

Technology and Low Emission Minerals Conference Presentation - November 2018





The information contained in this presentation has been prepared by Tawana Resources NL (Tawana). This presentation is not an offer, invitation, solicitation or other recommendation with respect to the subscription for, purchase or sale of any securities in Tawana. This presentation has been made available for information purposes only and does not constitute a prospectus, short form prospectus, profile statement or offer information statement. This presentation is not subject to the disclosure requirements affecting disclosure documents under Chapter 6D of the Corporations Act.

This presentation may contain certain forward looking statements and projections, including regarding estimated resources and reserves, production and operating costs profiles, capital requirements and strategies and corporate objectives. Such forward looking statements/projections are estimates for discussion purposes only and should not be relied upon as representation or warranty, express or implied of Tawana. They are not guarantees of future performance and involve known and unknown risks, uncertainties and other factors many of which are beyond the control of Tawana. The forward looking statements/projections are inherently uncertain and may therefore differ materially from results ultimately achieved.

Tawana does not make any representations and provide no warranties concerning the accuracy of the forward looking statements, and disclaim any obligation to update or revise any forward looking statements based on new information, future events or otherwise, except to the extent required by applicable laws. While the information contained in this presentation has been prepared in good faith, neither Tawana, nor any of its directors, officers, agents, employees or advisors give any representation or warranty, express or implied, as to the fairness, accuracy, completeness or correctness of the information, opinions and conclusions contained in this presentation. Accordingly, to the maximum extent permitted by law, neither Tawana, nor any of its directors, officers, employees, agents or advisers, nor any other person accepts any liability whether direct or indirect, express or limited, contractual, tortious, statutory or otherwise, in respect of the accuracy or completeness of the information or for any of the opinions contained in this presentation or for any errors, omissions or misstatements or for any loss, howsoever arising, from the use of this presentation.

Tawana does not provide any financial or investment 'advice' as that term is defined in the South African Financial Advisory and Intermediary Services Act, 37 of 2002, and we strongly recommend that you seek professional advice.

Notes

All figures throughout this presentation regarding the Project are, unless expressly stated otherwise, presented on a 100% of Project basis. Tawana, through its 100% owned subsidiary Lithco No. 2 Pty Ltd owns a 50% interest in the Project comprising the Bald Hill tenements, the processing plant and infrastructure at Bald Hill, and all minerals from the Bald Hill tenements under the terms of the Bald Hill Joint Venture Agreement. Refer to announcement of 24 October 2017.

All material assumptions and technical parameters underpinning the Mineral Resource and Mineral Reserve estimates in the ASX announcement dated 6 June 2018 continue to apply and have not materially changed since it was last reported.



Corporate	
Track record of fast growth	Fast tracked to lithium production – under 16 months to production.
Experienced Mgt team & board	Strong senior leadership team with proven track record of creating shareholder value.
Merger to create sizeable producer	Proposed merger of Bald Hill JV partners Tawana and Alliance to create a sizeable producer of quality lithium concentrate.
Bald Hill Lithium & Tantalum Mine	
Premium lithium product	Top quality +1mm spodumene concentrate (low mica, low iron).
Premium tantalum product	Premium tantalum concentrates: Exceptionally low U, Th, As, Sb.
Ramping up	Targeting 55,000t to 60,000t of spodumene concentrate between July '18 and December '18.
Increased throughput	Fines Circuit upgrade commenced: targeting throughput increase to 300tph & increased recovery.
Resource Growth Potential	Significant resource growth potential from successful step out drilling, and new areas identified.



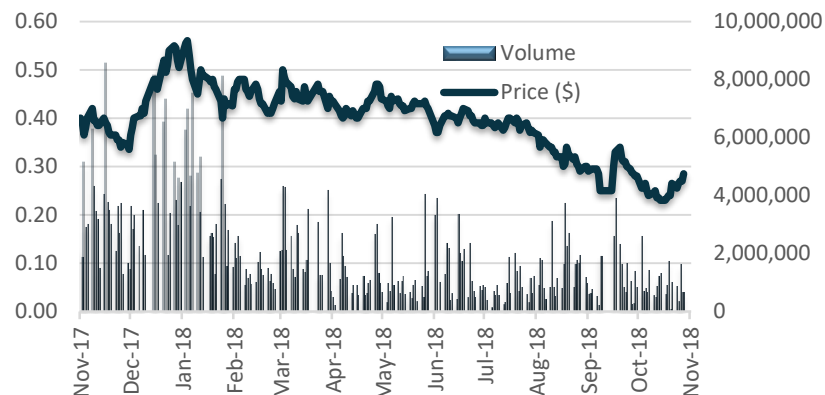
Capital Structure TAW

ASX/JSE Code	TAW
Issued Shares	578M
Options Issued (Exc \$0.06 - \$0.50)	18.7M
Cash (as at 30 September 2018)	A\$11.4M
Market Capitalisation (\$A0.28c) (as at 12 Nov '18)	A\$162M

Supportive Shareholder Base

Major Shareholders (as at 14 Sept 2018)	%
Weier Antriebe und Energietechnik GMBH	13.18%
Tribeca Investment Partners	11.03%
Merriwee Pty Ltd	5.34%
CG Nominees (Australia) Pty Ltd	4.84%
Mr Mark Calderwood	3.78%
Institutional Holders	~17%
Top 20	63%

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*

- 30 years' mineral exploration including 7+ years in pegmatite minerals
- Co-Author of "Pegmatites of Western Australia"
- CP Member AusIMM

Bob Vassie *Non-Executive Director*

- Mining Engineer with 33 years' international mining industry experience
- 18 years' experience in a range of senior management roles
- MD & CEO of St Barbara (SBM)

Mark Turner *Non-Executive Director*

- Mining Engineer with 30 years of experience in the resources sector
- Fellow AusIMM

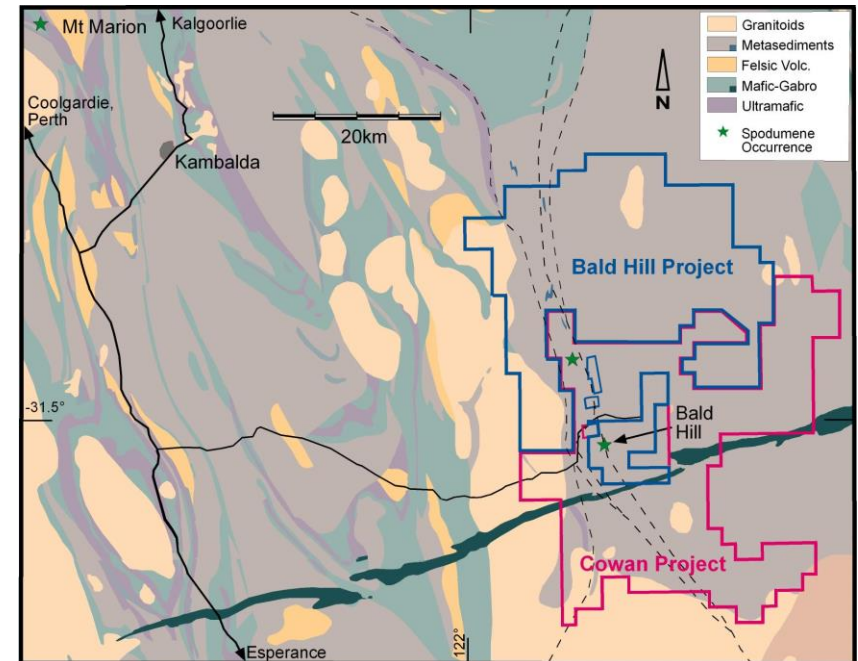
Vicki Xie *Non-Executive Director*

- 16+ years' experience in Accounting and Finance
- Experience in fund raising, acquisition and private equity investment



Bald Hill Project overview

- Tawana owns 50% of the Bald Hill Lithium and Tantalum Mine in JV with Alliance Mineral Assets Limited (SGX: 40F).
- The Bald Hill Project is located south east of Kambalda in the Eastern Goldfields of Western Australia.
- The Bald Hill Project comprises 769km².
- First Western Australian lithium mine into production since 2016 (*excluding DSO*).



Pegmatite-hosted mines, deposits & prospects South West, WA.

Source: DMIRS

Bald Hill Mine – Fast Tracked to Lithium Production



Less than 18 months from first lithium drill holes to shipment

2002-2006	Bald Hill: a hard rock tantalum mine
November 2016	First lithium drill holes
April 2017	Lithium offtake agreement signed
June 2017	Maiden Mineral Resource
July 2017	PFS & Maiden Reserve
August 2017	Dense Media Separation (DMS) plant construction commences
March 2018	Commissioning of DMS plant commences
May 2018	First lithium concentrate shipment
June 2018	1 st Reserve upgrade
July 2018	Commercial production
September 2018	First tantalum sales for JV
October 2018	Fines Circuit to increase production capacity; detailed design commences
December 2018	Anticipated Merger completion between Tawana and Alliance





Bald Hill Mine Processing – June and September Quarters

	Units	June 2018 Quarter	Sept 2018 Quarter	Movement
Processed Tonnes (Gross)	wmt	240,504	337,287	+40%
Lithium Grade	%Li ₂ O	0.79	0.82	+4%
Processed Tonnes (Net)	wmt	179,875	239,253	+33%
Lithium Feed Grade	%Li ₂ O	0.89	0.94	+6%
Spodumene Produced	wmt	17,403	28,419	+63%
Recovery (gross) <i>(including stockpiled fines)</i>	%	59%	62%	+3%
Recovery (net)	%	72%	74%	+2%
Tantalite Produced	Lbs	26,480	36,100	+36%
Throughput (Gross)	tph	172	202	+17%

- Bald Hill commercial production commenced July 2018
- Continuing to ramp up operation – targeting increased recoveries and throughput
- Pre-strip to main part of deposit advancing

Bald Hill Spodumene Concentrate – High Quality Product



- Bald Hill produces premium spodumene concentrate with low levels of deleterious elements:
 - +6% Li_2O , <0.5% Fe, <0.5% mica <1% K_2O
- Coarse concentrate suitable for improved material handling and shipping:
 - >95% +1mm, P50 of 6.3mm, <3% H_2O

Bald Hill Tantalum Concentrate – Premium Product



Historically, Bald Hill has enjoyed a reputation for its premium tantalum concentrates which can be shipped to Europe and USA.

- Latest shipment to Europe of 20,000kg containing **30.9% Ta_2O_5 , 12.1% Nb_2O_5 , 6.8% SnO_2 , 1.45% $\text{K}_2\text{O}+\text{Na}_2\text{O}$, 0.1% H_2O**
- Exceptionally **low U, Th, As, Sb**



About the Bald Hill Lithium & Tantalum Offtakes

- Bald Hill Mine produces premium lithium and tantalum concentrates.
- Lithium concentrate production commenced March 2018.
- First lithium concentrate shipment was completed in early May 2018.
- First tantalum sales in September 2018.

Lithium Offtake¹

- Offtake with Burwill Commodity Ltd in JV with lithium industry specialist Jiangxi Special Electric Motor Co. Ltd (JSEMC).
- JSEMC has a large conversion facility in Jiangxi Province, China and is producing lithium carbonate and currently constructing lithium hydroxide circuit.
- Offtake agreement 100% (>5.5% Li₂O) of current lithium concentrate production.²
- US\$880/t (for 6% Li₂O) for 2018 and 2019 FOB from Port of Esperance.
- Pricing for 2020 to 2022 to be negotiated based on market indicators.

Tantalum Offtake

- Negotiations ongoing with HC Starck Group, a leading premium supplier of technology metals for long-term offtake contract for tantalum concentrate.
- Recent tantalum sales to both HC Starck and Global Advanced Metals (GAM) Greenbushes.³
- Pricing is confidential however Bald Hill product is a premium product due to low levels of deleterious elements.

1. Refer ASX announcement 26 April 2017 and SGX announcement 4 May 2017: Lithium Concentrate Offtake Signed for Bald Hill Mine

2. Burwill has first right of refusal to production which is the result of a significant expansion

3. Refer ASX Quarterly Activities Report 31 October 2018

Bald Hill Mine Fines Circuit – Targeting Increased Production Capacity



- Fines optimisation study completed
 - Detailed design commenced
 - A third DMS circuit to be added to increase flexibility and treat feed ranging from 0.5mm to 18mm
 - Targeting an increase in throughput up to 300tph and increased recovery of 72% - 80%
 - Modest capital spend of \$10-15M
 - Represents a ~110% increase in production capacity based on PFS 161tph and 65.8% recovery
 - Significant benefits to operating costs
- Offtake discussions for increased lithium concentrate production have commenced



Bald Hill DMS Plant



Stockpile at Qube's Esperance facility



Bald Hill Resource/Reserve (June 2018)^A

- Total lithium resources of 26.5Mt at 1.0% Li₂O (using 0.3% Li₂O cut off) and 149ppm Ta₂O₅.
- Additional tantalum resources of 4.4Mt at 336ppm Ta₂O₅.
- Lithium ore reserve of 11.3Mt at 1.0% Li₂O and 160 ppm Ta₂O₅ – representing an increase of 105% in contained lithium from the July 2017 reserve estimate^B.
- Tantalum ore reserve of an additional 2.0Mt at 313ppm Ta₂O₅ – an increase of 43% from the July 2017 reserve estimate^C.

Reserves support a mine life of 9 years at a processing rate of 1.2Mtpa however, a large quantity of Inferred Resources awaiting infill drilling.



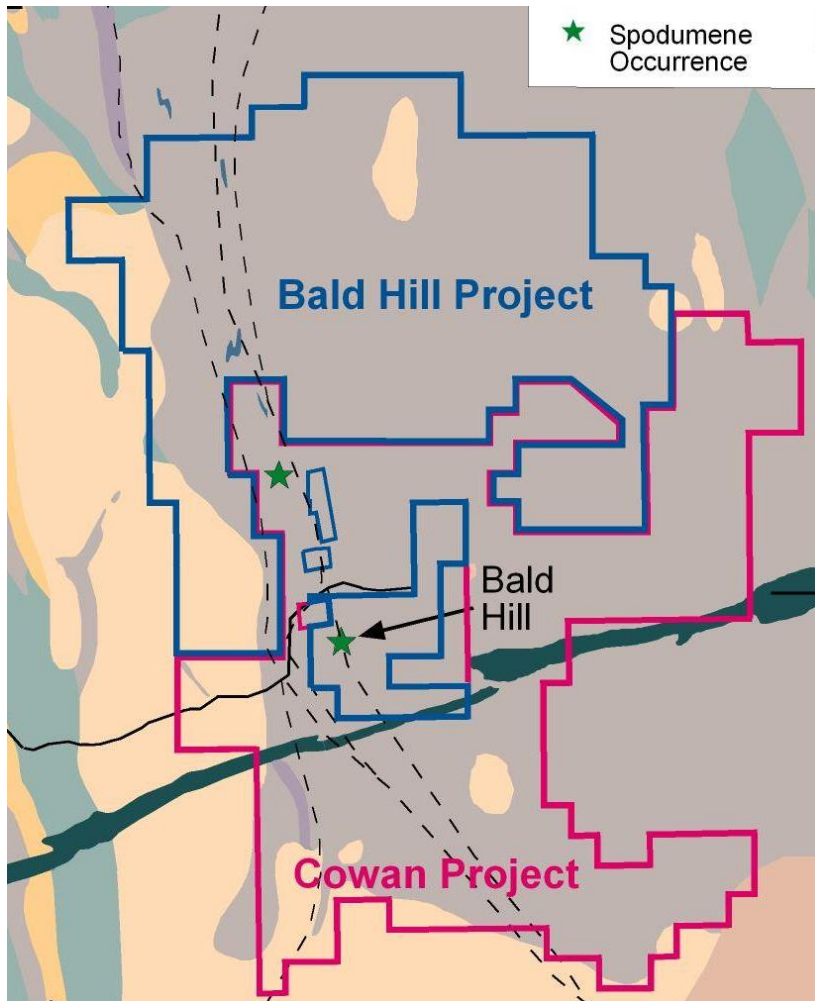
^A Refer ASX announcement 6 June 2018

^B Refer ASX announcement 11 October 2017

^C Refer ASX announcement 11 July 2017



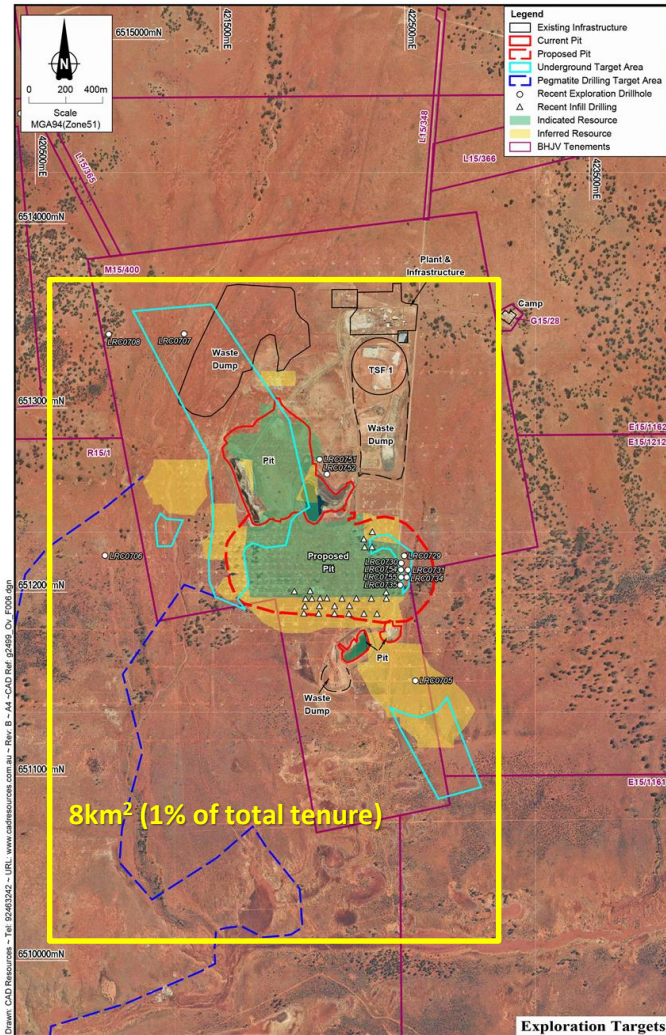
Bald Hill – Significant Exploration Upside Potential



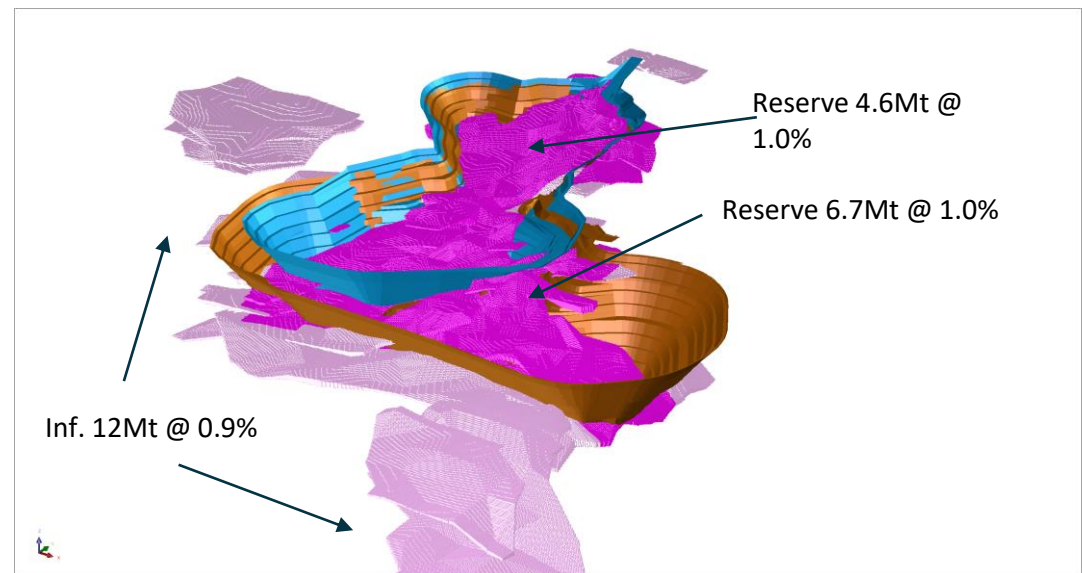
- Bald Hill JV comprises a large tenement holding: 769km²
 - Pegmatites widespread in sub-crop areas.
 - Only 8 km² (1.0%) explored for lithium to date.
 - Current lithium resource totals 26.5Mt.
 - Understanding of mineralisation and structural controls improving.
- Tawana spin-out Cowan Lithium Ltd holds another 721km².
- Cowan is an unlisted public company owned 15% by Tawana.



Bald Hill – Significant Exploration Upside Potential



- Resource open in all directions.
- Significant exploration upside potential with numerous drill-ready, spodumene occurrences.
- Limited exploration drilling in 2018 has intersected significant mineralisation outside the current resource.





The Alliance and Tawana merger creates a pure-play mid-tier lithium producer

- Scheme Implementation Agreement for merger of equals: Alliance to acquire 100% of Tawana shares
- Post-merger shareholding expected to be approximately 50/50 between Alliance and Tawana
- Creates a pure-play mid-tier lithium company
- Merger is a natural step given the existing JV, and elevates the Merged Group's profile
- Pro-forma market cap of A\$433m¹ places Merged Group on the radar of mid-cap institutional investors
- Simplifies ownership and management structure providing efficiency benefits to the Merged Group
- Merged Group will also have enhanced financial capacity with an improved pro-forma balance sheet
- Highly experienced Board and Management Team with proven ability to deliver strategic goals
- Merged Group is ideally positioned to become a sizable producer of quality lithium concentrate

1. Based on the expected number of AMAL Shares on the Implementation Date, using the closing price of AMAL Shares on SGX on 13 August 2018 and an exchange rate of S\$1:A\$0.99

Conclusion



- First shipment was completed in May 2018
- Bald Hill Mine commenced commercial production in July 2018: 28,419 wmt produced in September Quarter.
- Targeting 55,000t to 60,000t of spodumene concentrate between July '18 and December '18.
- Top quality +1mm spodumene concentrate (low mica, low iron).
- Significant tantalum by-product production.
- Fines circuit detailed design phase commenced: targeting increase in throughput to 300tph and increased recovery.
- Significant resource potential from successful step out drilling, and new areas identified.



Competent Persons Statement



Resources

The information in this announcement that relates to Mineral Resources is based on and fairly represents information and supporting documentation compiled by Dr Matthew Morgan Cobb, a Competent Person who is a member of both The Australasian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Dr Cobb is a full-time employee of CSA Global Pty Ltd. Dr Cobb has sufficient experience that is relevant to the type of deposit under consideration 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, Mineral Resources and Ore Reserves”. Dr Cobb consents to the inclusion in this report of the matters based on his information in the form and context in which it appears. Dr Cobb meets the requirements to act as a Qualified Person (as defined in the SGX Catalist rules).

Dr Cobb is not an employee of Tawana or AMAL. Dr Cobb is not aware of any other relationship with Tawana which could constitute a potential for a conflict of interest.

Reserves

The information in this announcement that relates to Ore Reserves is based on and fairly represents information and supporting documentation compiled by Mr Karl van Olden a Competent Person who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr van Olden is a full-time employee of CSA Global Pty Ltd.

Mr van Olden has sufficient experience that is relevant to the type of deposit under consideration 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, Mineral Resources and Ore Reserves”. Mr van Olden consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

Mr van Olden is not an employee of Tawana or AMAL. Mr van Olden is not aware of any other relationship with Tawana which could constitute a potential for a conflict of interest.



TAWANA

RESOURCES NL

www.tawana.com.au

ASX:TAW

Contact Details

Tawana Resources NL (ASX:TAW)

Level 3, 20 Parkland Rd, Osborne Park 6017

Tel: (08) 9489 2633 | www.tawana.com.au

Media contact: Nathan Ryan

NWR Communications

+61 (0) 420 582 887