



TAWANA

RESOURCES NL

ASX RELEASE
16 March 2018

ASX:TAW

CORPORATE DIRECTORY

Non-Executive Chairman
Robert Benussi

Managing Director
Mark Calderwood

Non-Executive Directors
Robert Vassie
Mark Turner
Wei (Vicki) Xie

Joint Company Secretaries
Alexei Fedotov
Claire O'Brien

Media contact: Nathan Ryan
NWR Communications
+61 (0) 420 582 887

CONTACT DETAILS

Level 3
20 Parkland Rd
Osborne Park WA 6017
Email | admin@tawana.com.au
Website | www.tawana.com.au
Phone | +61 8 9489 2600

Company Presentation

Tawana Resources NL (ASX: TAW) is pleased to provide the following presentation that was made to Paydirt's Battery Minerals Conference in Perth, Western Australia on 15 March 2018.

Lithium Production Commences at Bald Hill

Paydirt's Battery Minerals Conference - March 2018



TAWANA
RESOURCES NL





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Capital Structure TAW

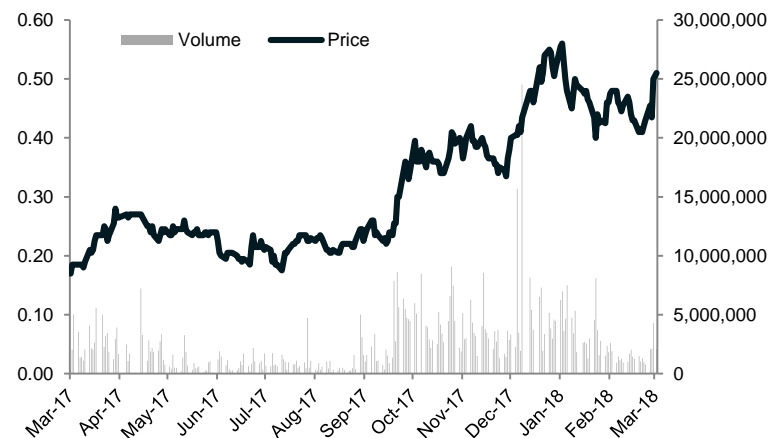
ASX/JSE Code	TAW
Issued Shares	505M
Options Issued (Exc \$0.035 - \$0.30)	32.7M
Cash (as at 31 Dec 2017)	~A\$16M
Market Capitalisation (\$A0.455c) (as at 14 March '18)	A\$252.5M

Supportive Shareholder Base

Major Shareholders (as at 12 March 2018)	%
JP Morgan Nominees*	15.79%
Citicorp Nominees	9.90%
Merriwee Pty Ltd	5.94%
Chalmsbury Nominees	5.24%
UBS Nominees	4.37%
Top 20	60.69%

- Includes Weier who holds approximately 11.5% of the issued capital of Tawana

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 6+ years in pegmatite minerals
- Co-Author of “Pegmatites of Western Australia”
- CP Member AusIMM

Bob Vassie *Non-Executive Director*

- Mining Engineer with 30 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

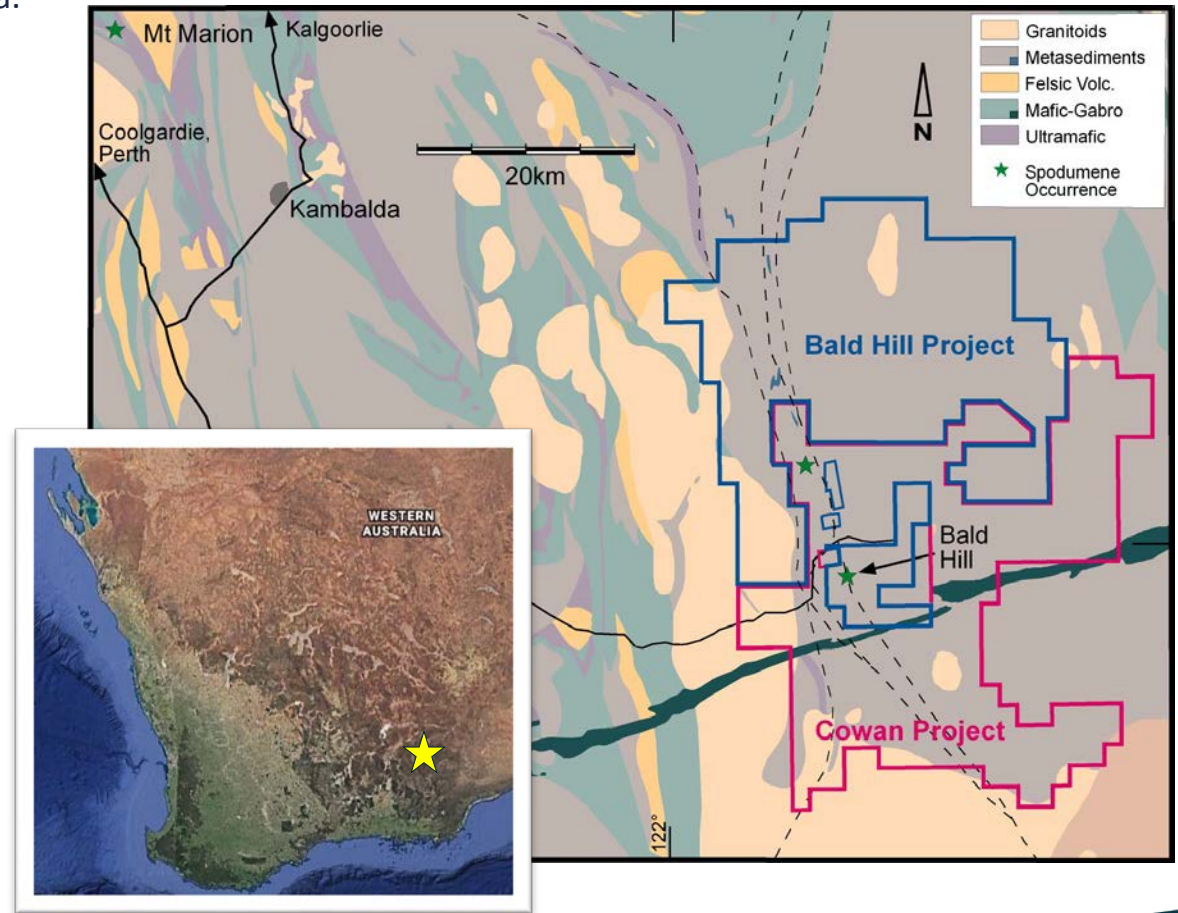
Vicki Xie *Non-Executive Director*

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



Bald Hill & Cowan Projects overview

- Tawana's principal projects are the Bald Hill Lithium and Tantalum Mine, and the adjacent Cowan Lithium Project.
- Both projects are located ~50km south east of Kambalda in the Eastern Goldfields of Western Australia.
- Tawana and Alliance Mineral Assets Limited (SGX: 40F) each have 50:50 ownership of the Bald Hill Project.
- The Cowan Project is 100%-owned by Tawana.
- The Bald Hill Project comprises 774km².
- The Cowan Project comprises 721km².
- Bald Hill has an Indicated and Inferred Mineral Resource of 18.9Mt at 1.18% Li₂O and 149ppm Ta₂O₅ at a 0.5% Li₂O cut-off announced in October 2017¹.
 - Additional tantalum resource of 6.4Mt at 330ppm Ta₂O₅.
 - Probable Reserves currently 4.3Mt @ 1.18% Li₂O and 208ppm Ta₂O₅.
 - Additional probable tantalum Reserves of 1.4Mt at 317ppm Ta₂O₅.
 - Reserve upgrade expected April 2018.



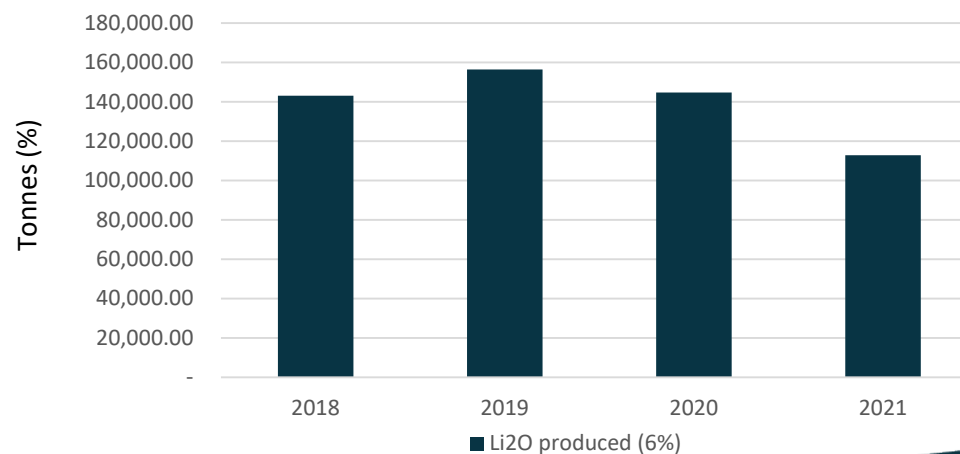


Lowest Capex Lithium Project in Australia

- Contract mining
- Contract crushing
- Staged development
- Exceptional metallurgical characteristics
- New 1,200ktpa spodumene DMS circuit's annual forecast production of 155,000t of concentrate
- Separate (existing) 350ktpa tantalum plant
- Limited additional infrastructure required
- Fast build - 7 months
- Low debt
- Starter pit life of 3.6 years
- Only one year of Resource drilling completed, many years of exploration ahead



BALD HILL STARTER PIT INDICATIVE PRODUCTION PROFILE



About the Bald Hill Lithium & Tantalum Offtakes



- Lithium concentrate production commenced March 2018 - first new lithium mine in Australia since 2016.
- First lithium concentrate shipment expected in April 2018.

Lithium Offtake

- Offtake with Burwill Commodity Ltd who are in JV with lithium industry specialist Jiangte Special Electric Motor Co. Ltd.
- Offtake agreement 100% (>5.5% Li₂O) of lithium concentrate production at US\$880/t (6% Li₂O) for 2018 and 2019 FOB from Esperance Port.
- Pricing for 2020 to 2022 to be negotiated based on market indicators.
- A\$12.5m pre-payment received by Tawana. \$25M funding package (\$20M equity/ \$5M debt) finalised in October 2017 with German company Weier Antriebe und Energietechnik GmbH - a 100% owned subsidiary of Jiangte Special Electric Motor Co. Ltd.

Tantalum Offtake

- Bald Hill Tantalum offtake non-binding term sheet executed with HC Starck Group, a leading premium supplier of technology metals.
- Key terms: 600,000 pounds minimum of tantalum concentrate from April 2018 to 31 December 2020 or all of the standard grade tantalum concentrate produced within the period if delivery less than 600,000 pounds.
- Pricing above PFS expectation.

Bald Hill DMS Plant under lights



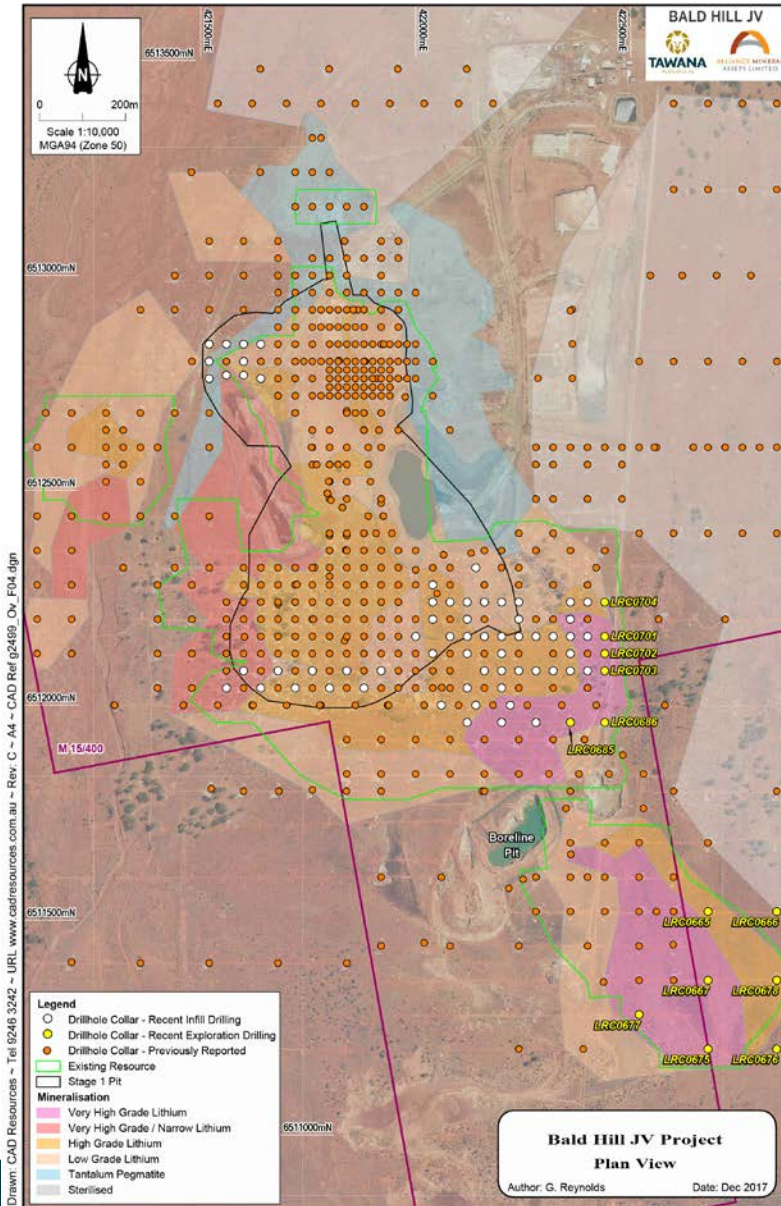
Bald Hill Production Update



- Lithium concentrate production commenced 13 March 2018.
- Three to four month ramp up to 1.2Mtpa for Stage 1.
- First spodumene shipment planned for April 2018, then approximately monthly thereafter.



Bald Hill – Significant Exploration Upside



- Infill drilling and extensional drilling planned for 2018
- Resource open in all directions.
- October 2017 Resource:
 - 47% increase in Lithium Resources
 - 66% increase in Indicated Resources
- High-grade lithium resources of 18.9Mt at 1.18% Li_2O and 149ppm Ta_2O_5 at a 0.5% Li_2O cut-off.
- Additional tantalum resources of 6.4Mt at 330ppm Ta_2O_5 .
- Reserve update due April 2018.
- Significant exploration upside potential with numerous drill-ready, spodumene occurrences.

Bald Hill Resource



Bald Hill Project Production Upside Potential

- Fines circuit to treat otherwise stockpiled <1mm fines and 1mm-5.6mm middlings at the rate of 300,000-400,000tpa. Increase production by up to 25% at incremental cost. Metallurgy points to fines DMS, low capital and operating cost, lower risk.
- One stage of tantalum concentration commences in March 2018, other two stages of tantalum production expected to commence later in 2018.
- A second DMS circuit under consideration, subject to Reserve upgrade:
 - Strong demand for spodumene concentrate with strong likelihood of additional offtake prepayments
 - DMS circuit would have a low capital cost and fast payback
 - Would be very similar to recently completed Stage 1 DMS, with design improvements
 - Construction time expected to be faster than the 7 months taken for the Stage 1 DMS
 - Significant benefits to costs due to high ratio of fixed costs as a result of low consumable consumption

Conclusion



- Bald Hill Project production has commenced
- Production of 155,000t p.a. of concentrate from Stage 1
- Top quality +1mm spodumene concentrate (low mica, low iron)
- Significant tantalum by-product production
- Lowest Capex (of stand alone lithium mines) in Australia
- Reserve upgrade expected April 2018
- Stage 2 – Fines and Stage 3 – second DMS plant under consideration.
- Significant Resource potential from successful step out drilling, and new areas identified.



Contact Details

Tawana Resources NL

Level 3, 20 Parkland Rd, Osborne Park 6017

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

ASX:TAW

Media contact: Nathan Ryan

NWR Communications

+61 (0) 420 582 887



Notes

1: All material assumptions and technical parameters underpinning the Mineral Resource estimates disclosed in the ASX announcement dated 11 October 2017 continue to apply and have not materially changed since it was last reported.

2: All material assumptions and technical parameters underpinning the Mineral Reserve estimates in the ASX announcement dated 11 July 2017 continue to apply and have not materially changed since it was last reported.

All figures throughout this presentation regarding the Project and the PFS 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 announcements of 24 October 2017.

All material assumptions underpinning the Production Targets in this presentation are detailed in the ASX announcement dated 11 July 2017 and Tawana confirms those assumptions continue to apply and have not materially changed.

Competent Persons Statement

The information in this presentation that relates to Mineral Resources and 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 presentation of the matters based on their information in the form and context in which it appears.



Additional Information - Bald Hill Project – Resources¹

Table 1 | Bald Hill Project, Resources above 0.5% Li₂O cut-off

Resource Category	Tonnes (Mt)	Grade Li ₂ O %	Contained Li ₂ O Tonnes	Grade Ta ₂ O ₅ ppm	Contained Ta ₂ O ₅ (,000) Lbs
Indicated	8.0	1.18	95,000	190	2,800
Inferred	10.9	1.18	128,300	118	2,300
Total	18.9	1.18	223,300	149	5,100

Table 2 | Bald Hill Project, Resources above 0.5% Li₂O and 200ppm Ta₂O₅ cut-offs

Resource Category	Tonnes (Mt)	Grade Li ₂ O %	Contained Li ₂ O Tonnes	Grade Ta ₂ O ₅ ppm	Contained Ta ₂ O ₅ (,000) Lbs
Indicated	2.5	1.20	33,300	315	1,900
Inferred	1.2	1.18	14,500	296	800
Total	4.0	1.20	47,800	309	2,700

Table 3 | Bald Hill Project, Resources below 0.5% Li₂O and above 200ppm Ta₂O₅ cut-offs

Resource Category	Tonnes (Mt)	Grade Ta ₂ O ₅ ppm	Contained Ta ₂ O ₅ (,000) Lbs
Indicated	3.9	342	1,700
Inferred	2.5	313	2,950
Total	6.4	330	4,650

Additional Information - Bald Hill Project – Reserves²



Table 4 | Bald Hill Project, Reserves above 0.39% Li₂O

Reserve Category	Tonnes (Mt)	Grade Li ₂ O %	Contained Li ₂ O Tonnes	Grade Ta ₂ O ₅ ppm	Contained Ta ₂ O ₅ (,000) Lbs
Proven	-	-	-	-	-
Probable	4.3	1.18	50,800	208	2,000
Total	4.3	1.18	50,800	208	2,000

Table 5 | Bald Hill Project, Reserves below 0.39% Li₂O and above 200ppm Ta₂O₅ cut-offs

Reserve Category	Tonnes (Mt)	Grade Li ₂ O %	Contained Li ₂ O Tonnes	Grade Ta ₂ O ₅ ppm	Contained Ta ₂ O ₅ (,000) Lbs
Proven	-	-	-	-	-
Probable	1.4	0.21	3,000	317	1,000
Total	1.4	0.21	3,000	317	1,000



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