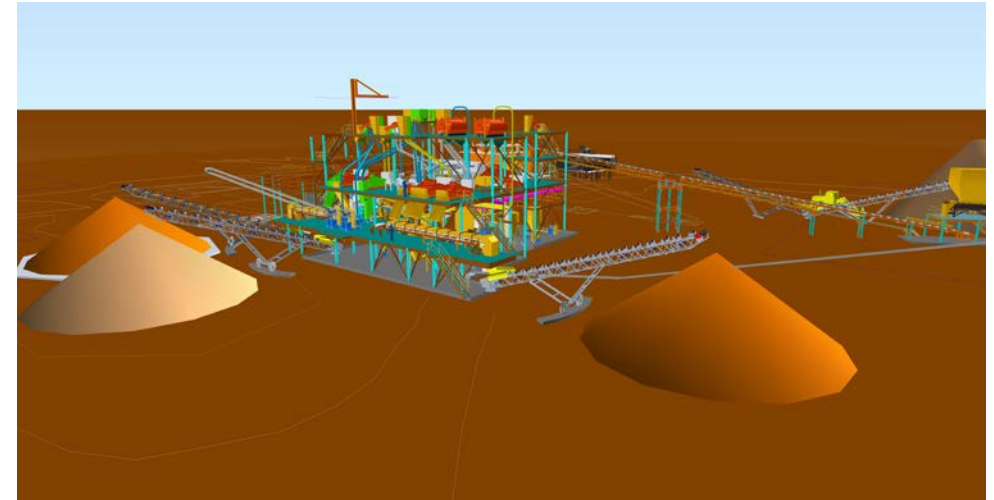


# Bald Hill Lithium Production Strategy

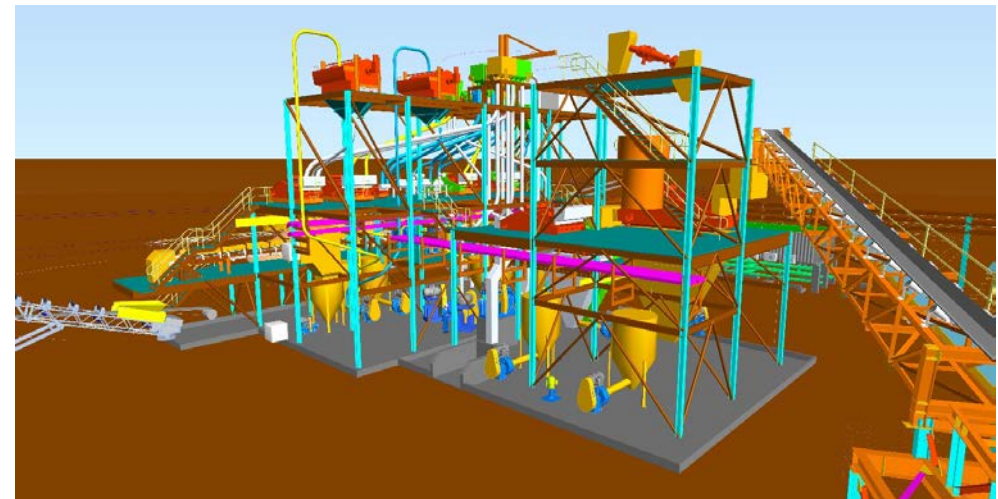


## Low Capex

- Contract mining
- Contract crushing
- Stage One 1.2Mtpa DMS circuit for spodumene
- Minimal upgrade to tantalum plant
- Limited additional preproduction infrastructure required
- Limited mining pre-strip required



View of the 3-D model of plant and infrastructure

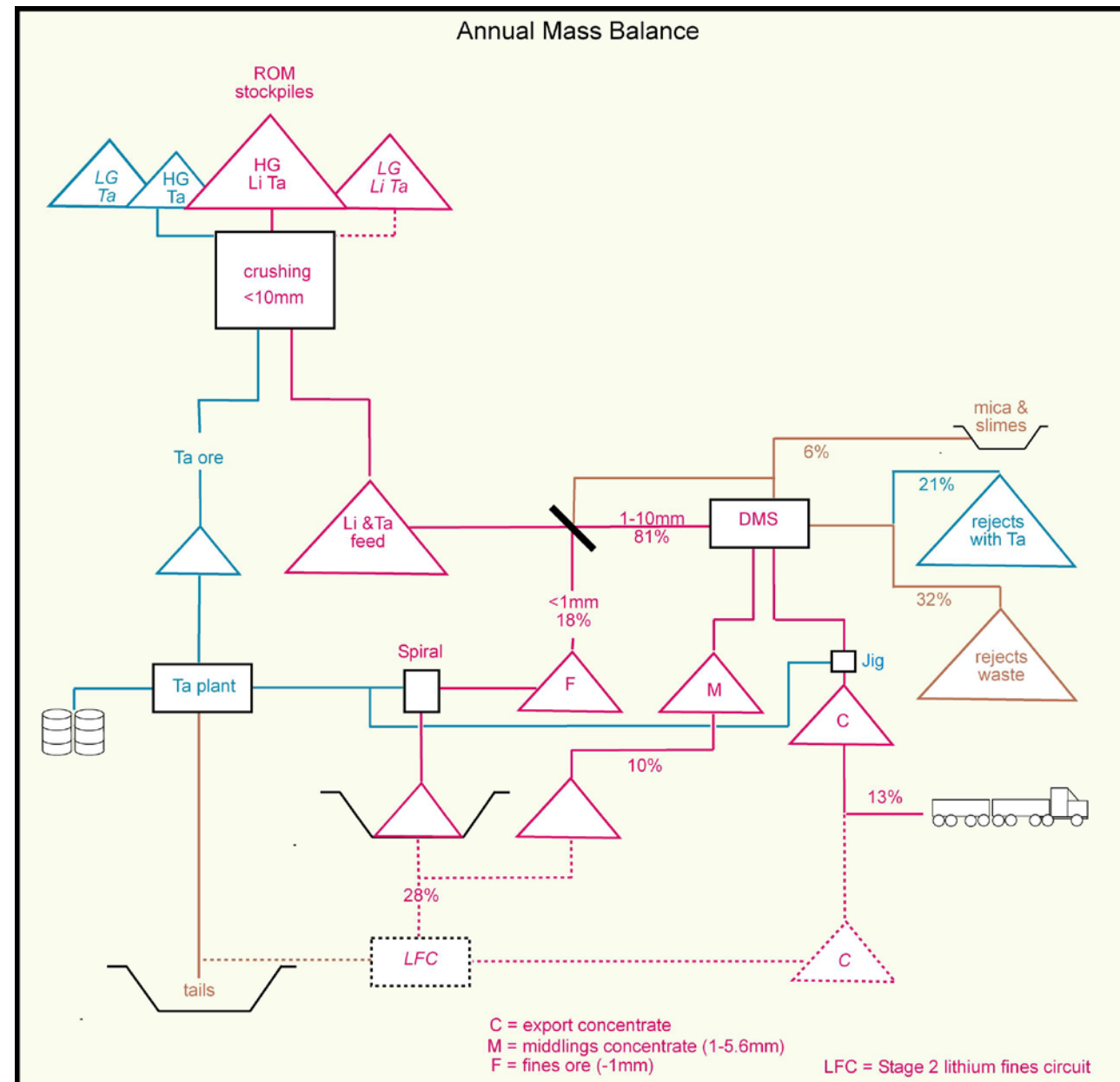


Main DMS Processing Plant

# Project Upside



- Stage 1 results in 28% of feed with 27% of contained lithium stockpiled from crusher fines and middling concentrates.
- Stage 2 anticipated 9-12 months after stage 1, expected to increase recovery from 62% to 81% without additional mining or crushing.
- A second DMS to treat low grade or additional high grade.
- Tantalum production could be lifted significantly. Bald Hill tantalum concentrates sought after, due to grade and low radioactivity.



# Bald Hill Exploration



- +400 holes drilled in 2017 for 50,000m
- Initial Resource imminent
- 5 rigs on site, rapid growth of mineralised footprint
- Main target area 3km by 2km
- 15% drilled to date; mineralisation widespread

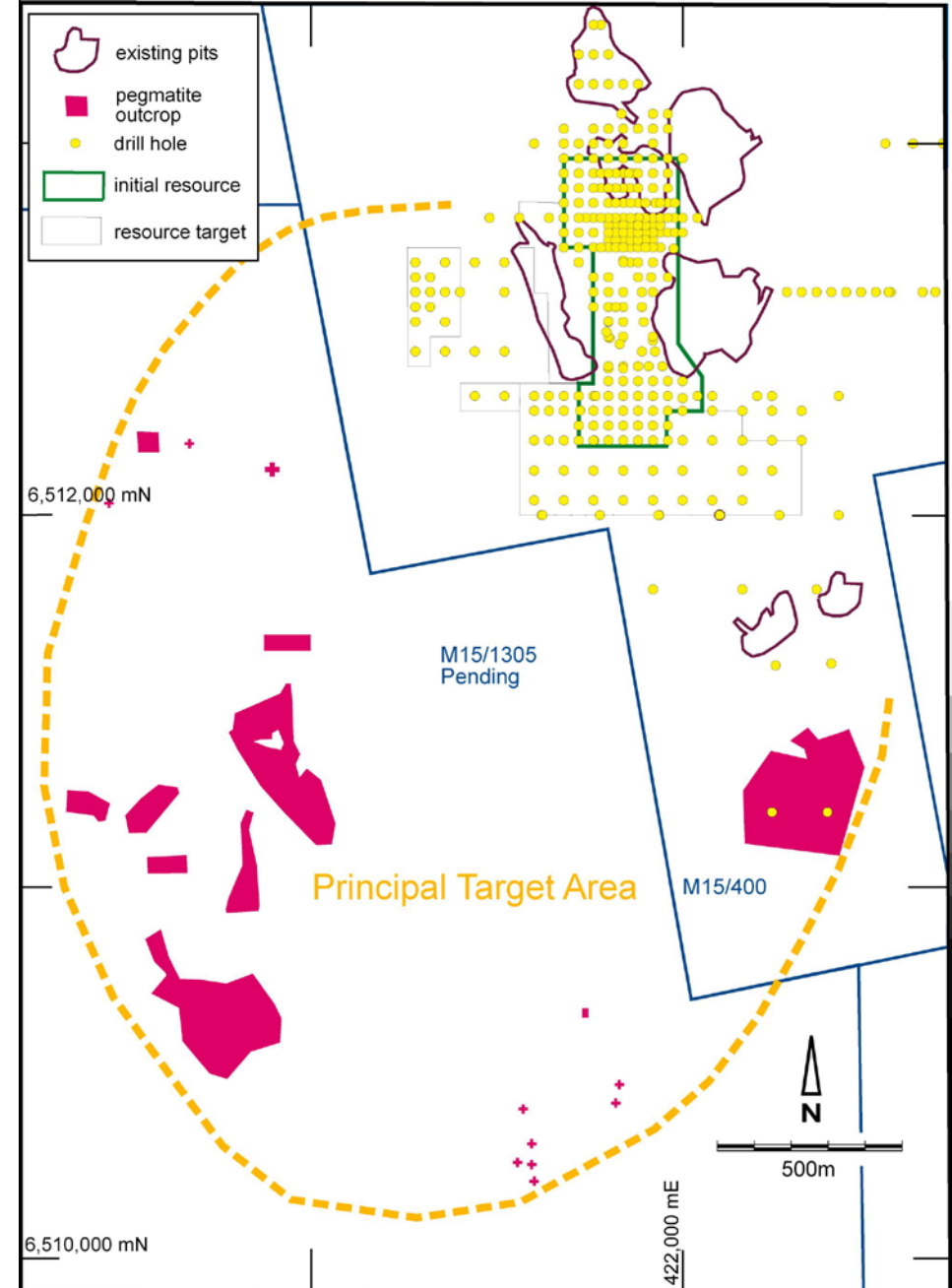
## Resource Targets<sup>1</sup>

- July 2017 - 20Mt-30Mt at 0.9-1.4%  $\text{Li}_2\text{O}$  and/or 300ppm  $\text{Ta}_2\text{O}_5$
- December 2017 - 30Mt-50Mt at 0.9-1.4%  $\text{Li}_2\text{O}$  and/or 300ppm  $\text{Ta}_2\text{O}_5$

## Notes

<sup>1</sup>: This exploration target is not a mineral resource and it is uncertain if further exploration will result in the determination of a mineral resource.

Tawana has identified a number of Exploration Targets at Bald Hill. In the Table a range of approximate tonnage and grade has been compiled from recent drilling results, an extensive review of historic reports and studies, mapping and geochemistry. The potential quantity and grade of the Exploration Targets is conceptual in nature, there has been insufficient exploration to estimate a Mineral Resource, and it is uncertain if further exploration will result in the estimation of a Mineral Resource. The basis for the approximate estimates of tonnage and grade include current drilling, historic production records, various topographic and volume surveys, drilling by various methods, grab and channel sampling and small scale bulk sampling. Tawana proposes to further evaluate the Exploration Targets during 2017 by drilling at a rate of about 12,500m per month.





# Summary – Unique Lithium Project



- Bald Hill focused on mining and construction in 2017 and concentrate shipping in Q1 2018
- Lowest Capex of any stand-alone project nearing production.
- Will commence with simple DMS on 1-10mm feed; initially no need to grind or use flotation.
- Will produce a top-quality coarse spodumene concentrate with no petalite, no lepidolite and low mica.
- Will be WA's highest grade tantalum mine and one of the top producers in the world.
- Large tenement area with extraordinary number of LCT pegmatites; years of drilling ahead.
- Noted for high-grade zoning of spodumene and tantalum.





## We Are Targeting:

- Mining & Construction 2017; shipping Q1 2018
- Top quality spodumene concentrate
- Significant tantalum by-product production
- Lowest Capex (of stand alone mines)
- High Project Internal Rate of Return (IRR) (<1yr payback)
- Significant Resource potential



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## Contact Details

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ASX:TAW



## Notes

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**Competent Persons Statement** The information in this news release that relates to Exploration Results is based on and fairly represents information and supporting documentation compiled by Mr Mark Calderwood and Mr Gareth Reynolds, both employees of Tawana Resources NL ("Tawana"). Mr Calderwood is a member of The Australasian Institute of Mining and Metallurgy and Mr Reynolds is a member of the Australian Institute of Geoscientists. Mr Calderwood and Mr Reynolds have sufficient experience relevant to the style of mineralisation under consideration and to the activity which they are undertaking to qualify as a Competent Person as defined in the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Calderwood and Mr Reynolds consent to the inclusion in this report of the matters based on their information in the form and context in which it appears.

**Metallurgy** The information in this release that relates to metallurgy and metallurgical test work has been reviewed by Mr Noel O'Brien, FAusIMM, MBA, B. Met Eng. Mr O'Brien is not an employee of Tawana, but is employed as a contract consultant. Mr O'Brien is a Fellow of the Australasian Institute of Mining and Metallurgy, and he has sufficient experience with the style of processing response and type of deposit under consideration, and to the activities undertaken, to qualify as a competent person as defined in the 2012 edition of the "Australian Code for the Reporting of Exploration Results, Mineral Resources and Ore Reserves" (The JORC Code). Mr O'Brien consents to the inclusion in this report of the contained technical information in the form and context as it appears.

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