

ASX RELEASE 3 March 2017 ASX:TAW

#### CORPORATE DIRECTORY

Non-Executive Chairman Robert Benussi

Managing Director Mark Calderwood

Executive Director, CFO & Co. Sec. Michael Naylor

# Maiden Lithium Resource Drilling Near Completion Further High Grade Lithium and Tantalum at Bald Hill

Tawana Resources NL ("Tawana" or the "Company") is pleased to announce that infill drilling at the Bald Hill project, Western Australia is nearing completion. The drilling program has focused on the area where the maiden lithium resource will be estimated.

The maiden lithium resource which should be available in early April, will be another significant milestone as the Company pursues spodumene production in 2017.

Tawana has completed 193 resource RC drill holes since 28 December, 2016.

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

## Highlights

- Three rigs at Bald Hill as spodumene pegmatite footprint continues to increase.
- Numerous high grade lithium and tantalum intercepts. Best results include:
  - 21m at 1.44% Li<sub>2</sub>O and 319ppm Ta<sub>2</sub>O<sub>5</sub> from 61m in LRC0146;
  - 20m at 1.38% Li<sub>2</sub>O from 59m Li<sub>2</sub>O in LRC0148;
  - 6m at 1.11% from 71m and 16m at 1.44% from 99m in LRC209;
  - 12m at 2.38% Li<sub>2</sub>O from 136m in LRC077; and
  - 12m at 2.09% Li<sub>2</sub>O from 54m in LRC0257.
- Drilling has clearly defined near-surface spodumene pegmatites located 800m from the process plant site and within the current fully permitted pit limit. Shallow intercepts included:
  - 13m at 1.74% Li<sub>2</sub>O and 318ppm Ta<sub>2</sub>O<sub>5</sub> from 19m in LRC0253;
  - 7m at 1.21%  $\text{Li}_2\text{O}$  and 683ppm  $\text{Ta}_2\text{O}_5$  from 25m in LRC135;
  - 11m at 1.62% Li<sub>2</sub>O from 29m including 8m at 2.05% Li<sub>2</sub>O in LRC0265; and
  - 11m at 1.02%  $\text{Li}_2\text{O}$  and 247ppm  $\text{Ta}_2\text{O}_5$  from 14m in LRC0132.
- Feasibility study is scheduled for completion within 5 weeks with the aim of commissioning the spodumene concentrator in October 2017.
- Significant spodumene pegmatites discovered 300m west of the Hillview pit.

Tawana Resources Managing Director Mark Calderwood stated: "Infill drilling for the initial lithium resource estimate is essentially complete. Resource estimation work has commenced. The results should lead to an increase in existing tantalum resources and reserves.

The geometry of the pegmatites allows access to near-surface (2-20m) mediumhigh grade ore, within current permitted pit design, for initial production.

Though there is significant strike potential for the spodumene pegmatites on the Bald Hill tenements, the aim is to complete the short term (5-year) mine plan during April on the maiden resource in order to meet the October 2017 commissioning deadline. Drilling is expected to continue for some months and it is anticipated that further resource upgrades will be provided over the course of 2017."

#### **CONTACT DETAILS**

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## 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 under-utilized port of Monrovia or others with a desire to develop a low capital cost DSO operation.





# Maiden Lithium Resource Drilling Near Completion Further High Grade Lithium and Tantalum at Bald Hill

3 March 2017

Tawana Resources NL ("Tawana" or the "Company") and Alliance Mineral Assets Limited (SGX: AMAL) are pleased to announce that infill drilling at the Bald Hill project, Western Australia is nearing completion. The drilling program has focused on the area where the maiden lithium resource will be estimated.

The maiden lithium resource which should be available in early April, will be another significant milestone for the companies as they pursue spodumene production in 2017.

Tawana has completed 193 resource RC drill holes since December 28, 2016.

## Highlights

- Three rigs at Bald Hill as spodumene pegmatite footprint continues to increase.
- Numerous high grade lithium and tantalum intercepts. Best results include:
  - 21m at 1.44%  $Li_2O$  and 319ppm  $Ta_2O_5$  from 61m in LRC0146;
  - 20m at 1.38% Li<sub>2</sub>O from 59m Li<sub>2</sub>O in LRC0148;
  - 6m at 1.11% from 71m and 16m at 1.44% from 99m in LRC209;
  - 12m at 2.38% Li<sub>2</sub>O from 136m in LRC077; and
  - 12m at 2.09% Li<sub>2</sub>O from 54m in LRC0257.
- Drilling has clearly defined near-surface spodumene pegmatites located 800m from the process plant site and within the current fully permitted pit limit. Shallow intercepts included:
  - 13m at 1.74% Li<sub>2</sub>O and 318ppm Ta<sub>2</sub>O<sub>5</sub> from 19m in LRC0253;
  - 7m at 1.21% Li<sub>2</sub>O and 683ppm Ta<sub>2</sub>O<sub>5</sub> from 25m in LRC135;
  - 11m at 1.62% Li<sub>2</sub>O from 29m including 8m at 2.05% Li<sub>2</sub>O in LRC0265; and
  - 11m at 1.02% Li<sub>2</sub>O and 247ppm  $Ta_2O_5$  from 14m in LRC0132.
- Feasibility study is scheduled for completion within 5 weeks with the aim of commissioning the spodumene concentrator in October 2017.
- Significant spodumene pegmatites discovered 300m west of the Hillview pit.

Tawana Resources Managing Director Mark Calderwood stated: "Infill drilling for the initial lithium resource estimate is essentially complete. Resource estimation work has commenced. The results should lead to an increase in existing tantalum resources and reserves.

The geometry of the pegmatites allows access to near-surface (2-20m) medium-high grade ore, within current permitted pit design, for initial production.

Though there is significant strike potential for the spodumene pegmatites on the Bald Hill tenements, the aim is to complete the short term (5-year) mine plan during April on the maiden resource in order to meet the October 2017 commissioning deadline. Drilling is expected to continue for some months and it is anticipated that further resource upgrades will be provided over the course of 2017."







Figure 1 | Resource drilling south of the Hillview and South pits; Bore Line pits in the background.

### 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 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.

#### **Recent Drilling**

A total of 193 resource RC drill holes have been completed between 28 December 2016 and 20 February 2017 and three RC rigs are now operating on site. Assays have been received for only 77 of these holes: recent intercepts are summarised in Tables 1 and 2 in Appendix A. Approximately 10, mostly shallow, holes remain to be drilled prior to completion of an initial resource estimate.

Recent high grade lithium intercepts include<sup>1</sup>:

- 21m at 1.44% Li<sub>2</sub>O and 319ppm Ta<sub>2</sub>O<sub>5</sub> from 61m including 12m at 2.21% Li<sub>2</sub>O in LRC0146;
- 20m at 1.38% Li<sub>2</sub>O from 59m including 7m at 2.22% Li<sub>2</sub>O in LRC0148;
- 13m at 1.74% Li<sub>2</sub>O from 19m including 10m at 2.15% Li<sub>2</sub>O and 372ppm Ta<sub>2</sub>O<sub>5</sub> in LRC0253;
- 2m at 2.5%  $Li_2O$  and 499ppm  $Ta_2O_5$  from 54m, 6m at 1.11% from 71m and 16m at 1.44% from 99m including 5m at 2.85%  $Li_2O$  in LRC209;
- 12m at 2.38% Li<sub>2</sub>O and 226ppm Ta<sub>2</sub>O<sub>5</sub> from 136m in LRC077; and
- 12m at 2.09% Li<sub>2</sub>O from 54m in LRC0257

### Notable high grade tantalum intercepts included:

- 5m at 1,832ppm Ta<sub>2</sub>O<sub>5</sub> from 125m in LRC077;
- 5m at 0.72% Li<sub>2</sub>O and 947ppm Ta<sub>2</sub>O<sub>5</sub> from 46m in LRC0208;
- 9m at 1.17% Li<sub>2</sub>O and 552ppm Ta<sub>2</sub>O<sub>5</sub> from 63m in LRC0201;
- 7m at 1.21% Li<sub>2</sub>O and 683ppm Ta<sub>2</sub>O<sub>5</sub> from 25m in LRC0135;
- 8m at 0.65% Li<sub>2</sub>O and 919ppm Ta<sub>2</sub>O<sub>5</sub> from 138m in LRC078; and
- 6m at 2.70% and 467ppm from 70m including 4m at 3.14% Li<sub>2</sub>O and 584ppm Ta<sub>2</sub>O<sub>5</sub> in LRC0205

<sup>&</sup>lt;sup>1</sup> The true width of pegmatites are generally considered 85-95% of the intercept width. Only pegmatite intercepts of 1m or more in width are included. Only intercepts of 0.3% Li<sub>2</sub>O or 150ppm Ta<sub>2</sub>O<sub>5</sub> considered significant.





Other shallow intercepts from within 20m vertical of surface, within the permitted pit, included:

• 5m at 1.52% Li $_2$ O and 317ppm Ta $_2$ O $_5$  from 21m in LRC0085, 7m at 1.40% Li $_2$ O and 256ppm Ta $_2$ O $_5$  from 26m in LRC0123, 9m at 1.16% Li $_2$ O and 207ppm Ta $_2$ O $_5$  from 22m in LRC0125, 12m at 0.89% Li $_2$ O and 311ppm Ta $_2$ O $_5$  from 21m in LRC0124, 8m at 1.16% Li $_2$ O and 239ppm Ta $_2$ O $_5$  from 16m in LRC0129, 11m at 1.02% Li $_2$ O and 247ppm Ta $_2$ O $_5$  from 14m in LRC0132 and 10m at 1.25% Li $_2$ O in LRC0210.

Recent step-out drilling west of the Hillview pit has intercepted multiple high grade spodumene pegmatites highlighting the future resource potential. Initial drill results from the discovery holes included 12m at 1.36% Li<sub>2</sub>O from 59m in LRC0081, 8m at 1.26% Li<sub>2</sub>O from 55m in LRC0093 and 3m at 2.52% from 80m in LRC0095 followed by 4m at 1.45% Li<sub>2</sub>O from 94m in LRC0095. Tables 1 and 2 in Appendix A contain details of drill results.

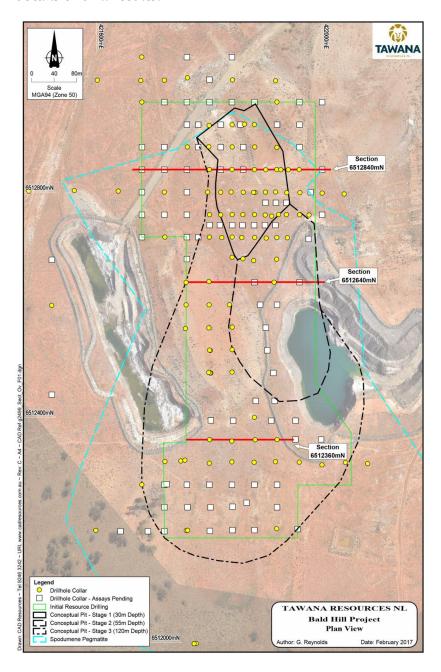


Figure 2 | Bald Hill Project Plan View





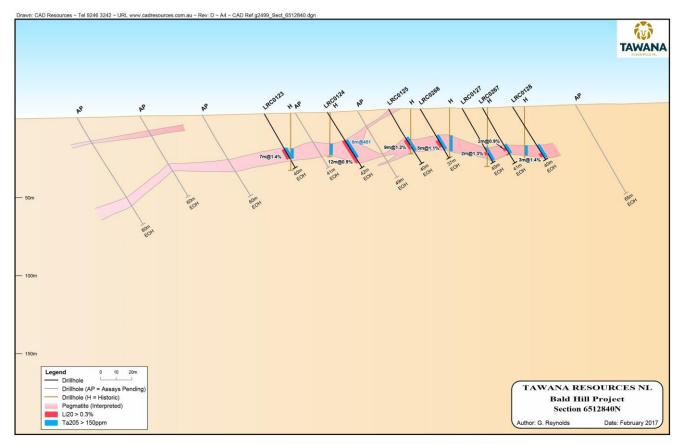


Figure 3 | Section 6512840N

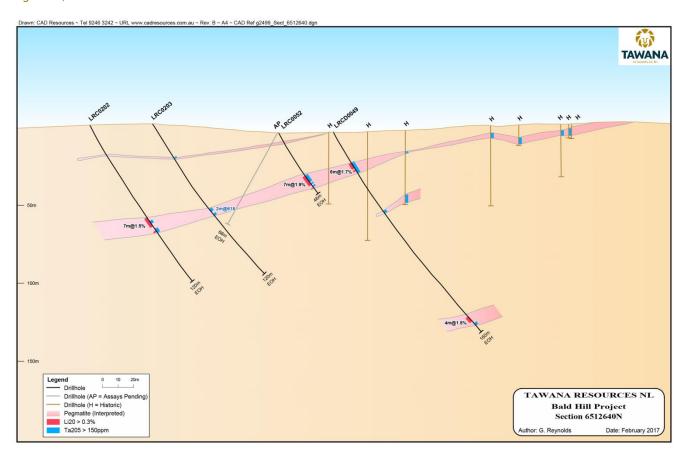


Figure 4 | Section 6512640N





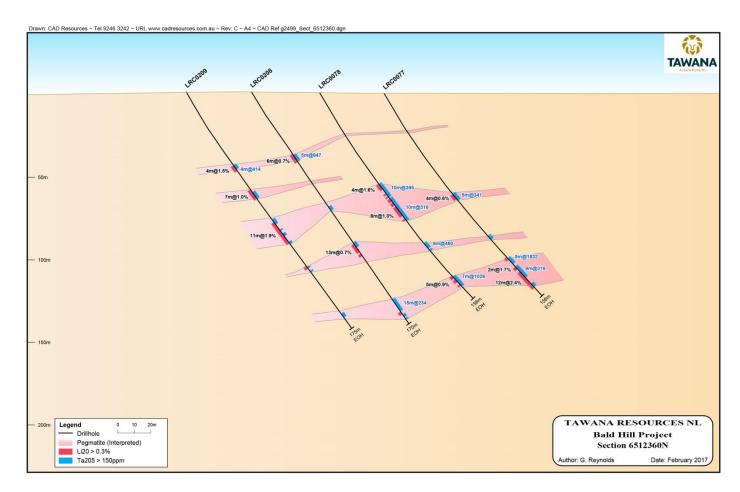


Figure 5 | Section 6512360N

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

Through Tawana's 100% owned subsidiary Lithco No. 2 Pty Ltd, Tawana entered into a Farm-In Agreement on 23 February 2017 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") by 31 December 2019.

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). The portfolio of mineral tenements, comprising mining leases, exploration licences, prospecting licences, miscellaneous licences, a general-purpose lease, and a retention lease are in good standing.





#### **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.

Mr Calderwood is a significant shareholder in Tawana. Mr Calderwood and Tawana do not consider these to constitute a potential conflict of interest to his role as Competent Person. Mr Calderwood is not aware of any other relationship with Tawana which could constitute a potential for a conflict of interest.

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

#### 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 as representation or warranty, express or implied, of Tawana Resources NL and/or Alliance Mineral Assets Limited. 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 and/or Alliance Mineral Assets Limited. The forward looking statements/projections are inherently uncertain and may therefore differ materially from results ultimately achieved.

Tawana Resources NL and/or Alliance Mineral Assets Limited 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 Tawana Resources NL and/or Alliance Mineral Assets Limited or any of their 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 Tawana Resources NL and/or Alliance Mineral Assets Limited, their directors, employees or agents, advisers, nor any other person accepts any liability whether direct or indirect, express or limited, contractual, tortuous, 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.





# Appendix A

Table 1| Drill Summary, Deeper Extensional Holes with Pegmatite Intercepts

Hole ID	Easting	Northing	RL	Depth	A	Dog	Turna	From	То	Width	Pegmatite
Hole ID	m	m	m	m	Azm	Dec.	Туре	m	m	m	Туре
LRC0036	421620	6512000	300	160	90	-60	RC	133	135	2	Та
LRC0046	421960	6512320	283	100	90	-60	RC	70	74	4	Та
LRC0077	421880	6512360	284	156	90	-60	RC	26	27	1	barren
								74	79	5	Li, Ta
								107	109	2	Та
							_	125	148	23	Li, Ta
LRC0078	421920	6512360	284	156	90	-60	RC	29	30	1	barren
								66 111	94 147	28 36	Li, Ta Li, Ta
LRC0079	421840	6512520	296	166	90	-60	RC	36	39	30	barren
LINCOUTS	421040	0312320	230	100	30	00	INC	120	122	2	Та
LRC0080	6512600	421398	283	100	90	-60	RC	24	25	1	barren
Liteogo	0012000	.2255		100				27	29	2	barren
LRC0081	6512599	421281	282	102	90	-60	RC	3	5	2	Та
							]	12	13	1	barren
								58	71	13	Li, Ta
								76	84	8	Li, Ta
LRC0082	6512802	421479	285	114	90	-60	RC	0	1	1	barren
								33	36	3	Та
								97	106	9	Li
LRC0083	6512879	421920	295	48	90	-60	RC	32	39	7	Li, Ta
LRC0084	6512881	421799	292	78	90	-60	RC	0	8	8	Li, Ta
								20	27	7	Li, Ta
	CE12000	421761	201	42	00	<b>CO</b>		72	73	1	barren
LRC0085	6512880	421761	291	42	90	-60	RC	28	35	7	Li, Ta
LRC0086	6512918	421800	292	42	90	-60	RC	0	13	13	Та
LRC0087	6512599	421319	282	96	90	-60	RC	58 75	67 90	9 15	Li Li To
LRC0088	6512600	421361	282	90	90	-60	RC	67	73	6	Li, Ta Li
LINCOUSS	0312000	421501	202	30	30	00	INC.	75	90	15	Li, Ta
LRC0089	6512559	421282	281	96	90	-60	RC	45	46	1	barren
2.1.00005								48	49	1	Ta
								56	67	11	Li, Ta
LRC0090	6512562	421322	281	102	90	-60	RC	60	70	10	Li
								76	83	7	Li
								87	93	6	Li
								94	95	1	Li
LRC0091	6512639	421281	282	96	90	-60	RC	54	64	10	Li
								74	80	6	Li
LRC0092	6512638	421324	282	90	90	-60	RC	3	5	2	barren
								54 70	62 72	8 2	Li, Ta barren
								70 74	81	7	barren Li
LRC0093	6512521	421281	281	96	90	-60	RC	50	51	1	barren
21100033	0312321	121201	201			30	'	53	63	10	Li, Ta
								65	66	1	Li
								71	72	1	Та
								74	85	11	Li





	Easting	Northing	RL	Depth				From	То	Width	Pegmatite
Hole ID	m	m	m	m	Azm	Dec.	Type	m	m	m	Туре
LRC0094	6512521	421359	282	108	90	-60	RC	71	72	1	barren
								80	85	5	Li
								90	91	1	barren
								92	97	5	Li, Ta
LRC0095	421280	6512440	300	108	90	-60	RC	57	60	3	Li
								64	66	2	Та
								79	86	7	Li, Ta
1000106	420000	CF1C400	200	70	00	<b>CO</b>	D.C.	94	100	6	Li, Ta
LRC0106	420600	6516400	300	78	90	-60	RC	0	6	6	barren
LRC0107	420640	6516400	300	66	90	-60	RC	1	7	6	barren
LRC0108	420520	6516400	300	66	90	-60	RC	15	17	2	barren
LRC0109	420360	6516400	300	80	90	-60	RC	0	4	4	barren
								33	37	4	barren
								38	42	4	barren
LRC0110	419320	6516400	300	90	90	-60	RC	80	85	5	barren
LRC0111	419480	6516400	300	90	90	-60	RC	7	8	1	barren
								32	36	4	barren
1000113	410500	CF1C400	200	00	00	<b>CO</b>	D.C.	76	78	2	barren
LRC0112	419560	6516400	300	80	90	-60	RC	7 30	11 39	4 9	barren barren
								43	47	4	barren
LRC0113	419640	6516400	300	80	90	-60	RC	3	7	4	barren
LRC0116	419880	6516400	300	80	90	-60	RC	29	31	2	barren
LRC0117	420000	6516400	300	80	90	-60	RC	24	29	5	barren
LRC0117	420040	6516400	300	84	90	-60	RC	55	57	2	barren
LRC0119	420080	6516400	300	80	90	-60	RC	43	47	4	Та
LRC0120	420120	6516400	300	80	90	-60	RC	22	23	1	barren
LRC0123	421800	6512840	291	40	90	-60	RC	25	34	9	Li, Ta
LRC0124	421840	6512840	292	42	90	-60	RC	7	8	1	barren
LINGOIL								21	39	18	Li, Ta
LRC0125	421880	6512840	294	40	90	-60	RC	0	2	2	barren
								21	31	10	Li, Ta
LRC0127	421926	6512840	295	40	90	-60	RC	30	37	7	Li, Ta
LRC0128	421960	6512840	296	40	90	-60	RC	29	38	9	Li, Ta
LRC0129	421840	6512880	293	40	90	-60	RC	11	25	14	Li, Ta
LRC0130	421880	6512880	296	40	90	-60	RC	14	22	8	Li, Ta
LRC0131	421840	6512920	293	30	90	-60	RC	2	23	21	Li, Ta
LRC0132	421865	6512920	296	30	90	-60	RC	14	25	11	Li, Ta
LRC0133	421800	6512760	290	60	90	-60	RC	39	45	6	Li, Ta
LRC0134	421680	6512720	288	120	270	-60	RC	75	81	6	Li
								93	99	6	Li
LRC0135	421840	6512760	291	60	90	-60	RC	23	33	10	Li, Ta
LRC0136	421880	6512760	292	60	90	-60	RC	35	45	10	Та
LRC0137	421920	6512760	294	60	90	-60	RC	34	36	2	Та
								49	56	7	Li, Ta
LRC0138	421960	6512760	296	66	90	-60	RC	57	63	6	Li, Ta
LRC0139	421800	6512720	290	60	90	-60	RC	46	53	7	Li, Ta
LRC0140	421840	6512720	291	84	90	-60	RC	29	43	14	Li, Ta
LRC0141	421840	6512685	290	80	90	-60	RC	33	43	10	Li, Ta





	Easting	Northing	RL	Depth				From	То	Width	Pegmatite
Hole ID	m	m	m	m	Azm	Dec.	Туре	m	m	m	Туре
LRC0142	421720	6512720	288	100	90	-60	RC	51	56	5	Li, Ta
								65	72	7	Li, Ta
LRC0143	421800	6512480	296	120	90	-60	RC	52	75	23	Li, Ta
								80	90	10	Li, Ta
LRC0144	421840	6512480	296	100	90	-60	RC	24	26	2	Та
								60	82	22	Li, Ta
								85	91	6	Li, Ta
								93	94	1	Li, Ta
LRC0145	421800	6512520	296	120	90	-60	RC	57	58	1	Li, Ta
								71	78	7	Li, Ta
LRC0146	421840	6512520	296	166	90	-60	RC	53	89	36	Li, Ta
								154	160	6	Li, Ta
LRC0147	421520	6512600	284	160	90	-60	RC	68	75	7	Та
LRC0148	421800	6512560	296	120	90	-60	RC	57	81	24	Li, Ta
LRC0149	421760	6512600	297	140	90	-60	RC	26	27	1	Та
								84	94	10	Li, Ta
LRC0150	421800	6512600	297	90	90	-60	RC	64	77	13	Li, Ta
LRC0201	421840	6512600	297	80	90	-60	RC	63	72	9	Li, Ta
LRC0202	421760	6512640	296	120	90	-60	RC	22	23	1	barren
								70	82	12	Li, Ta
LRC0203	421800	6512640	297	120	90	-60	RC	26	27	1	Та
								65	69	4	Та
LRC0204	6512478	421801	296	108	0	-90	RC	57	63	6	Li, Ta
								79	85	6	Li, Ta
								98	106	8	Li, Ta
LRC0205	6512479	421799	296	110	270	-60	RC	31	32	1	Та
								67	77	10	Li, Ta
LRC0206	6512519	421800	296	80	0	-90	RC	21	22	1	Та
								58	65	7	Li, Ta
LRC0207	6512558	421757	296	72	0	-90	RC	35	38	3	Та
								62	68	6	Li, Ta
LRC0208	6512357	421840	285	170	90	-60	RC	45	51	6	Li, Ta
								65	68	3	Li, Ta
								80	89	9 14	Li, Ta
								110	124	16	Li, Ta
LRC0209	6512360	421800	285	175	90	-60	RC	152 11	168 12	1	Li, Ta Ta
LNCUZUS	0312300	421000	203	1/3	30	-00	NC.	50	57	7	Li, Ta
								71	78	7	Li, Ta Li, Ta
								92	97	5	Li, Ta Li, Ta
								100	112	12	Li, Ta
								129	133	4	Li
								162	169	7	Li, Ta
LRC0210	6512394	421842	286	163	90	-60	RC	11	12	1	barren
								45	55	10	Li,Ta
								69	72	3	Та
								77	83	6	Та
								86	87	1	barren
								119	120	1	barren
								123	127	4	Ta 
	0=10:::		955		0.7			151	157	6	Li, Ta
LRC0211	6512394	421802	286	175	90	-60	RC	48	58	10	Li, Ta





	Easting	Northing	RL	Depth		_	_	From	То	Width	Pegmatite
Hole ID	m	m	m	m	Azm	Dec.	Туре	m	m	m	Туре
								77	87	10	Li,Ta
								93	94	1	Li
								99	101	2	Li,Ta
								104	112	8	Li,Ta
								122	125	3	Ta
LRC0212	6512320	422041	284	109	90	-60	RC	160 50	167 52	7	Li, Ta Li, Ta
LRCUZIZ	0512320	422041	284	109	90	-60	KC	83	100	17	Li, Ta Li, Ta
LRC0213	6512315	422000	298	121	90	-60	RC	10	11	1	barren
								54	56	2	Та
								90	110	20	Li, Ta
LRC0214	6512318	421800	222	193	90	-60	RC	70	78	8	Li, Ta
								104	120	16	Li, Ta
								164	170	6	Li, Ta
ro								182	183	1	Та
1000015	6542224	424724	2.47	205	00	60		184	185	1	barren
LRC0215	6512321	421721	247	205	90	-60	RC	21	24 89	3	Ta
								83 111	119	6 8	Ta Li, Ta
								120	122	2	Li, Ta Li
LRC0251	6512719	421939	294	66	90	-60	RC	6	9	3	Li, Ta
LINCOZJI	0312713	421333	234	00	50	00	I.C	50	62	12	Li, Ta
LRC0252	6512718	421901	293	60	90	-60	RC	15	17	2	Ta
								41	52	11	Li, Ta
LRC0253	6512719	421858	291	42	90	-60	RC	19	32	13	Li, Ta
								38	39	1	Li, Ta
								40	41	1	Li, Ta
LRC0254	6512719	421822	290	54	90	-60	RC	38	46	8	Li, Ta
LRC0255	421880	6512680	291	66	90	-60	RC	24	40	16	Li, Ta
1000256	424000	CE42C00	200	7.4	00	60	D.C.	42	60	18	Li, Ta
LRC0256	421860	6512680	300	74	90	-60	RC	29 41	40 43	11 2	Li, Ta
LRC0257	421840	6512680	290	69	270	-60	RC	53	66	13	barren Li, Ta
LRC0257	421980	6512760	300	70	90	-60	RC	30	33	3	Li, Ta Li, Ta
LINCOZO	421300	0312700	300	70	50	00	I.C	62	65	3	Ta
LRC0259	421940	6512760	300	66	90	-60	RC	0	9	9	Та
								38	41	3	Li, Ta
								52	61	9	Li, Ta
LRC0260	421900	6512760	300	60	90	-60	RC	7	9	2	Та
								31	42	11	Li, Ta
LRC0261	421860	6512760	300	60	90	-60	RC	17	40	23	Li, Ta
LRC0262	421820	6512760	300	46	90	-60	RC	30	39	9	Li, Ta
LRC0263	421940	6512800	300	45	90	-60	RC	0	2	2	Ta
LDC03C4	421000	CE13000	200	4.4	00	60	D.C	33	40	7	Li, Ta
LRC0264	421900	6512800	300	44	90	-60	RC	26 34	33 36	7 2	Li, Ta Ta
LRC0265	421860	6512800	300	46	90	-60	RC	27	40	13	Li, Ta
LRC0265	421820	6512800	300	40	90	-60	RC	24	33	9	Li, Ta Li, Ta
LRC0267	421940	6512840	300	41	90	-60	RC	20	21	1	Ta
		3322010	230			30		28	34	6	Li, Ta
LRC0268	421900	6512840	300	37	90	-60	RC	20	31	11	Li, Ta

 The true width of pegmatites are generally considered 85-95% of the intercept width.
 Only pegmatite intercepts of 1m or more in width are included. Notes





Table 2 | Notable Lithium and Tantalum Intercepts

		From	То	Interval	Li <sub>2</sub> O	Ta <sub>2</sub> O <sub>5</sub>	Nb <sub>2</sub> O <sub>5</sub>	SnO <sub>2</sub>
Hole ID		m	m	m	%			
LRC0036		134	135	1	0.07	<b>ppm</b> 293	<b>ppm</b> 122	<b>ppm</b> 235
LRC0036		70	74	4	0.07	345	112	182
LRC0046		70	79	5	0.12	341	109	232
LKCOO77		107	109	2	0.05	353	112	127
		125	130	5	0.25	1832	972	142
	incl	126	128	2	0.23	4170	2247	182
	IIICI	132	136	4	0.14	240	97	133
	incl	132	134	2	1.67	269	97	165
	IIICI	136	148	12	2.38	226	142	155
	incl	136	140	5	1.47	376	262	114
	and	143	141	4	4.2	104	36	240
		145	147	2			56 54	
	and				2.62	217		196
LRC0078	:	66	94	28	0.71	296	120	156
	incl	66	70	4	1.61	574	216	267
	and	80	88	8	1.01	245	99	166
		111	114	3	0.14	245	129	130
		115	116	1	0.44	1672	408	229
		138	146	8	0.65	919	313	204
LRC0079		120	122	2	0.02	321	136	206
LRC0081		3	4	1	0.03	1800	2111	58
		59	71	12	1.36	70	83	197
		78	81	3	0.99	123	119	118
LRC0082		33	34	1	0.12	156	21	62
		99	100	1	0.98	73	50	193
LRC0083		32	37	5	1.04	235	76	307
	incl	32	35	3	1.61	197	74	246
LRC0084		0	8	8	0.44	290	74	191
		21	26	5	1.52	317	173	218
LRC0085		30	32	2	1.49	333	100	126
LRC0086		4	5	1	0.06	150	50	56
		7	13	6	0.06	215	62	315
LRC0087		59	65	6	1.08	104	112	245
	incl	60	62	2	1.71	91	90	147
		75	78	3	0.51	251	172	141
		82	89	7	1.32	99	87	130
LRC0088		68	71	3	1.81	52	54	177
		71	72	1	0.07	150	114	60
		76	82	6	0.85	91	84	135
		88	89	1	0.20	172	165	86
LRC0089		48	49	1	0.17	154	172	149
		57	61	4	0.64	129	114	165
		62	67	5	0.24	369	378	131
LRC0090		60	61	1	0.31	154	193	155
		62	64	2	1.55	111	100	171
		67	68	1	0.61	148	157	52
		76	79	3	0.89	92	82	79
		80	81	1	0.40	104	86	97
		88	90	2	1.66	80	64	102
		94	95	1	0.32	59	36	159
LRC0091		56	63	7	0.75	53	64	91
	incl	56	57	1	1.61	79	107	116
	and	61	62	1	1.76	31	36	97
		74	78	4	1.03	95	93	135
LRC0092		57	58	1	0.13	209	107	118
		58	59	1	1.14	77	93	142
		74	80	6	1.01	97	82	99





_	From	То	Interval	Li <sub>2</sub> O	Ta₂O₅	Nb <sub>2</sub> O <sub>5</sub>	SnO <sub>2</sub>
Hole ID	m	m	m	%	ppm	ppm	ppm
incl		78	2	1.73	100	86	118
LRC0093	55	63	8	1.26	127	96	225
incl	55	59	4	1.92	163	135	179
	65	66	1	0.61	34	36	236
	71	72	1	0.08	179	129	52
	78	85	7	0.92	59	72	97
incl	80	83	3	1.39	68	86	93
LRC0094	81	85	4	0.71	57	69	97
incl		82	1	1.75	72	100	159
	92	96	4	1.40	159	76	140
incl		95	2	2.28	272	93	182
LRC0095	58	59	1	0.36	60	36	568
	64	65	1	0.08	170	93	61
	80	83	3	2.52	145	162	184
	84	85	1	0.34	53	57	72
	94	98	4	1.45	163	185	102
LRC0119	46	47	1	0.05	326	113	89
LRC0123	26	33	7	1.40	256	200	196
LRC0124	21	33	12	0.89	311	176	196
incl		32	5	1.40	241	137	152
	36	38	2	0.94	117	107	212
LRC0125	21	22	1	0.07	311	133	185
	22	31	9	1.16	207	135	226
LRC0127	30	33	3	0.39	251	116	286
	32	34	2	1.26	153	92	278
1000130	36	39	3	0.16	234	96	168
LRC0128	30	31	1	0.08	222	143	171
LDC0130	34	37	3	1.35	217	153	398
LRC0129	11 16	15 24	4 8	0.06 1.16	285 239	97 145	146 215
LRC0130	15	22	7	0.60	237	116	244
incl		21	4	0.80	240	123	216
LRC0131	2	23	21	0.59	218	79	189
incl		11	4	1.33	208	73 72	217
and		17	4	1.35	188	83	149
LRC0132	14	25	11	1.02	247	84	224
incl		22	6	1.29	224	84	192
LRC0133	39	42	3	1.65	114	72	196
ENCOISS	42	45	3	0.16	319	69	193
LRC0134	76	78	2	1.82	81	79	165
	94	99	5	1.32	70	60	109
LRC0135	25	32	7	1.21	683	319	215
incl		29	1	0.19	1833	909	297
and		32	3	2.41	419	248	222
LRC0136	37	38	1	0.12	410	186	170
1	40	41	1	0.01	197	50	105
1	42	45	3	0.17	480	119	204
incl	44	45	1	0.43	739	143	295
LRC0137	35	36	1	0.22	243	36	206
	49	56	7	0.29	310	97	257
LRC0138	58	63	5	0.9	342	119	197
LRC0139	46	50	4	0.76	108	92	142
incl	49	50	1	1.80	65	64	151
	50	53	3	0.14	368	100	281
LRC0140	30	31	1	0.01	190	72	104
	32	33	1	0.43	104	29	112
LRC0141	33	40	7	0.83	152	84	215
	41	42	1	0.06	316	93	415





	From	То	Interval	Li₂O	Ta₂O₅	Nb <sub>2</sub> O <sub>5</sub>	SnO <sub>2</sub>
Hole ID	m	m	m	%	ppm	ppm	ppm
	42	43	1	0.51	59	21	302
LRC0142	52	53	1	0.31	85	50	119
11.001.1	66	67	1	0.23	435	157	549
	67	72	5	0.94	144	77	166
LRC0143	52	53	1	0.43	103	36	171
	58	59	1	0.31	10	14	122
	63	69	6	0.74	219	89	103
incl	66	68	2	1.83	184	79	135
	71	75	4	0.58	264	69	104
	80	81	1	0.14	243	57	141
	81	83	2	0.43	76	36	135
	86	89	3	0.11	317	114	245
LRC0144	24	26	2	0.05	484	57	107
	62	79	17	0.78	191	104	138
incl	63	67	4	1.4	379	226	177
	68	69	1	0.19	205	114	213
	69 71	70 70	1	0.65	112	36	113
	71	79	8	0.72	133	74 60	98
	79 85	82 91	3 6	0.13 0.52	267 281	69 94	116 224
incl	85	87	2	1.19	193	76	315
IIICI	93	94	1	0.36	193	86	702
LRC0145	57	58	1	0.51	65	43	300
LKC0143	71	77	6	1.59	163	102	152
incl	73	76	3	2.44	164	103	161
LRC0146	61	73	12	2.21	179	73	271
incl	63	68	5	3.55	90	54	371
and	72	73	1	1.11	1072	343	474
	74	89	15	0.28	439	102	126
incl	74	78	4	0.61	164	76	124
and	80	82	2	0.42	1665	258	217
	156	158	2	0.34	70	32	86
	158	160	2	0.14	236	72	132
LRC0147	69	75	6	0.17	220	76	80
LRC0148	59	79	20	1.38	106	49	144
incl	60	61	1	3.28	370	143	538
1500110	77	81	4	0.3	229	100	88
LRC0149	26	27	1	0.06	558	72 70	226
incl	84 or	86 86	2	0.31	172	76	93
incl	85 87	86 89	1 2	0.57 0.45	167 57	86 40	121 103
	92	94	2	0.43	956	143	159
LRC0150	65	73	8	0.77	78	69	161
incl	69	72	3	1.12	58	62	113
	75	77	2	0.19	278	86	124
LRC0201	63	72	9	1.17	552	176	169
incl	63	64	1	0.25	2208	572	168
and	64	69	5	1.85	402	150	171
LRC0202	70	77	7	1.51	134	49	212
	79	82	3	0.33	447	90	171
incl	80	81	1	0.55	883	150	232
LRC0203	26	27	1	0.08	181	21	359
	66	68	2	0.05	618	255	431
incl	66	67	1	0.03	1043	415	608
LRC0204	57	62	5	0.37	229	83	105
	79	82	3	1.05	85	57	135
	82	84	2	0.11	259	86	107
	98	106	8	0.86	129	109	118





		From	То	Interval	Li <sub>2</sub> O	Ta₂O₅	Nb <sub>2</sub> O <sub>5</sub>	SnO <sub>2</sub>
Hole ID		m	m	m	%	ppm	ppm	ppm
	and	99	103	4	1.12	173	152	110
LRC0205		31	32	1	0.03	407	57	135
		67	77	10	1.80	392	117	218
	incl	70	76	6	2.70	467	130	226
LRC0206		21	22	1	0.06	1459	186	279
		58	62	4	0.27	257	72	51
		61	65	4	0.45	133	57	85
LRC0207		35	36	1	0.09	275	29	112
		62	66	4	0.09	303 89	94	95 460
LRC0208		66 45	67 51	6	0.76	792	43 266	469 243
LNCUZUO	incl	45	47	1	1.25	2593	744	420
		66	67	1	0.64	335	129	193
		84	87	3	0.02	350	100	75
		111	124	13	0.66	119	89	90
	incl	112	114	2	1.26	247	104	114
		152	168	16	0.19	222	89	173
	incl	157	163	6	0.30	216	89	187
LRC0209		11	12	1	0.09	338	64	146
		52	57	5	1.26	291	89	222
		71	78	7	1.01	143	60	189
		93	97	4	0.36	214	126	126
		100	111	11	1.88	135	124	149
	incl	103	108	5	2.85	132	149	124
1000340		164	167	3	0.15	210	100	79
LRC0210	incl	45 46	55 50	10 4	1.25 2.70	104 158	31 41	120 229
	IIICI	70	72	2	0.12	414	114	116
		78	80	2	0.21	167	79	182
		82	83	1	0.24	333	43	110
		123	127	4	0.15	335	72	138
		151	157	6	1.53	168	69	138
	incl	155	157	2	3.70	49	21	239
LRC0211		49	53	4	1.11	112	36	202
		77	87	10	0.59	223	94	168
	incl	77	84	7	0.80	185	94	207
		93	94	1	0.42	33	29	243
		99	100	1	0.09	375	193	71
		100	101	1	0.32	123	86	97
		104 109	105	1 2	0.42 0.51	54 107	36 140	108
		109	111 125	3	0.51	425	205	69 130
		160	167	7	0.17	232	82	149
	incl	160	164	4	1.08	207	77	166
LRC0212		50	52	2	0.28	284	129	146
		83	87	4	0.27	310	166	119
		86	90	4	0.85	107	97	67
		91	92	1	0.12	186	50	32
		92	95	3	1.20	49	50	70
		98	100	2	0.09	236	72	150
LRC0213		54	55	1	0.07	259	79	171
		92	97	5	0.19	213	165	97
		96	107	11	1.12	159	137	122
	incl	97	100	3	1.78	92	79	160
	and	103	107	4	1.25	164	187	119
		107	108 109	1	0.20 0.37	153 70	86 57	57 77
		108	109	1	0.37	79	5/	77





	From	То	Interval	Li <sub>2</sub> O	Ta₂O₅	Nb <sub>2</sub> O <sub>5</sub>	SnO <sub>2</sub>
Hole ID	m	m	m	%	ppm	ppm	ppm
LRC0214	71	77	6	1.40	359	167	184
incl	71	72	1	4.47	74	29	359
and	71	74	3	2.23	326	122	272
	77	78	1	0.20	295	100	157
	104	117	13	1.00	137	97	109
incl	105	113	8	1.32	140	84	128
	119	120	1	0.17	221	86	76
	164	165	1 3	0.12	239	207 74	103
incl	166 167	169 168	1	0.80 1.27	484 985	74 79	112 177
IIICI	182	183	1	0.05	267	100	188
LRC0215	22	23	1	0.02	665	122	108
LNCOZIS	83	89	6	0.07	268	117	150
	111	119	8	0.83	162	116	88
LRC0251	6	7	1	0.61	29	14	653
	7	9	2	0.11	228	79	164
	50	62	12	0.92	346	103	258
incl	51	55	4	1.78	296	99	273
LRC0252	15	16	1	0.10	346	122	131
	42	45	3	0.50	230	89	324
	46	52	6	0.16	432	86	149
incl	50	51	1	0.13	1239	122	380
LRC0253 incl	19 20	32 30	13	1.74 2.15	318 372	132 157	224 237
IIICI	38	39	10	0.34	168	43	
	40	41	1	0.34	164	72	100 149
LRC0254	38	43	5	1.24	120	87	171
LIKO23 I	44	45	1	0.06	220	79	132
LRC0255	24	37	13	0.88	320	112	182
incl	24	27	3	2.60	360	133	389
	38	40	2	0.54	201	79	362
	42	43	1	0.07	295	72	94
	43	45	2	0.35	131	54	146
	48	60	12	0.17	247	73	159
LRC0256	30	40	10	1.25	182	76	203
incl	30	36	6	1.78	171	74	194
LRC0257	53 54	54 66	1 12	0.26	201	86 62	133 194
incl	55 55	59	4	2.09 3.58	116 100	62 69	279
and	61	64	3	2.45	175	79	164
LRC0258	30	33	3	0.57	573	162	222
	62	65	3	0.05	525	129	222
LRC0259	0	1	1	0.07	154	21	52
	38	41	3	0.32	271	74	305
	52	61	9	0.66	204	74	194
incl	53	56	3	1.62	160	67	229
LRC0260	7	9	2	0.14	234	69	204
	32	42	10	0.77	245	67	188
incl	36	41	5	1.13	211	59	155
LRC0261	22	40 27	18	0.52	249	84	161
incl	29	37	8	1.10	186	90	188
LRC0262	30 32	31 37	1 5	0.46 1.48	48 211	21 97	281 152
LRC0263	0	1	1	0.05	192	29	349
	33	34	1	0.03	154	57	271
	34	38	4	0.71	239	59	179
incl	35	36	1	1.37	123	50	187
	38	39	1	0.08	239	86	177





Hole ID		From	То	Interval	Li <sub>2</sub> O	Ta <sub>2</sub> O <sub>5</sub>	Nb <sub>2</sub> O <sub>5</sub>	SnO <sub>2</sub>
TIOIC ID		m	m	m	%	ppm	ppm	ppm
LRC0264		26	33	7	0.88	362	100	243
	incl	28	32	4	1.41	451	135	203
		34	36	2	0.20	477	76	199
LRC0265		29	40	11	1.62	197	102	136
	incl	29	37	8	2.05	191	100	154
LRC0266		24	33	9	0.50	239	103	185
	incl	28	29	1	1.11	592	286	178
LRC0267		20	21	1	0.09	463	43	159
		28	34	6	0.41	240	70	301
	incl	30	31	1	1.28	188	64	251
LRC0268		22	31	9	0.79	291	97	283
	incl	23	28	5	1.07	278	106	287

#### Notes

1) Only intercepts of 0.3% Li<sub>2</sub>O or 150ppm Ta<sub>2</sub>O<sub>5</sub> considered significant.





# Appendix B

# Section 1 Sampling Techniques and Data

Criteria	JORC Code Explanation	Commentary
Sampling techniques	Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the	Reverse Circulation Drilling, 1m samples collected
	minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.	Samples jaw crushed and riffle split to 2-2.5kg for pulverizing to 80% passing 75 microns.
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.	Prepared samples are fused with sodium peroxide and digested in dilute hydrochloric acid. The resultant solution is analysed by ICP, by Nagrom.  Certified standards. Field duplicates submitted at
	Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would	irregular intervals at the rate of approximately 1:25.
	be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which	Check assays yet to be undertaken.
	3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.	Nagrom is an independent laboratory with extensive experience with Tantalum and Lithium analysis and has ISO9001:2008 accreditation.
Drilling techniques	Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).	RC drilling conducted in line with general industry standards.  Approx. 98% of RC drill holes are angled. Approx. 2% of RC drill holes are vertical
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed.	Chip recovery or weights for RC drilling were not conducted.
	Measures taken to maximise sample recovery and ensure representative nature of the samples.	Each metre of drill sample recovery and moisture content is visually estimated and recorded.
	Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	Opportunity for sample bias is considered negligible for dry samples.
Logging	Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical	Geological logs exist for all drill holes with lithological codes via an established reference legend.
	studies.  Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography	Drill holes have been geologically logged in their entirety. Where logging was detailed the subjective indications of spodumene content
	The total length and percentage of the relevant intersections logged.	Assays have generally only been submitted through and adjacent to the pegmatites.





Criteria	JORC Code Explanation	Commentary
Sub-sampling	If core, whether cut or sawn and whether quarter,	RC samples were collected at 1m intervals and
techniques	half or all core taken.	riffle or cone split on-site to produce a
and sample	If non-core, whether riffled, tube sampled, rotary	subsample less than 5kg.
preparation	split, etc. and whether sampled wet or dry.	The DC deillien according to a second and achieve for
	For all sample types, the nature, quality and	The RC drilling samples are considered robust for
	appropriateness of the sample preparation technique.	sampling the spodumene and tantalite mineralisation.
	Quality control procedures adopted for all sub-	mineratisation.
	sampling stages to maximise representivity of	Most samples were dry.
	samples.	most samples were any.
	Measures taken to ensure that the sampling is	Sampling is in line with general sampling
	representative of the in situ material collected,	practices.
	including for	
	instance results for field duplicate/second-half	Field duplicates, laboratory standards and
	sampling.	laboratory repeats are used to monitor analyses.
	Whether sample sizes are appropriate to the grain	Canada sias for DC deilling is considered
	size of the material being sampled.	Sample size for RC drilling is considered
	the material being sampled.	appropriate.
Quality of	The nature, quality and appropriateness of the	The assay technique is considered to be robust as
assay data	assaying and laboratory procedures used and	the method used (see above) offers total
and	whether the technique is considered partial or	dissolution of the sample and is useful for
laboratory	total.	mineral matrices that may resist acid digestions.
tests	For geophysical tools, spectrometers, handheld XRF	Chandanda and dimitachas ware submitted in
	instruments, etc., the parameters used in determining the analysis including instrument make	Standards and duplicates were submitted in varying frequency throughout the exploration
	and model, reading times, calibrations factors	campaign and internal laboratory standards,
	applied and their derivation, etc.	duplicates and replicates are used for
	Nature of quality control procedures adopted (e.g.	verification
	standards, blanks, duplicates, external laboratory	
	checks) and whether acceptable levels of accuracy	
	(i.e. lack of bias) and precision have been	
M	established.	Training of heles and artelian to date show and
Verification	The verification of significant intersections by	Twinning of holes undertaken to date show good continuity
of sampling and assaying	either independent or alternative company personnel.	Continuity
and assaying	personner.	The Ta and Li assays show a marked correlation
	The use of twinned holes.	with the pegmatite intersections via elevated
		downhole grades.
	Documentation of primary data, data entry	
	procedures, data verification, data storage	Drill logs exist for all holes as both electronic
	(physical and electronic) protocols.	files and hardcopy.
	Discuss any adjustment to assay data.	All drilling data has been leaded to a database
	Discuss any adjustinent to assay data.	All drilling data has been loaded to a database and validated prior to use.
		and randated prior to use.
Location of	Accuracy and quality of surveys used to locate drill	Collar coordinates are currently only
data points	holes (collar and down-hole surveys), trenches,	approximate and considered accurate to within
	mine workings and other locations used in Mineral	4m measured using hand held GPS. Accurate
	Resource estimation.	surveying using RTK DGPS is currently being
	Specification of the grid system used.	undertaken on site. Hole collars have been preserved until completion of survey.
	Quality and adequacy of topographic control.	preserved undit completion of survey.
	Quantity and adequacy of topographic control.	





Criteria	JORC Code Explanation	Commentary
Data spacing and distribution	Data spacing for reporting of Exploration Results.  Whether the data spacing and distribution is sufficient to establish the degree of geological and	Drilling has been conducted on a 40m x 40m grid, with a 140m x 80m area drilled out at 20m x 20m.
	grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.	The spacing of holes is considered of sufficient density to provide an 'Indicated' Mineral Resource estimation and classification.
	Whether sample compositing has been applied.	There has been no sample compositing.
Orientation of data in relation to geological	Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.	The majority of drilling is angled. Some vertical holes have been drilled in areas where access is limited.
structure	If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	The lithium tantalite-bearing pegmatites are generally flat to shallowly dipping in nature. The true width of pegmatites are generally considered 85-95% of the intercept width, with minimal opportunity for sample bias.
Sample security	The measures taken to ensure sample security.	The RC samples are taken from the rig by experienced personal and stored securely and transport to the laboratory by a registered courier and handed over by signature.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No audits have been undertaken to date.

# **Section 2 Reporting of Exploration Results**

Criteria	Explanation	Commentary
Mineral tenement and land tenure status	Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.  The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	The portfolio of mineral tenements, comprising mining leases, exploration licences, prospecting licences, miscellaneous licences, a general-purpose lease, and a retention lease are in good standing.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	Alluvial tantalite has been mined periodically from the early 1970s.  Gwalia Consolidated Limited undertook exploration for tantalite-bearing pegmatites from 1983-1998. Work included mapping, costeaning, and several phases of drilling using RAB, RC, and diamond methods. The work identified mineral resources that were considered uneconomic at the time.  Haddington entered agreement to develop the resource and mining  • commenced in 2001 and continued until 2005.  • Haddington continued with exploration until 2009.  Living Waters acquired the project in 2009 and continued with limited exploration to the north of the main pit area.





Criteria	Explanation	Commentary
Geology	Deposit type, geological setting and style of mineralisation.	The Bald Hill area is underlain by generally north-striking, steeply dipping Archaean metasediments (schists and greywackes) and granitoids.
		Felsic porphyries and pegmatite sheets and veins have intruded the Archaean rocks. Generally, the pegmatites parallel the regional foliation, occurring as gently dipping sheets and as steeply dipping veins.
		The pegmatites vary in width and are generally comprised quartz-albite- muscovite-spodumene in varying amounts. Late-stage albitisation in the central part of the main outcrop area has resulted in fine- grained, banded, sugary pegmatites with visible fine-grained, disseminated tantalite. A thin hornfels characterised by needle hornblende crystals is often observed in adjacent country rocks to the pegmatite.
		Intrusives. Tantalite generally occurs as fine disseminated crystals commonly associated with fine-grained albite zones, or as coarse crystals associated with cleavelandite.
		Weathering of the pegmatites yields secondary mineralised accumulations in alluvial/eluvial deposits.
Drill hole Information	A summary of all information material to the understanding of the exploration results including a tabulation of the following	Only results for drill holes that have intercepted lithium and or tantalum pegmatites of 1m or more in width that have been assayed for lithium have been included in the release.
	information for all Material drill	All drill hole details are contained in Table 1 and 2 of the
	holes:  • easting and northing of the drill hole collar  • elevation or RL (Reduced Level - elevation above sea level in metres) of the drill hole collar  • dip and azimuth of the hole  • down hole length and interception depth  • hole length.  If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	release.
Data	In reporting Exploration Results,	No cutting to intercept grades has been undertaken.
aggregation methods	weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are	Assays are report as pure elements such as Li, Ta, Nb, Sn and converted to oxides using atomic formulas.
	usually Material and should be stated.  Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.  The assumptions used for any	Reported intervals in Table 1 and 2 represent the aggregation of the intercepts containing samples of at least 0.3% Li <sub>2</sub> O and/or 150ppm Ta <sub>2</sub> O <sub>5</sub> , lower grade zones are included adjacent to higher grade zones where the grade varies significantly from the average of the entire width of the mineralised pegmatite. Only lithium, tin, niobium and tantalum oxide results are tabled, other potential by-products are currently considered to be insignificant in economic importance.
	reporting of metal equivalent values	





Criteria	Explanation	Commentary
	should be clearly stated.	
Relationship between mineralisation widths and intercept lengths	These relationships are particularly important in the reporting of Exploration Results.  If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').	The majority of drilling is angled. Some vertical holes have been drilled in areas where access is limited.  The lithium tantalite-bearing pegmatites are generally flat to shallowly dipping in nature. The true width of pegmatites are generally considered 85-95% of the intercept width, with minimal opportunity for sample bias.
Diagrams	Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	Drilling locations are shown on figure 1 of the release.
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	Results for all drill holes that have intercepted lithium pegmatites that have been assayed for lithium have been included in the release.
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples - size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	The metallurgical test work for spodumene referred to in the release was undertaken by Nagrom. Nagrom has extensive experience with Tantalum and Lithium extraction testwork and has ISO9001:2008 accreditation. Results have been reported without interpretation.
Further work	The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).  Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	Further RC and diamond drilling is warranted at the various deposits to explore for additional resources and improve the understanding of the current resources prior to mining.