ASX Announcement
23 November 2022

First assays from Mt Deans drilling confirm Lithium and Rubidium grades

Highlights

- **Second Phase Drilling completed at Mt Deans Lithium-Rubidium Project - 21 RC Holes for 1,409m and multiple pegmatites tested**
- **Assays confirm high lithium and rubidium grades from the first two holes received of**
  - **7m at 2.03% Li_2O+Rb_2O from 26m in MDRC11**
  - **9m at 1.23% Li_2O+Rb_2O from 32m in MDRC09**
  - **5m at 1.05% Li_2O+Rb_2O from 45m in MDRC09**
- **High-grade rubidium up to 1.43% with an average of 0.77-0.96% Rb_2O**
- **Assays from remaining 19 holes to be released when available**

Aruma Resources Limited (ASX: AAJ) (**Aruma** or the **Company**) is pleased to announce first assay results from its recently completed drilling program at the Mt Deans Lithium-Rubidium Project near Norseman, in the lithium corridor of south-eastern Western Australia (*Figure 1*).

Broad spaced drilling and surface sampling by Aruma has identified a thick vertical sequence of lithium and high-grade rubidium bearing pegmatites over a strike length of about 1.5 kilometres (*Figure 2*). The Company recently completed a second phase of drilling at Mt Deans, which comprised 21 reverse circulation holes for 1,409 metres, to depths of between 20 and 120 metres (ASX announcement, 9 November 2022).

Drilling was designed to examine lepidolite bearing pegmatite outcrops and previous drilling intersections from Tantalum Australia Limited in 2002. The program extended the lithium and high-grade rubidium intersected in the thick vertical pegmatite in Aruma's first phase of drilling in the central part of the project area, and a subsequent rock chip sampling program (ASX announcements, 21 April and 30 May 2022).

Assay results have been returned for the first two holes and have delivered highly positive results with lithium-rubidium content of more than 2% and multiple intersections of greater than 1% Li_2O (lithium) and 1% Rb_2O (rubidium) over significant widths.

Assay results from the remaining holes of Aruma's recently completed drilling, plus results from re-sampling of historic drilling will be released when available.

Commentary on Assay Results

Results have been received from two drill holes to date – MDRC09 and MDRC11. These holes have returned high grades above 1% combined Li_2O and Rb_2O in significant intervals, of 5 metres or more.

Two types of pegmatite intersections are evident with high grade lithium (>1.2% Li_2O) intersected in hole MDRC11, along with a "mixed" mafic/pegmatite contact material in hole MDRC09.

Drill hole MDRC11(*Figure 2 and Table 1*) intersected a pegmatite of approximately 5 metres true width, with consistent high-grade Li_2O, peaking at 1.67% Li_2O. The composited interval for this pegmatite is **7m @ 2.03% Li_2O+Rb_2O**.

This consisted of 1.23% Li_2O and 0.8% Rb_2O over 7m with 0.13% cesium, 378ppm tantalum and 202ppm tin in the pegmatite intersection.

Drill hole MDRC09 (*Figure 2 and Table 1*) intersected a mixed zone of altered mafic host rock and pegmatitic material. This zone is interpreted to be a mineralised alteration zone ("alteration zone") on the contact between intrusive pegmatites and the mafic country rock. Within MDRC09, the alteration zone is intersected over 32 metres downhole (at plus 0.8% Li_2O+Rb_2O), including two higher grade zones of **9m @ 1.23% Li_2O+Rb_2O** and **5m @ 1.05% Li_2O+Rb_2O**.

The entire mineralised intersection within MDRC09, including the high-grade intervals is 32m @ 0.83% combined Li_2O and Rb_2O with a nominal 0.5% lower reported grade (Table 3). This drill hole followed the contact in an altered zone on the mafic-pegmatite contact and demonstrates the zoned nature of the pegmatites at Mt Deans.

Table 1 Significant results for the first batch of assays. Results >1% Rb_2O+Li_2O. Note – Down hole widths.

					Intercept Grades		Intercept		Intercept		Intercept
Hole Id	From	To	Rock Code	Li_2O +Rb_2O (%)	Li_2O+Rb_2O (%)	Li_2O (%)	Li_2O (%)	Rb_2O (%)	Rb_2O (%)	Cs (ppm)	Cs (%)
MDRC09	25	26	MAF-PEG	**1.07**	**1m @ 1.07**	0.25	0.25	0.82	0.82	501	0.05
MDRC09	32	33	MAF-PEG	**1.19**		0.21		0.97		557	
MDRC09	33	34	MAF-PEG	**1.81**		0.37		**1.43**		948	
MDRC09	34	35	MAF-PEG	**1.41**		0.33		**1.08**		754	
MDRC09	35	36	MAF-PEG	**1.20**		0.27		0.93		637	
MDRC09	36	37	MAF-PEG	**1.17**		0.27		0.90		602	
MDRC09	37	38	MAF-PEG	0.73		0.20		0.54		342	
MDRC09	38	39	MAF-PEG	**1.17**		0.22		0.96		561	
MDRC09	39	40	MAF-PEG	**1.30**		0.27		**1.03**		651	
MDRC09	40	41	MAF-PEG	**1.06**	**9m @ 1.23**	0.24	0.27	0.81	0.96	497	0.06
MDRC09	45	46	MAF-PEG	**1.10**		0.34		0.75		471	
MDRC09	46	47	MAF-PEG	0.60		0.19		0.40		261	
MDRC09	47	48	MAF-PEG	**1.11**		0.31		0.81		535	
MDRC09	48	49	MAF-PEG	**1.38**		0.33		**1.05**		693	
MDRC09	49	50	MAF-PEG	**1.05**	**5m @ 1.05**	0.23	0.28	0.82	0.77	473	0.05
MDRC11	26	27	PEG	**2.09**		**1.12**		0.97		1050	
MDRC11	27	28	PEG	**1.78**		**1.04**		0.74		1460	
MDRC11	28	29	PEG	**2.70**		**1.67**		**1.03**		2690	
MDRC11	29	30	PEG	**1.73**		**1.01**		0.71		1350	
MDRC11	30	31	PEG	**2.11**		**1.44**		0.67		609	
MDRC11	31	32	PEG	**2.15**		**1.35**		0.80		927	
MDRC11	32	33	PEG	**1.64**	**7m at 2.03**	0.95	**1.23**	0.68	0.80	856	0.13

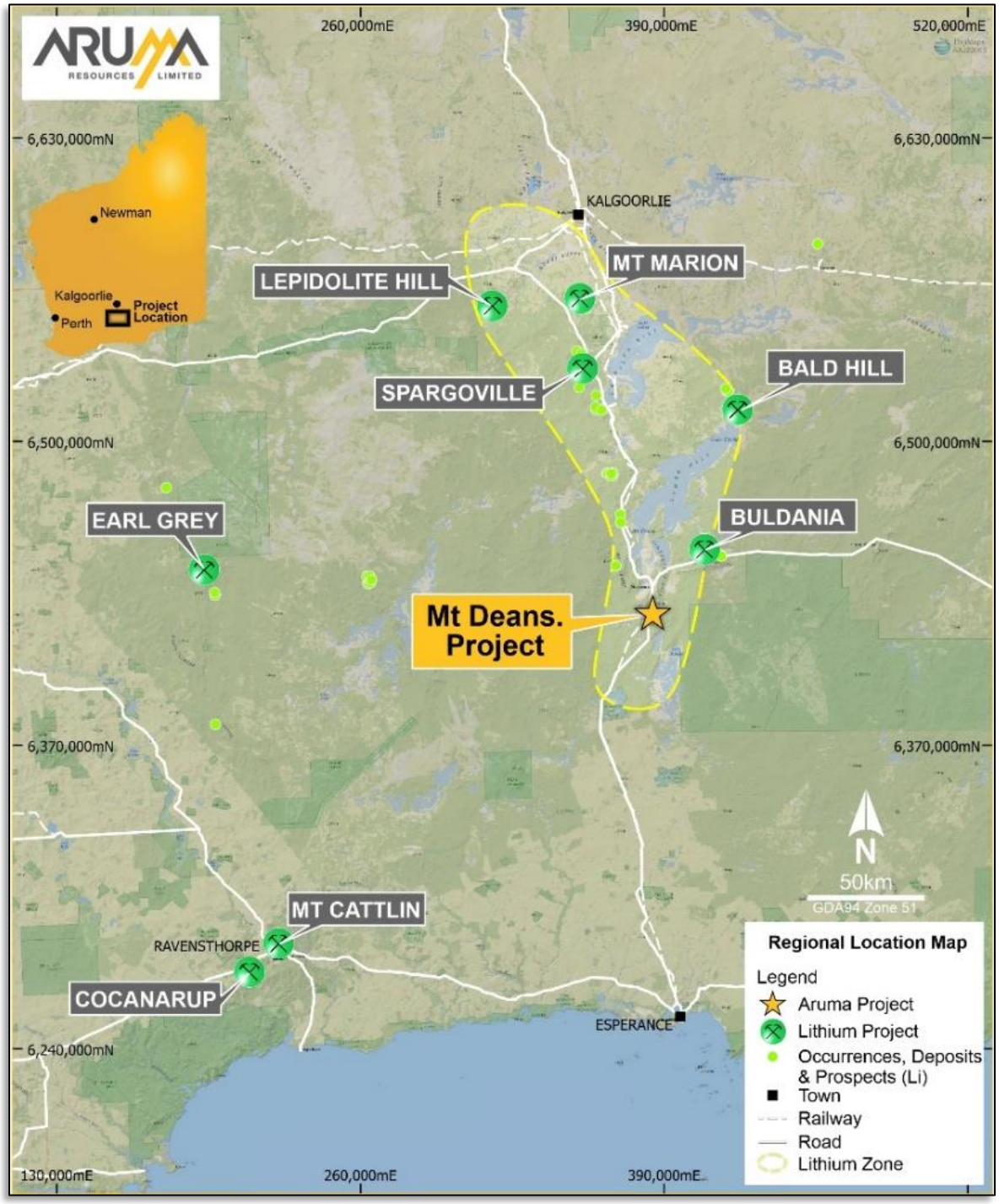

Figure 1: Mt Deans Project location in the Eastern Goldfields Lithium corridor

The Rubidium/Lithium plot (*Figure 3*) demonstrates that the highest lithium grades were in the pegmatite, but of interest is that the highest rubidium grades were in the contact pegmatite-mafic mix. This may be the rubidium bearing muscovite forming the alteration zone on contacts.

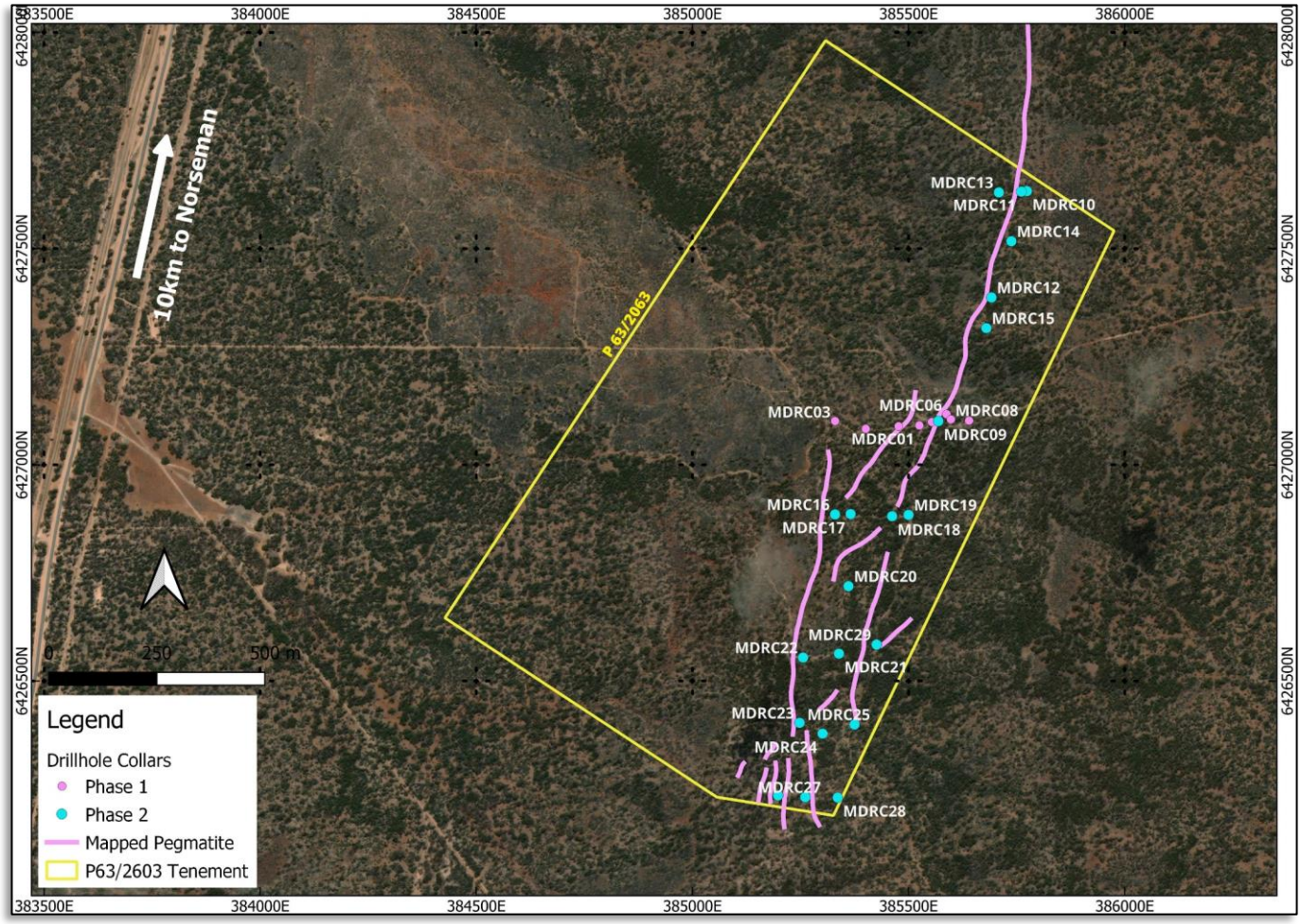

Figure 2: Mt Deans RC drilling along the interpreted pegmatite

The zoning and grade distribution suggests that there are lepidolite rich pegmatites (high Li and Rb) and the contact material (low Li and high Rb) with a yet to be identified mineral. Mineralogy will be completed on drill samples to confirm these assumptions.

The altered mafic on the pegmatite contact contains quite high rubidium grades but decreased lithium grades indicating a different mineralogy.

The pegmatite intersected in hole MDRC11 has a high Li_2O and Rb_2O content and can be identified as lepidolite rich. The alteration zone within hole MDRC09 displays a high Rb/Li ratio and is interpreted to have a component of rubidium mica which would be expected next to a pegmatite. Additional analysis of the mineralogy is in progress.

The suggested mineralogy of the Li-Rb being in two micas may have benefits in concentrating the valuable elements in a potential future mining operation, as they are amenable to relatively simple and cheap floatation methods.

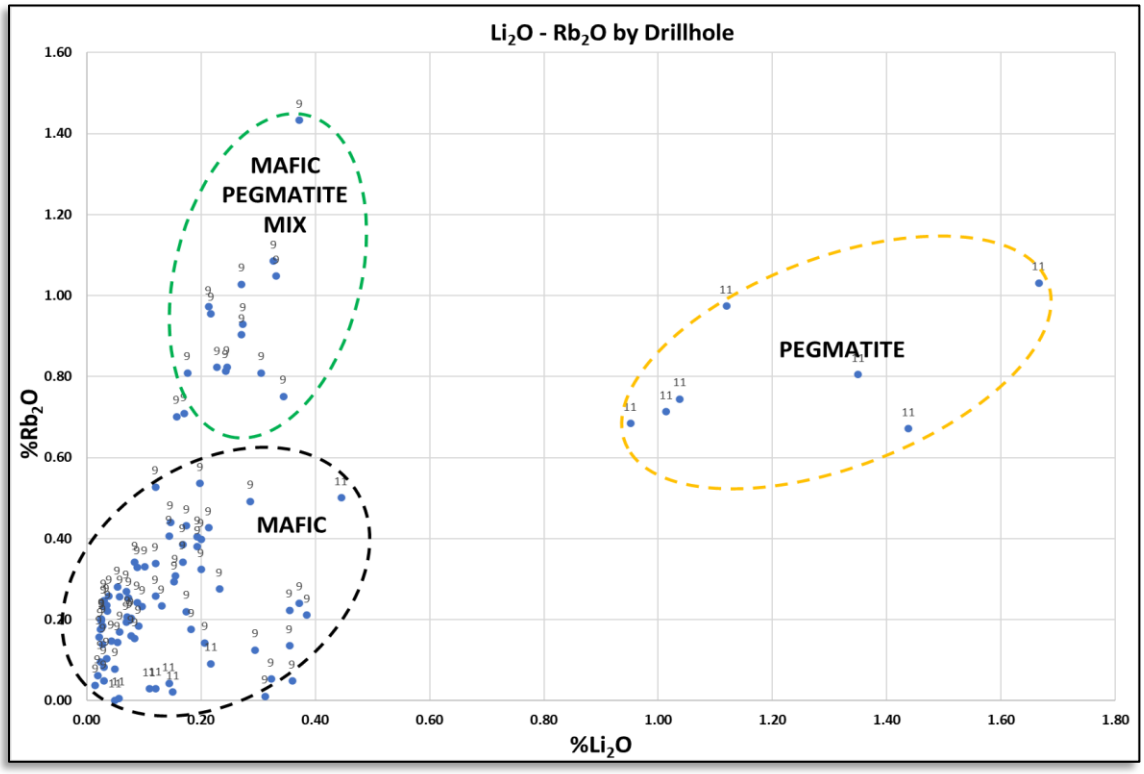

Figure 3: Results to date showing Li-Rb distribution in the three rock types with strong grouping

About the Mt Deans Lithium-Rubidium Project

The 100%-owned Mt Deans Project (P63/2063) is located in the Mt Deans pegmatite field, within the Eastern Goldfields Terrane of the Yilgarn Craton, approximately 170 kilometres south of the major regional centre of Kalgoorlie and approximately 10 kilometres south of the mining town of Norseman.

The Project sits within the lithium corridor in south-east WA, which hosts multiple significant hard-rock lithium projects. It is interpreted to sit within the same host rocks and structures as the significant nearby Mt Marion, Bald Hill and Buldania Lithium Projects (*Figure 3*).

This announcement has been authorised for release by the Board of Aruma Resources Ltd.

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Table 2: Drill hole details of Phase 2 Mt Deans drilling program (Grid is GDA94 Z51)

Hole ID	Easting mE	Northing mN	RL	Depth	Dip	Azim
MDRC09	385,569	6,427,101	408	84	-90	360
MDRC10	385,774	6,427,633	408	22	-60	270
MDRC11	385,761	6,427,632	454	97	-70	270
MDRC12	385,733	6,427,514	416	20	-60	90
MDRC13	385,709	6,427,630	448	78	-60	90
MDRC14	385,738	6,427,517	487	77	-60	278
MDRC15	385,680	6,427,316	483	80	-60	278
MDRC16	385,330	6,426,885	479	46	-60	271
MDRC17	385,366	6,426,886	423	90	-60	271
MDRC18	385,462	6,426,881	434	48	-60	270
MDRC19	385,500	6,426,884	454	91	-60	270
MDRC20	385,361	6,426,719	423	83	-60	270
MDRC21	385,339	6,426,563	447	90	-60	270
MDRC22	385,256	6,426,554	457	30	-60	271
MDRC23	385,248	6,426,403	420	78	-60	273
MDRC24	385,301	6,426,378	482	90	-60	273
MDRC25	385,375	6,426,399	465	120	-57	273
MDRC26	385,198	6,426,235	474	38	-60	272
MDRC27	385,261	6,426,231	395	60	-60	275
MDRC28	385,336	6,426,230	444	40	-60	275
MDRC29	385,426	6,426,584	443	47	-60	270

Competent person statement

The information in this release that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Peter Schwann who is a Fellow of the AIG. Mr Schwann is Managing Director and a full time employee of the Company. Mr Schwann has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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 Reserve'. Mr Schwann consents to the inclusion in the release of the matters based on his information in the form and context in which it appears. All exploration results reported have previously been released to ASX and are available to be viewed on the Company website www.arumaresurces.com. The Company confirms it is not aware of any new information that materially affects the information included in the original announcement. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original announcements.

Forwood Looking Statement

Certain statements contained in this document constitute forward looking statements. Such forward-looking statements are based on a number of estimates and assumptions made by the Company and its consultants in light of experience, current conditions and expectations of future developments which the Company believes are appropriate in the current circumstances. These estimates and assumptions while considered reasonable by the Company are subject to known and unknown risks, uncertainties and other factors which may cause the actual results, achievements and performance of the Company to be materially different from the future results

and achievements expressed or implied by such forward-looking statements. Forward looking statements include, but are not limited to, statements preceded by words such as “planned”, “expected”, “projected”, “estimated”, “may”, “scheduled”, “intends”, “anticipates”, “believes”, “potential”, “could”, “nominal”, “conceptual” and similar expressions. There can be no assurance that Aruma plans to develop exploration projects that will proceed with the current expectations. There can be no assurance that Aruma will be able to conform the presence of Mineral Resources or Ore Reserves, that any mineralisation will prove to be economic and will be successfully developed on any of Aruma’s mineral properties. Investors are cautioned that forward looking information is no guarantee of future performance and accordingly, investors are cautioned not to place undue reliance on these forward-looking statements.

Table 3: Drill Hole Assays of Phase 2 Mt Deans

		Down Hole	WEI-21	PUL-QC	Logged	ME-ICP89	ME-ICP89	ME-MS91	Calculated		Combined	Average	Intercept	ME-MS91	ME-MS91	ME-MS91
		m	**Recvd Wt.**	**Pass75um**	**Rock**	**K2O**	**Li**	**Rb**	**Li_2O**	**Rb_20**	**Rb2O Li2O**	**Rb2O Li2O**	**Rb2O Li2O**	**Cs**	**Sn**	**Ta**
sampno	Hole	To	kg	%	Type	%	%	ppm	%	%	%	%	>0.5% average	ppm	ppm	ppm
AR15001	MDRC 9	1.00	0.52	94.00	PEG	1.92	0.06	4820.00	0.12	0.53	0.65			353.00	121.00	19
AR15002	MDRC 9	2.00	2.82		PEG	0.98	0.03	2470.00	0.07	0.27	0.34			190.00	70.00	21.6
AR15003	MDRC 9	3.00	0.49		PEG	0.45	0.01	761.00	0.03	0.08	0.11			68.90	38.00	139
AR15004	MDRC 9	4.00	1.05		PEG	0.36	0.01	563.00	0.02	0.06	0.08			43.50	22.00	163.5
AR15005	MDRC 9	5.00	1.96		PEG	1.92	0.09	3640.00	0.20	0.40	0.60			215.00	133.00	387
AR15006	MDRC 9	6.00	2.87		PEG	1.96	0.10	3900.00	0.21	0.43	0.64			246.00	146.00	422
AR15007	MDRC 9	7.00	3.72		PEG	1.17	0.05	2120.00	0.10	0.23	0.33			124.00	112.00	183
AR15008	MDRC 9	8.00	0.59		PEG	0.88	0.04	1460.00	0.08	0.16	0.24			78.30	82.00	132
AR15009	MDRC 9	9.00	1.23		PEG	2.06	0.08	3130.00	0.17	0.34	0.51			135.50	152.00	76.6
AR15010	MDRC 9	10.00	2.42		PEG	1.51	0.06	2360.00	0.12	0.26	0.38			111.00	132.00	77.9
AR15011	MDRC 9	11.00	1.10		PEG	0.76	0.02	951.00	0.03	0.10	0.14			50.20	43.00	104.5
AR15012	MDRC 9	12.00	1.67		PEG	1.23	0.04	1815.00	0.08	0.20	0.27			101.50	69.00	105.5
AR15013	MDRC 9	13.00	1.45		PEG	1.49	0.07	2680.00	0.15	0.29	0.45			129.50	192.00	71.1
AR15014	MDRC 9	14.00	0.89		PEG	1.09	0.06	2140.00	0.13	0.23	0.37			124.00	200.00	81.2
AR15015	MDRC 9	15.00	1.18		PEG	1.47	0.09	2960.00	0.20	0.32	0.52			152.50	280.00	69.7
AR15016	MDRC 9	16.00	1.23		PEG	0.75	0.04	1400.00	0.08	0.15	0.24			80.50	118.00	68.6
AR15017	MDRC 9	17.00	1.26		PEG	0.84	0.02	1345.00	0.04	0.15	0.19			92.80	56.00	180.5
AR15018	MDRC 9	18.00	1.14		PEG	0.99	0.03	1545.00	0.06	0.17	0.23			85.40	80.00	140.5
AR15019	MDRC 9	19.00	1.05		PEG	1.20	0.03	1885.00	0.07	0.21	0.28			89.00	63.00	89.8
AR15020	MDRC 9	20.00	1.37		PEG	1.85	0.09	3480.00	0.19	0.38	0.57			200.00	80.00	136
AR15021	MDRC 9	21.00	0.89		PEG	1.43	0.07	2820.00	0.15	0.31	0.46			188.50	92.00	328
AR15022	MDRC 9	22.00	1.08		PEG	0.94	0.03	1770.00	0.07	0.19	0.26			111.00	71.00	241
AR15023	MDRC 9	23.00	1.31		PEG	2.29	0.04	3010.00	0.09	0.33	0.42			167.50	78.00	204
AR15024	MDRC 9	24.00	1.90		PEG	1.47	0.06	3090.00	0.12	0.34	0.46			202.00	100.00	139.5
AR15025	MDRC 9	25.00	2.31		PEG	1.39	0.04	3120.00	0.08	0.34	0.43			187.50	98.00	167.5
AR15026	MDRC 9	26.00	2.01		MAF-PEG	3.05	0.11	7530.00	0.25	0.82	1.07			501.00	267.00	84.1
AR15027	MDRC 9	27.00	2.33		MAF-PEG	1.52	0.07	3710.00	0.14	0.41	0.55			263.00	130.00	20.8
AR15028	MDRC 9	28.00	1.94		MAF-PEG	1.35	0.08	3520.00	0.17	0.38	0.55			240.00	145.00	17
AR15029	MDRC 9	29.00	1.67		MAF-PEG	1.39	0.05	3020.00	0.10	0.33	0.43			184.50	81.00	12.1
AR15030	MDRC 9	30.00	2.00		MAF-PEG	2.42	0.07	6410.00	0.16	0.70	0.86			404.00	163.00	25.1
AR15031	MDRC 9	31.00	2.85		MAF-PEG	2.52	0.08	6480.00	0.17	0.71	0.88			405.00	165.00	13.3
AR15032	MDRC 9	32.00	2.29		MAF-PEG	2.65	0.08	7400.00	0.18	0.81	0.99			447.00	204.00	10.8
AR15033	MDRC 9	33.00	2.13		MAF-PEG	3.15	0.10	8890.00	0.21	0.97	1.19			557.00	233.00	39.1
AR15034	MDRC 9	34.00	2.32		MAF-PEG	4.72	0.17	13100.00	0.37	1.43	1.81			948.00	304.00	43.7
AR15035	MDRC 9	35.00	2.10		MAF-PEG	3.64	0.15	9920.00	0.33	1.08	1.41			754.00	247.00	51.9
AR15036	MDRC 9	36.00	2.03		MAF-PEG	3.07	0.13	8500.00	0.27	0.93	1.20			637.00	253.00	59.7
AR15037	MDRC 9	37.00	2.35		MAF-PEG	2.83	0.13	8260.00	0.27	0.90	1.17			602.00	280.00	25
AR15038	MDRC 9	38.00	2.67		MAF-PEG	1.98	0.09	4900.00	0.20	0.54	0.73			342.00	200.00	62.9
AR15039	MDRC 9	39.00	1.93		MAF-PEG	3.01	0.10	8740.00	0.22	0.96	1.17			561.00	232.00	16.8
AR15040	MDRC 9	40.00	2.33		MAF-PEG	3.16	0.13	9400.00	0.27	1.03	1.30			651.00	222.00	13
AR15041	MDRC 9	41.00	2.44		MAF-PEG	2.68	0.11	7440.00	0.24	0.81	1.06			497.00	179.00	11.6
AR15042	MDRC 9	42.00	2.16		MAF-PEG	1.05	0.11	2520.00	0.23	0.28	0.51			166.00	128.00	11.2
AR15043	MDRC 9	43.00	2.26		MAF-PEG	0.08	0.15	95.90	0.31	0.01	0.32			10.80	79.00	1.5
AR15044	MDRC 9	44.00	2.50		MAF-PEG	0.22	0.17	444.00	0.36	0.05	0.41			36.40	103.00	3
AR15045	MDRC 9	45.00	1.94		MAF-PEG	0.66	0.09	1610.00	0.18	0.18	0.36			109.50	80.00	5.9
AR15046	MDRC 9	46.00	2.32		MAF-PEG	2.28	0.16	6870.00	0.34	0.75	1.10			471.00	265.00	10.3
AR15047	MDRC 9	47.00	2.53		MAF-PEG	1.44	0.09	3700.00	0.19	0.40	0.60			261.00	144.00	11.4
AR15048	MDRC 9	48.00	2.74		MAF-PEG	2.78	0.14	7400.00	0.31	0.81	1.11			535.00	274.00	26.3
AR15049	MDRC 9	49.00	2.33		MAF-PEG	3.65	0.15	9580.00	0.33	1.05	1.38			693.00	513.00	85.4
AR15050	MDRC 9	50.00	2.41		MAF-PEG	2.89	0.11	7520.00	0.23	0.82	1.05			473.00	283.00	24.1
AR15051	MDRC 9	51.00	1.67	94.00	MAF-PEG	1.80	0.13	4500.00	0.29	0.49	**0.78**	**0.83**	**32m**	292.00	390.00	79.9

Table 3 (continued): Drill Hole Assays of Phase 2 Mt Deans

		Down Hole	WEI-21	PUL-QC	Logged	ME-ICP89	ME-ICP89	ME-MS91	Calculated		Combined	Average	Intercept	ME-MS91	ME-MS91	ME-MS91
		m	**Recvd Wt.**	**Pass75um**	**Rock**	**K2O**	**Li**	**Rb**	**Li_2O**	**Rb_20**	**Rb2O Li2O**	**Rb2O Li2O**	**Rb2O Li2O**	**Cs**	**Sn**	**Ta**
sampno	Hole	To	kg	%	Type	%	%	ppm	%	%	%	%	>0.5% average	ppm	ppm	ppm
AR15052	MDRC 9	52.00	2.46		MAF-PEG	1.05	0.04	1855.00	0.08	0.20	0.28			170.00	132.00	204
AR15053	MDRC 9	53.00	2.04		PEG	1.10	0.01	1270.00	0.03	0.14	0.17			70.40	43.00	204
AR15054	MDRC 9	54.00	2.51		PEG	1.39	0.01	1440.00	0.02	0.16	0.18			58.50	43.00	124
AR15055	MDRC 9	55.00	2.62		PEG	1.92	0.01	1690.00	0.03	0.18	0.21			63.60	58.00	183
AR15056	MDRC 9	56.00	2.21		PEG	2.21	0.01	2260.00	0.03	0.25	0.28			79.10	73.00	218
AR15057	MDRC 9	57.00	1.95		PEG	2.21	0.02	2160.00	0.03	0.24	0.27			83.00	62.00	137.5
AR15058	MDRC 9	58.00	2.72		PEG	2.19	0.03	2350.00	0.06	0.26	0.32			108.00	67.00	171.5
AR15059	MDRC 9	59.00	0.75		PEG	1.48	0.03	2310.00	0.07	0.25	0.33			157.00	66.00	298
AR15060	MDRC 9	60.00	2.53		PEG	2.35	0.07	4030.00	0.15	0.44	0.59			273.00	113.00	258
AR15061	MDRC 9	61.00	2.52		PEG	2.34	0.08	3950.00	0.17	0.43	0.61			274.00	107.00	271
AR15062	MDRC 9	62.00	2.65		PEG	1.39	0.04	2220.00	0.09	0.24	0.33			144.00	60.00	182
AR15063	MDRC 9	63.00	1.96		PEG	2.18	0.02	2360.00	0.04	0.26	0.30			82.00	56.00	151
AR15064	MDRC 9	64.00	2.41		PEG	1.86	0.02	2020.00	0.04	0.22	0.26			86.80	65.00	148
AR15065	MDRC 9	65.00	1.45		PEG	1.91	0.01	1825.00	0.03	0.20	0.23			65.50	74.00	150.5
AR15066	MDRC 9	66.00	2.24		PEG	2.18	0.01	1845.00	0.03	0.20	0.23			58.80	48.00	186.5
AR15067	MDRC 9	67.00	2.78		PEG	1.90	0.01	1795.00	0.03	0.20	0.22			55.80	49.00	162
AR15068	MDRC 9	68.00	2.42		PEG	1.86	0.01	1615.00	0.02	0.18	0.20			47.80	39.00	149.5
AR15069	MDRC 9	69.00	1.80		PEG	0.80	0.01	877.00	0.02	0.10	0.12			36.70	28.00	112
AR15070	MDRC 9	70.00	2.38		PEG	0.40	0.01	445.00	0.03	0.05	0.08			16.00	13.00	126
AR15071	MDRC 9	71.00	1.88		PEG	0.31	0.01	351.00	0.02	0.04	0.05			12.40	11.00	138.5
AR15072	MDRC 9	72.00	2.04		PEG	0.55	0.02	714.00	0.05	0.08	0.13			30.60	23.00	118.5
AR15073	MDRC 9	73.00	2.11		PEG	1.40	0.04	1680.00	0.09	0.18	0.27			64.70	52.00	147.5
AR15074	MDRC 9	74.00	2.16		PEG	2.05	0.03	2560.00	0.05	0.28	0.33			87.20	64.00	102.5
AR15075	MDRC 9	75.00	1.65		PEG	1.81	0.01	2130.00	0.03	0.23	0.26			61.60	43.00	132
AR15076	MDRC 9	76.00	1.67		PEG	1.28	0.03	1315.00	0.05	0.14	0.20			56.40	48.00	91.3
AR15077	MDRC 9	77.00	1.94		MAF-PEG	1.47	0.08	2010.00	0.17	0.22	0.39			142.00	99.00	175.5
AR15078	MDRC 9	78.00	1.83		MAF-PEG	1.12	0.10	1305.00	0.21	0.14	0.35			73.90	158.00	109
AR15079	MDRC 9	79.00	2.00		MAF	0.89	0.14	1145.00	0.29	0.13	0.42			85.30	265.00	28.1
AR15080	MDRC 9	80.00	1.90		MAF	0.61	0.15	489.00	0.32	0.05	0.38			50.70	168.00	4.5
AR15081	MDRC 9	81.00	1.44		MAF	1.11	0.17	1240.00	0.36	0.14	0.49			72.90	228.00	8
AR15082	MDRC 9	82.00	2.05		MAF	1.07	0.18	1930.00	0.39	0.21	0.60			160.50	127.00	3.5
AR15083	MDRC 9	83.00	2.07		MAF	1.32	0.17	2200.00	0.37	0.24	0.61			138.50	126.00	1.5
AR15084	MDRC 9	84.00	1.22		MAF	1.80	0.17	2040.00	0.36	0.22	**0.58**	**0.57**	**4m**	67.00	204.00	2.4
AR15127	MDRC 11	23.00	1.35	97.00	MAF	0.16	0.02	12.00	0.05	0.00	0.05			9.30	1.00	0.9
AR15128	MDRC 11	24.00	0.88		MAF	0.13	0.03	51.20	0.06	0.01	0.06			9.60	1.00	1.5
AR15129	MDRC 11	25.00	1.93		MAF	0.26	0.07	195.50	0.15	0.02	0.17			30.00	1.00	2.3
AR15130	MDRC 11	26.00	2.63		MAF-PEG	1.75	0.21	4580.00	0.45	0.50	0.95			399.00	197.00	230
AR15131	MDRC 11	27.00	3.75		PEG	2.99	0.52	8910.00	1.12	0.97	2.09			1050.00	236.00	245
AR15132	MDRC 11	28.00	1.99		PEG	1.96	0.48	6810.00	1.04	0.74	1.78			1460.00	202.00	506
AR15133	MDRC 11	29.00	2.35		PEG	2.64	0.77	9430.00	1.67	1.03	2.70			2690.00	202.00	678
AR15134	MDRC 11	30.00	2.69		PEG	2.08	0.47	6520.00	1.01	0.71	1.73			1350.00	220.00	440
AR15135	MDRC 11	31.00	2.13		PEG	2.27	0.67	6140.00	1.44	0.67	2.11			609.00	155.00	214
AR15136	MDRC 11	32.00	1.92		PEG	2.50	0.63	7360.00	1.35	0.80	2.15			927.00	186.00	285
AR15137	MDRC 11	33.00	1.44		PEG	2.25	0.44	6260.00	0.95	0.68	**1.64**	**1.89**	**8m**	856.00	212.00	279
AR15138	MDRC 11	34.00	1.39		MAF	0.45	0.10	832.00	0.22	0.09	0.31			174.00	24.00	47.7
AR15139	MDRC 11	35.00	0.60		MAF	0.24	0.06	272.00	0.12	0.03	0.15			54.10	8.00	21.7
AR15140	MDRC 11	36.00	1.58		MAF	0.35	0.07	386.00	0.14	0.04	0.19			117.50	6.00	19.5
AR15141	MDRC 11	37.00	1.52		MAF	0.28	0.05	265.00	0.11	0.03	0.14			81.90	5.00	15.2

Section 1 Sampling Techniques and Data

The following data is in relation to Drill Holes in the announcement and the individual holes are listed in the Announcement.

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 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.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 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.*	• RC drill samples are taken from various depth holes and sampled in 1m intervals • Samples are listed from depth down hole. • Samples were rotary split into calico bags for assay with the 1m bulk samples left on site • Samples were assayed by sodium peroxide fusion followed by ICP-AES and ICP-MS
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.).*	• Drilling was done with a track mounted RC rig using industry standard sampling methods.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *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.*	• The best endeavors were used to ensure sample recovery and splitting gave the best quality possible. Sample weights are issued by the laboratory with assays.
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*	• All samples were logged geologically and qualitatively.

Criteria	JORC Code explanation	Commentary
	studies. • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.* • *The total length and percentage of the relevant intersections logged.*	
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• All samples rotary split and noted wet or dry. Holes were stopped when samples were wet. • The sample size satisfied the Gy size requirements.
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	• Laboratory standards and methods will be industry standards. • Duplicate field samples were at 20m intervals • All sample batches were run with Laboratory Standards and Blanks • All samples were weighed prior to splitting for assay • Range was 0.60 to 3.75kg • Average was 1.94kg with SD of 0.6kg • The assays from 750g Split and pulverized to >85% <75um
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• All significant intersections were inspected by at least two competent and relevant geologists. • No current holes were twinned as this is not required in grass roots exploration.
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.*	• Initial hole layout was by GPS. All locations are GDA94.

Criteria	JORC Code explanation	Commentary
	• *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	
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 grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	• The hole spacing was done to intersect all pegmatites and follow up previous intersections • The sections were nominally 100m apart and the infill holes 50m apart. • Compositing was not done on any samples.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *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.*	• Drill holes were sited and oriented to best intersect steep subvertical pegmatites
Sample security	• *The measures taken to ensure sample security.*	• All samples logged and numbered on site and checked as drilled, as logged, as loaded to laboratory and as submitted.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No audits were done.

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code 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.*	• All tenements and issues required are detailed in the reports. • All work done under PoWs. • All work was done in heritage cleared and permitted areas • All work was done adhering to the DBCA Environmental Management Procedures

Criteria	JORC Code explanation	Commentary
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• The reports are acknowledged in the announcement and is numbered as an A report in Minedex where used
Geology	• *Deposit type, geological setting and style of mineralisation.*	• Pegmatite “Tree” and “Cauldron” model published by Aruma in previous announcements and presentations.

Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill 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.*
		• All drill holes tabled in the Report and used GDA94 grid

Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are 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 reporting of metal equivalent values should be clearly stated.*	• Drill holes are oriented to get intersections as close to true widths as possible. • Metal equivalents never used.
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 (eg ‘down hole length, true width not known’).*	• Mineralisation widths are being generated by best fit on sections.

Criteria	JORC Code explanation	Commentary
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.*	• As done
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.*	• This is an interim report to announce significant intersections as received • The proportion of mineralised and unmineralized holes are clearly stated in the report
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.*	• All A reports and associated previous data are listed to source the original reported data.
Further work	• *The nature and scale of planned further work (eg 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.*	• As detailed in the report.