

Tawana Resources NL  
(Incorporated in Australia)  
(Registration number ACN 085 166 721)  
Share code on the JSE Limited: TAW  
JSE ISIN: AU0000TAWDA9  
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ASX ISIN: AU000000TAW7  
("the Company" or "Tawana")

## **Promising results at the Bald Hill Mine with high grade lithium results**

PLEASE NOTE: ALL GRAPHICS, APPENDICES and TABLE 3 HAVE BEEN REMOVED FOR SENSITIVE PURPOSES. PLEASE REFER TO TAWANA WEBSITE FOR THE COMPLETE ANNOUNCEMENT.

Tawana Resources NL ("Tawana" or the "Company") is pleased to announce high-grade lithium and tantalum results from resource drilling at multiple locations at the Bald Hill lithium and tantalum mine in Western Australia.

These results, which will contribute to the upcoming maiden lithium Resource estimate to be completed by the first quarter of 2017, further demonstrate the strong position of the Company to become a spodumene producer in 2017.

Refer to the attached Joint Announcement in relation to exploration results at the Bald Hill Mine.

### **Highlights**

- Stacked lithium and/or tantalum rich pegmatites from surface to 140m;
- Three high grade intercepts over 300m strike of the central area;
  - i. LRC0048 - 10m at 3.82% Li<sub>2</sub>O and 243ppm Ta<sub>2</sub>O<sub>5</sub> from 159m including 8m at 4.43% Li<sub>2</sub>O<sub>5</sub>;
  - ii. LRC0049 – 4m at 2.39% Li<sub>2</sub>O and 246ppm Ta<sub>2</sub>O<sub>5</sub> from 23m;
  - iii. LRC0052 – 7m at 1.93% Li<sub>2</sub>O and 261ppm Ta<sub>2</sub>O<sub>5</sub> from 32m including 4m at 2.9% Li<sub>2</sub>O<sub>5</sub> and 310ppm Ta<sub>2</sub>O<sub>5</sub>;
  - iv. LRC0048 and 49 intercepted other mineralised pegmatites;
- Drilling at the current north-western limit of the Western Pegmatite also intercepted very high grade mineralisation in LRC0015 - 6m at 1.61% Li<sub>2</sub>O and 586ppm Ta<sub>2</sub>O<sub>5</sub> from 74m including 4m at 2.2% Li<sub>2</sub>O and 766ppm Ta<sub>2</sub>O<sub>5</sub>;
- Extensions to LRDD0006 – intercepted 6.9m at 1.29% Li<sub>2</sub>O and 288ppm Ta<sub>2</sub>O<sub>5</sub> from 141m in addition to 23m at 1.15% Li<sub>2</sub>O from 107m and 4m at 1.33% Li<sub>2</sub>O<sub>5</sub> and 485ppm Ta<sub>2</sub>O<sub>5</sub> from 74m previously reported.
- Strong patterns of zonation and very coarse-grained spodumene apparent with potential to use visual/analytical processes in grade control to separately stockpile Li, Li/Ta and Ta rich pegmatite during mining.
- Infill resource drilling is the current focus with the recent completion of initial metallurgical and sterilisation holes.
- Initial assays from the extensive St John pegmatite swarm returned significant near surface intercepts including 4m at 1.6% Li<sub>2</sub>O from 22m and 4m at 1.19% Li<sub>2</sub>O from 38m. The St John pegmatites located 4km northwest of the Bald Hill plant, occur in an area of at least 1.2km<sup>2</sup> and are covered by mining leases.
- 13,300m has been drilled since 12 October 2016 and Tawana is increasing drill rigs from 2 to 3.

- Feasibility study is due for completion by the end of March 2017 with the aim of commissioning of the spodumene concentrator to commence in October 2017.

Managing Director Mark Calderwood stated: “Resource infill drilling is focusing on an initial block extending for 1,000m by 300m with multiple pegmatites extending from near-surface to about 140m depth. This drilling will enable a significant resource upgrade. At recent pricing, the in-ground combined values of the lithium and tantalum mineralisation is significant, and tantalum by-product credits have the potential to cover a large share of mining costs.”

About Tawana (ASX & JSE: TAW)

Tawana Resources NL, is focused on becoming a spodumene producer in 2017 with its high-quality lithium projects in Western Australia and Namibia.

Tawana’s principal projects are the Bald Hill Lithium and Tantalum Mine (earning a 50% interest) and the adjacent Cowan Lithium Project. The projects have numerous high quality spodumene-rich pegmatites, some of which have been historically mined and processed for tantalum at the existing Bald Hill processing facility.

The Company also owns rights to the giant Uis pegmatite tailings stockpile in Namibia, estimated to be 20 million tonnes. Drilling has been completed and assays are pending. Metallurgical test work to confirm acceptable recoverable grades will likely commence in the first quarter of 2017 and if favourable, there is potential for a low capex/opex operation. The Company also owns the Mofe Creek iron ore project in coastal Liberia. The deposits are characterised by exceptionally coarse grained, high-grade free-dig, itabirite that have the potential to deliver a premium, low cost product. The Company is completing a Mineral Development Agreement (MDA) with the Government of Liberia and is considering initially collaborating with owners of the underutilized port of Monrovia or others with a desire to develop a low capital cost DSO operation.

#### 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, an employee of the Company. Mr Calderwood is a member of The Australasian

Institute of Mining and Metallurgy. Mr Calderwood has 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 consents to the inclusion in this report of the matters based on their information in the form and context in which it appears.

#### Forward Looking Statement

This report may contain certain forward looking statements and projections regarding estimated, resources and reserves; planned production and operating costs profiles; planned capital requirements; and planned strategies and corporate objectives. Such forward looking statements/projections are estimates for discussion purposes only and should not be relied upon. 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 Resources NL. The forward looking statements/projections are inherently uncertain and may therefore differ materially from results ultimately achieved.

Tawana Resources NL does not make any representations and provides no warranties concerning the accuracy of the projections, and disclaims any obligation to update or revise any forward looking statements/projects based on new information, future events or otherwise except to the extent required by applicable laws. While the information contained in this report has been prepared in good faith, neither TAW or 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, none of TAW, its directors, employees or agents, 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 announcement or for any errors, omissions or misstatements or for any loss, howsoever arising, from the use of this announcement.

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- 13,300m has been drilled since 12 October 2016 and Tawana is increasing drill rigs from 2 to 3.
- Feasibility study is due for completion by the end of March 2017 with the aim of commissioning of the spodumene concentrator to commence in October 2017.

27 January 2017

Bald Hill Project (AMAL 100%, TAW Earning 50%)

The Bald Hill Project ("Project") area is located 50km south east of Kambalda in the eastern Goldfields of Western Australia. It is located approximately 75km south east of the Mt Marion Lithium project and is adjacent to the Tawana's Cowan Lithium Project. The Project, owned by Alliance Mineral Assets Limited ("AMAL"), includes a permitted tantalum (pegmatite) mine, processing facility and associated infrastructure.

Lithco No 2 Pty Ltd, a wholly-owned subsidiary of Tawana, had on 3 June 2016 entered into Binding Term Sheet in relation to inter alia, a Farm-In and Joint Venture arrangement with AMAL for the purpose of joint exploration and exploitation of lithium and other minerals.

#### Recent Drilling

Except for a six-day period over Christmas, drilling has continued on the Bald Hill Mining Lease and 13,300m has been drilled since 12 October 2016. Drilling has defined a zone extending for 2km by 0.5km that remains open to the West and South, containing multiple lithium-tantalum pegmatites between surface and 140m. The Bald Hill pegmatites range from tantalum rich to spodumene rich and the larger pegmatites (up to 30m wide) can exhibit strong internal zonation which is typical of the most fractionated lithium-tantalum deposits (such as Greenbushes and Wodgina). The zone pegmatites have excellent potential to support separation of mineralisation types during mining.

Tawana is currently increasing the number of RC rigs from 2 to 3 with the intention of completing the initial infill and sterilisation drilling for an updated Resource/Reserve estimate and associated mine design, and to continue expanding the footprint of the mineralised pegmatite swarm.

The feasibility study is due for completion by the end of March with the aim of commissioning of the spodumene DMS (Dense Medium Separation) circuit to commence in October (Refer Tawana ASX announcement on 16 January 2017 and AMA SGXNet announcement on 18 January 2017).

Table 1| Notable Lithium and Tantalum Intercepts

Hole ID		From m	To m	interval m	Li2O %	Ta2O5 ppm	Nb2O5 ppm	SnO2 ppm
LDD0002		33	42	9	0.58	826	176	297
	Incl.	35	39	4	0.92	1,075	205	320
LDD0003		88.1	86	17.9	0.11	434	199	122
LRCD00063		73	81	8	0.95	381	173	166
	incl.	74	78	4	133	485	217	212
		107	130	23	1.15	166	107	127
	incl.	108	123	15	1.33	173	113	107
177.1		184	6.9	1.29	288	141	167	
LRC0015		74	80	6	1.61	586	197	357
	Incl.	75	79	4	2.20	766	262	330
LRC0040		124	127	3	1.19	106	72	196
	incl.	124	126	2	1.61	118	82	228

	incl.	128	163	35	1.05	106	110	112
	and	131	133	2	1.40	176	100	156
	and	125	139	14	1.47	108	131	116
	and	140	145	5	1.40	58	58	95
	and	149	151	2	1.52	117	143	79
	and	153	155	2	1.37	117	111	74
	and	157	161	4	1.61	98	93	179
LRC0044	incl	45	57	12	1.00	249	89	12
		47	49	2	1.99	184	82	332
		53	55	2	1.44	330	107	133
LRC0047	Incl	86	104	18	0.50	324	91	173
	And	87	91	4	0.28	484	116	179
		94	100	6	0.76	430	119	169
		146	155	9	0.90	235	109	130
	Incl	146	147	1	0.37	808	329	209
	and	147	149	2	1.69	154	72	164
Hole ID		From m	To m	interval m	Li2O %	Ta2O5 ppm	Nb2O5 ppm	SnO2 ppm
LRC0048	Incl	68	71	3	0.80	687	234	129
	And	122	137	15	0.68	123	104	109
		123	124	1	1.77	99	114	83
	Inc	131	135	4	1.27	139	100	158
		156	159	3	0.16	556	198	221
		158	159	1	0.14	1,324	465	114
	inc	159	169	10	3.82	243	92	212
		159	167	8	4.43	237	92	231
LRC0049	Incl	23	27	4	2.39	246	91	286
		24	26	2	3.84	255	97	366
		247	151	4	1.47	43	45	88
	Incl	247	149	2	2.05	42	50	79
LRC0050		38	41	3	1.07	383	112	189
		42	47	6	1.33	363	82	179
		47	48	1	0.14	230	43	100
LRC0052	incl	32	39	7	1.93	261	101	308
		33	37	4	2.90	310	116	322

#### Notes

- 1) The true width of pegmatites are generally considered 85-95% of the intercept width.
- 2) Details of Drill Holes and Pegmatite Intercepts and all significant intercepts are contained in Tables 2 & 3
- 3) Intercepts to 123m previously reported

The first few holes drilled on the St John mining leases has confirmed that the extensive pegmatite swarm contains spodumene. The St John pegmatites range from a few metres to 30m in width.

#### Terms of Bald Hill Mine Earn in and Joint Venture

Through Tawana's 100% owned subsidiary Lithco No 2 Pty Ltd, Tawana has entered into a legally binding terms sheet that outlines the terms for a Farm-In and Joint Venture arrangement with Alliance Mineral Assets Limited ("AMAL") with respect to AMAL's Bald

Hill project in Western Australia for the purpose of joint exploration and exploitation of lithium and other minerals.

The commercial terms require Tawana:

- i. to spend, by 31 December 2017 (or such later date as may be agreed between the parties), a minimum of \$7.5 million on exploration, evaluation and feasibility (including administrative and other overhead costs in relation thereto) (“Expenditure Commitment”); and
- ii. to spend, \$12.5 million in capital expenditure required for upgrading and converting the plant for processing ore derived from the Project, infrastructure costs, pre-stripping activities and other expenditures including operating costs (“Capital Expenditure”).

Upon completion of the Expenditure Commitment, Tawana shall be entitled to 50% of all rights to lithium minerals from the tenements comprising the Project (“Tenements”).

Upon completion of the Expenditure Commitment and Capital Expenditure, Tawana will be entitled to a 50% interest in the Project (being all minerals from the tenements and the processing plant and infrastructure at Bald Hill).

Table 2| Drill Summary, Deeper Extensional Holes with Pegmatite Intercepts

Hole ID	Easting m	Northing m	RL m	Depth m	Azm	Dec.	Type	From m	To m	Width m	Pegmatite Type
LDD0001	421755	6512320	284	283.9	270	-60	DD Met	22.9 83.2 100.3 146.7	24 83.2 113.3 153.9	1.1 1.1 13.0 7.2	Li Li Li
LDD0002	421910	6512760	294	60	90	-60	DD Met	31.7	42	10.3	Ta, Li
LDD0003	421880	6512400	286	150.4	90	-60	DD Met	68.2	88.4	20.2	Ta
LRC00006	421760	6512320	284	208	90	-60	RC/DD	73 108 177.1	80 130 185.4	7 22 8.3	Ta, Li Ta, Li Ta, Li
LRC00024	422100	6512000	276	172	90	-60	RC/DD	96	108	12	Ta, Li
LRC00032	422420	6512000	278	175	90	-60	RC/DD	91	92	1	Ta
LRC00039	421920	6512200	280	149.5	90	-60	RC/DD	97.5 116.8	102 128.5	2.5 11.7	Ta Li, Ta
LRC00041	421600	6512200	280	172	90	-60	RC/DD	79.2 116.6 146	80.7 120 156	1.5 3.4 10	Barren Ta Li, Ta
LRC0009	421880	6512800	292	52	90	-60	RC	34	41	7	Li, Ta
LRC0010	421920	6512800	293	46	90	-60	RC	28.8	37.1	8.3	Li, Ta
LRC0011	421960	6512800	294	40	90	-60	RC	29.1	32	2.9	Ta, Li
LRC0012	422000	6512800	296	74	90	-60	RC	60	63.1	3.1	Ta, Li
LRC0013	421720	6512800	289	100	90	-60	RC	41.4 69	45.2 70	3.8 1	Ta, Li Ta
LRC0014	421640	6512800	287	136	90	-60	RC	25 65.1	26 79	1 13.9	Li, Ta
LRC0015	421560	6512800	286	122	90	-60	RC	0 74.7	1 80	1 5.3	Ta? Li?
LRC0016	422200	6512320	286	126	270	-60	RC	11.8 77.2	28 86.1	16.2 8.9	Li, Ta Li, Ta
LRC0019	421760	6513000	290	58	90	-60	RC	2.6	11.2	8.6	Ta

LRC0021	421600	6513000	282	100	90	-60	RC	54	56	2	Ta
LRC0022	421720	6513000	272	52	90	-60	RC	13.4	15.4	2	Ta
LRC0023	422100	6512000	272	123	90	-60	RC	80.9	96.9	16	Li,
LRC0025	422250	6511595	270	76	90	-60	RC	24.6	28	3.4	Ta
LRC0026	422400	6511600	270	82	90	-60	RC	38 58	42 73	4 14	Li, Ta Li, Ta
LRC0027	422400	6511200	274	82	90	-60	RC	65.2	68.2	3	Barren
LRC0028	422390	6511200	274	160	90	-60	RC	26 127.7	32 129	6 1.3	Li, Ta Li, Ta
LRC0030	422160	6511800	274	160	90	-60	RC	106.7 120 124	109.9 121 126	3.2 1 2	Li, Ta Ta Ta
LRC0035	421777	6512000	279	171	90	-60	RC	126.3 142 158.9	129 153 160.1	2.7 11 1.2	Li, Ta Li, Ta Ta
LRC0036	421620	6512000	300	160	90	-60	RC	67.1 111 130 144	68.2 119.4 135 147	1.2 8.4 5 3	barren Li, Ta Li, Ta Ta
LRC0040	421760	6512200	281	178	90	-60	RC	89.6 123.6	91.4 166.1	1.8 42.5	Ta Li, Ta
LRC0044	421880	6512720	292	118	90	-60	RC	45	56	11	Li, Ta
LRC0046	421960	6512320	283	100	90	-60	RC	70	74	4	Li, Ta
LRC0047	421880	6512320	284	160	90	-60	RC	77 86 116 146	80 103 122 154	3 17 6 8	Ta Li, Ta Li, Ta Li, Ta
LRC0048	421840	6512320		180	90	-60	RC	68 112 122 156	71 114 136 174	3 2 14 18	Ta Li, Ta Li, Ta Li, Ta
LRC0049	421915	6512640	291	160	90	-60	RC	25 145	31 154	6 9	Li, Ta Li, Ta
LRC0050	421920	6512720	293	54	90	-60	RC	12	14	2	Ta
								39	48	9	Li, Ta
LRC0051	421920	6512680	292	49	0	-90	RC	36	42	6	Li, Ta
LRC0052	421880	6516400	291	46	90	-60	RC	32	41	9	Li, Ta
LRC0101	420320	6516400	320	80	90	-60	RC	77	80	3	barren
LRC0102	420400	6516400	320	80	90	-60	RC	20	28	8	Li
LRC0103	420440	6516400	320	80	90	-60	RC	37	44	7	Li

Notes

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- 2) Only pegmatites of 1m or more in width included

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27 January 2017

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