ASX and Media Release

27 August 2021

World Class Rubidium Potential at Niobe

- **Aldoro defines an initial Exploration Target over part of the Niobe Pegmatite 1**
- **The Niobe Tantalum prospect has been re-evaluated for Rubidium potential with historical Rubidium oxide (Rb_2O) up to 1.09% from mid-1980's RC drill holes**
- **The majority of the mapped Pegmatite 1 remains untested for Rubidium**
- **Drilling at the Niobe Project to commence in late September and will also target the Lithium potential of the mapped pegmatites.**

Aldoro is pleased to announce that it has defined an initial Exploration Target of approximately 33,000-150 ,000 tonnes at grades ranging 696-1457ppm Rubidium Oxide (Rb_2O) over an area bound by 80m by 65m of detailed drilling. The area represents less than half the mapped section of the Niobe pegmatite (Pegmatite No.1). The potential quantity and grade of the Exploration Target is conceptual in nature and therefore is an approximation. There has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource. The Exploration Target has been prepared and reported in accordance with the 2012 edition of the JORC Code.

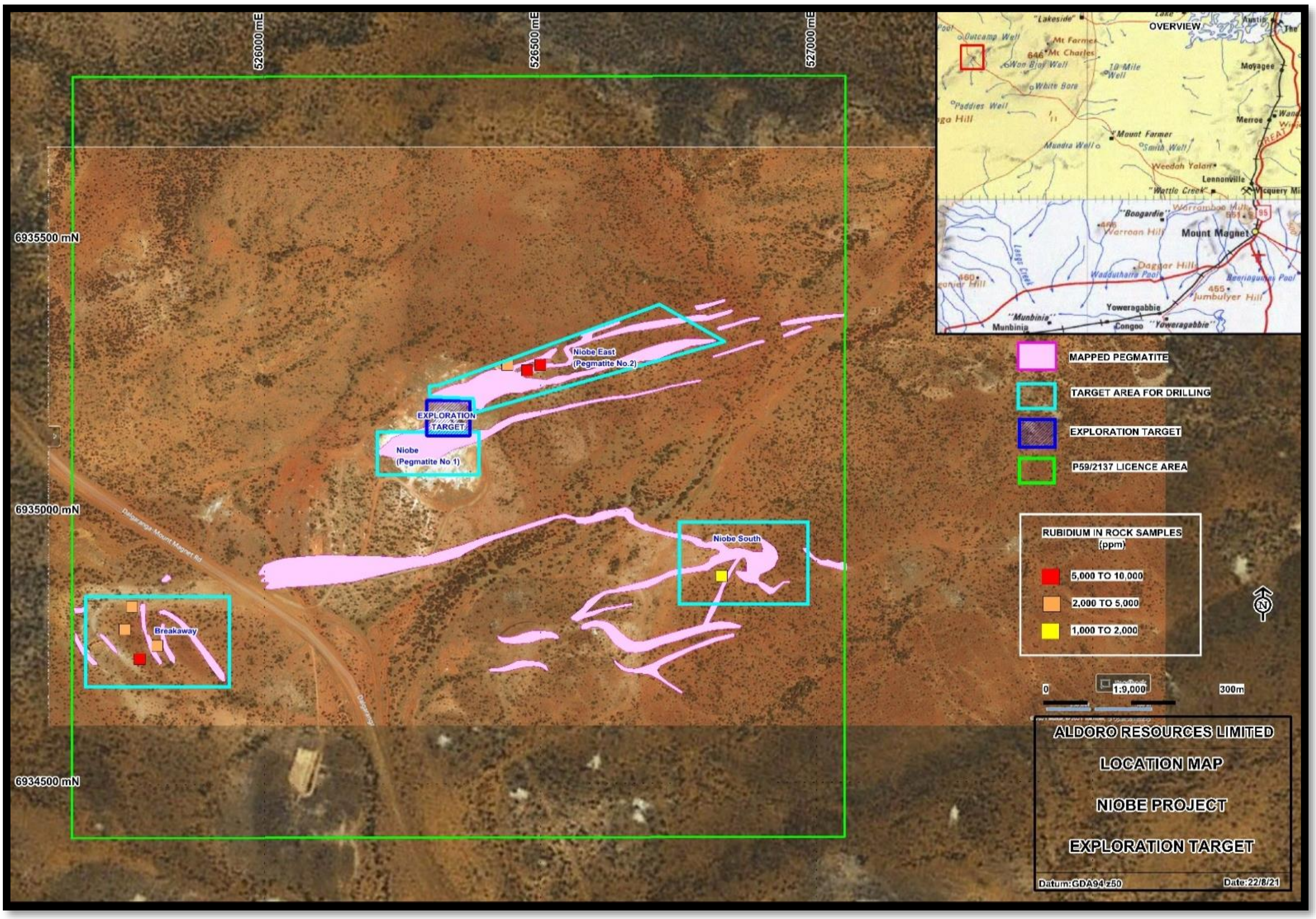

Figure 1: Location Map showing the location of the Exploration Target, mapped pegmatites, and proposed areas for drilling. Also shown are the few rock samples with Rb analyses available.

The results are based on historical (1984-1986) drilling by Pancontinental Mining Limited from 31 close interval (top to tail) holes, ~10m spacing East-West and ~15m spacing north-south over an area of 80m (E-W) by 65m (N-S). RC hole depths ranged from 13 to 48m (average 29m) with 26 inclined holes at 60-70^{o} at azimuths of 180^{o} (south) and 5 vertical holes.

Down hole sampling was conducted at 1m intervals with assays available for the pegmatite intervals and contact zones, resulting in 809 samples. Sub-samples were analysed for the lithium suite (Li, Rb, Cs, Nb, Ta, Sn, K & Na) by combined XRF and total acid digest and AAS finish.

Drilling indicated a shallow dipping pegmatite northly dipping sheet that plunges to the northwest, flares at surface and gently tappers with depth and in drill profile ranges from 25 to 35m in true thickness, but tappers off to the NE (strike). The pegmatite is zoned with a wall zone, intermediate zone and quartz rich core. The inclined quartz core is also zoned towards the base and most of the mineralisation occurs in the intermediate zone contact zone with the lithium rich zinnwaldite mineral dominate along the lower zone and is associated the enriched rubidium.

Apart from the Niobe pit area, where trial mining of tantalum was conducted, and 9 holes reconnaissance holes into Pegmatite 2, the pegmatite field with tenement P59/2173 has not been tested for Rubidium, Lithium and Caesium.

Tantalum was mined in 1996 with 20t of Tantalum heavy mineral concentrate produced onsite from a small shallow pit with the tailings left onsite, the Rubidium appears to be in the micas pertaining to the Zinnwaldite. The drill geochemical assays show that there is no association between Ta and Li/Rb/Cs so it is implied that the majority of the Exploration Target remains onsite.

Aldoro chairman, Mr Joshua Letcher notes to commercial potential of the historical grades and quotes Dr Minlu Fu:

”based *on the News of the Mining Association of Guangdong Province of China, a major Rubidium deposit called the Tiantangshan Rb deposit, was discovered in Guangdong province in 2019. It was reported that the Tiantangshan Rubidium deposit with the resources of Rb_2O over 100,000 tonnes at the average grade 0.109% Rb_2O, is the biggest Rb deposit in the world. On 8 May 2019, the Guangdong Provincial Government made an announcement saying that, as the project will be very profitable, the Provincial Government will invest multibillion RMB to exploit this Rb project in the next five years.*

It seems that the potential resources of the Niobe Rb project of Aldoro Resources Limited may be in the same order with the Tiantongshan Rb deposit with analyses of Rb_2O>1.5% and is associated with other valuable elements, such as Lithium, Caesium and Tantalum “

Forward Plan

The forward programme involves expanding the Exploration Target area encompassing the mapped pegmatite on the western side of Niobe (Pegmatite No.1), the high interest Rb bearing sections of Niobe East (Pegmatite No,2), the Breakaway pegmatites and Niobe South Pegmatites (figure 1). Pending the approval of a Programme of Works (POW) it is anticipated that an RC programme will commence at the end of September.

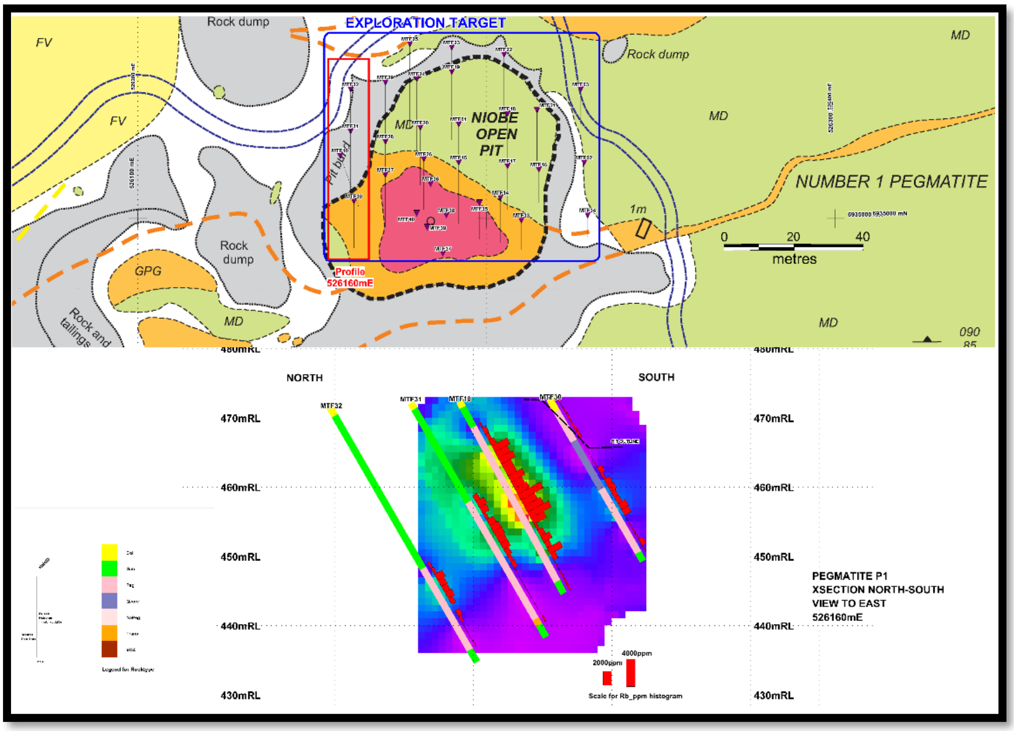

Figure 2: Westerly section (526160mE) across the Exploration Target showing the down hole Rubidium assays in both histogram and thematic image as modelled for the Exploration Target. Key Col- Colluvium, Gab- Gabbro, Peg - Pegmatite, Qcore – quartz core, NaPeg – Sodium Pegmatite, Trans – Transitional lithology, VQZ – massive vein quartz

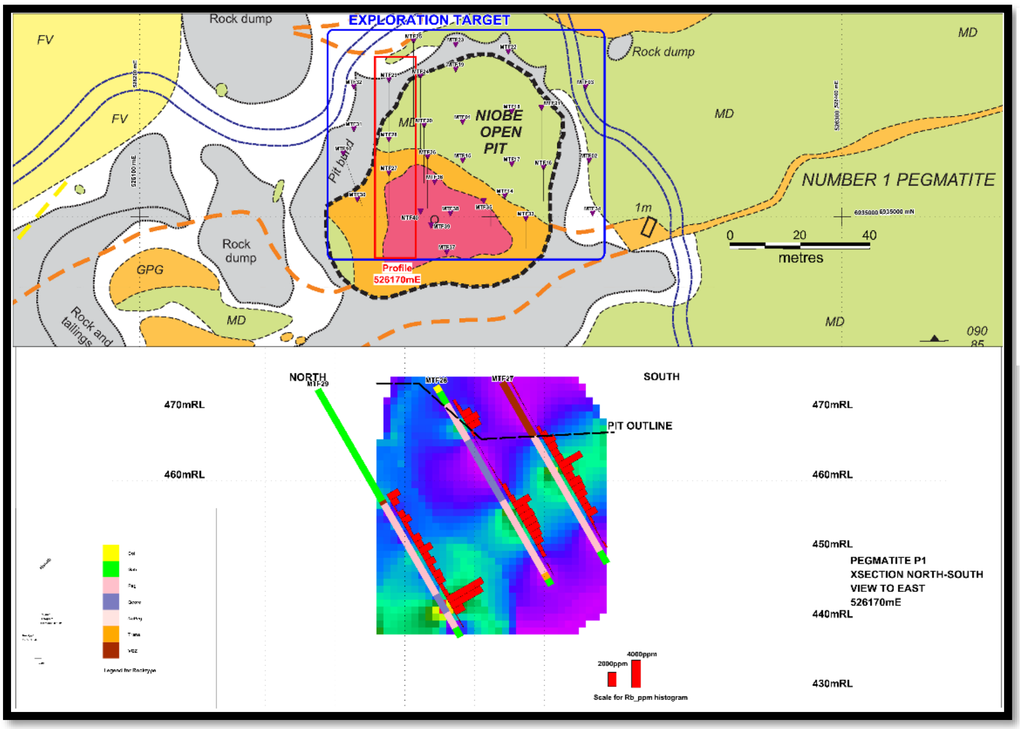

Figure 3: Section 526170mE across the Exploration Target showing the down hole Rubidium assays in both histogram and thematic image as modelled for the Exploration Target

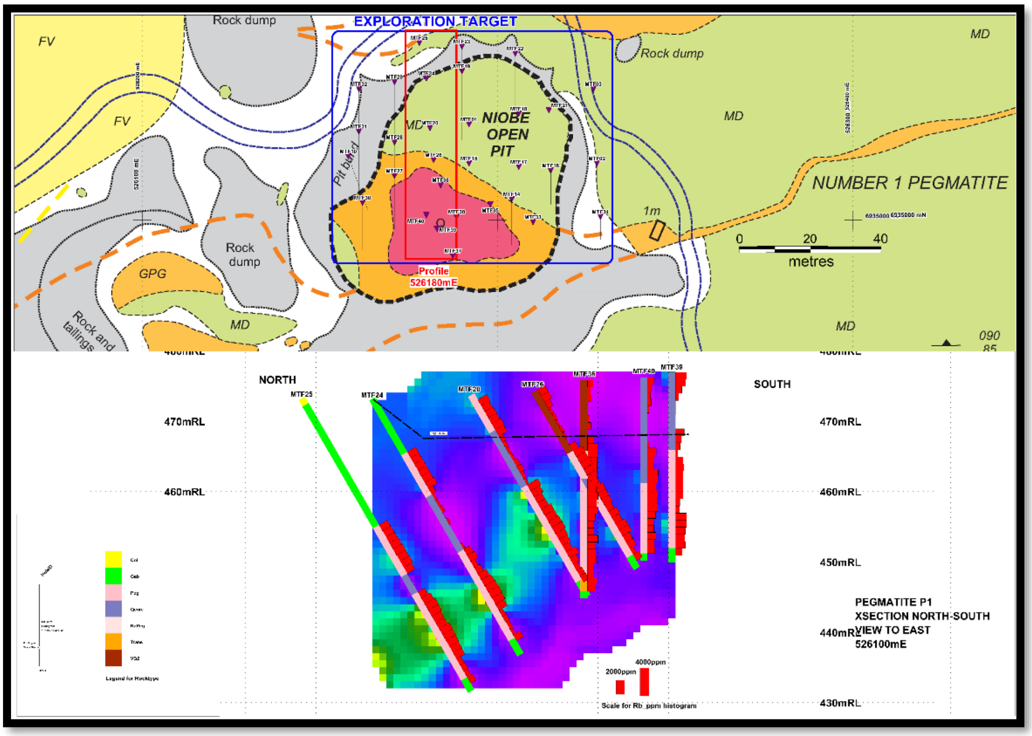

Figure 4: Section 526180mE across the Exploration Target showing the down hole Rubidium assays in both histogram and thematic image as modelled for the Exploration Target

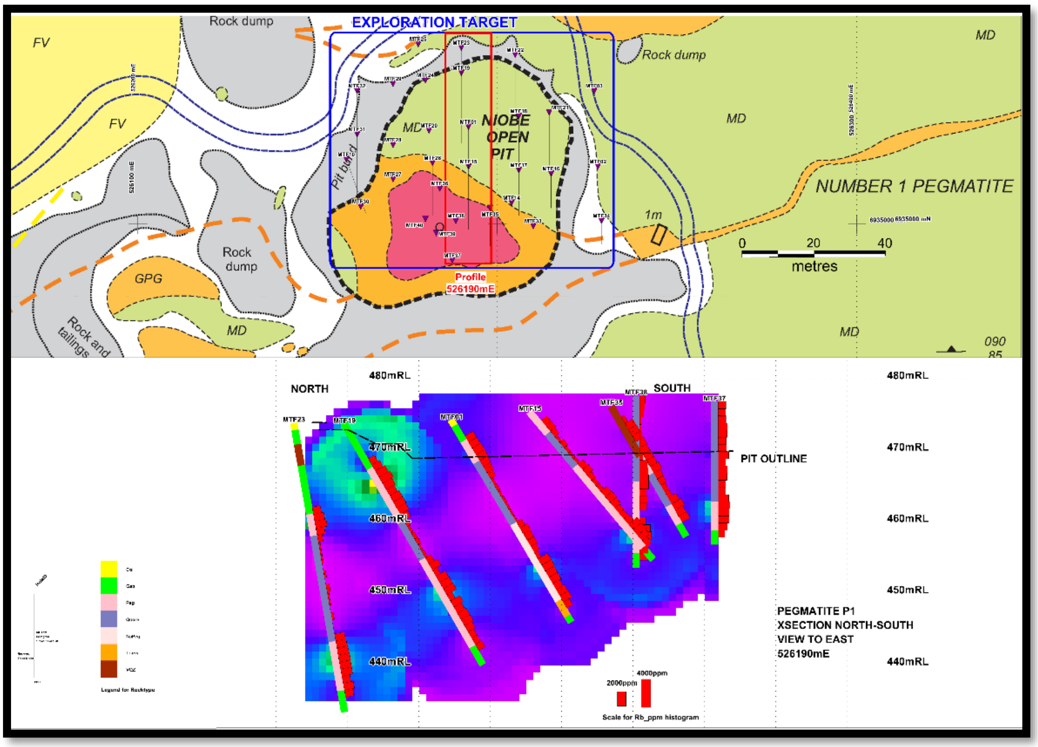

Figure 5: Section 526190mE across the Exploration Target showing the down hole Rubidium assays in both histogram and thematic image as modelled for the Exploration Target

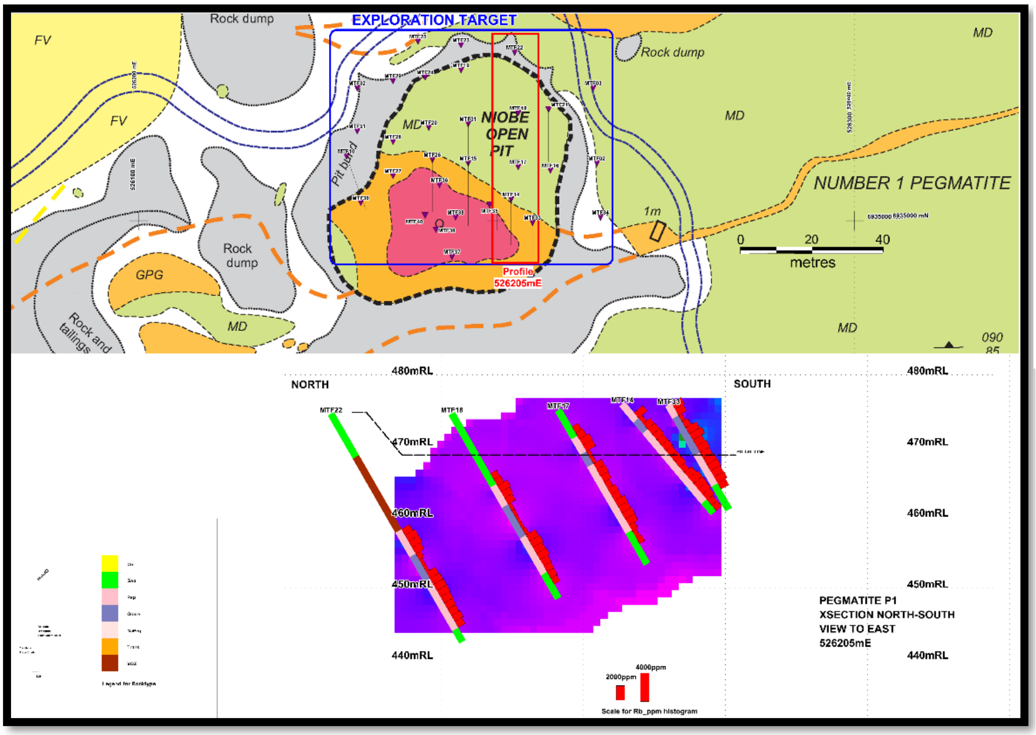

Figure 6: Section 526205mE across the Exploration Target showing the down hole Rubidium assays in both histogram and thematic image as modelled for the Exploration Target

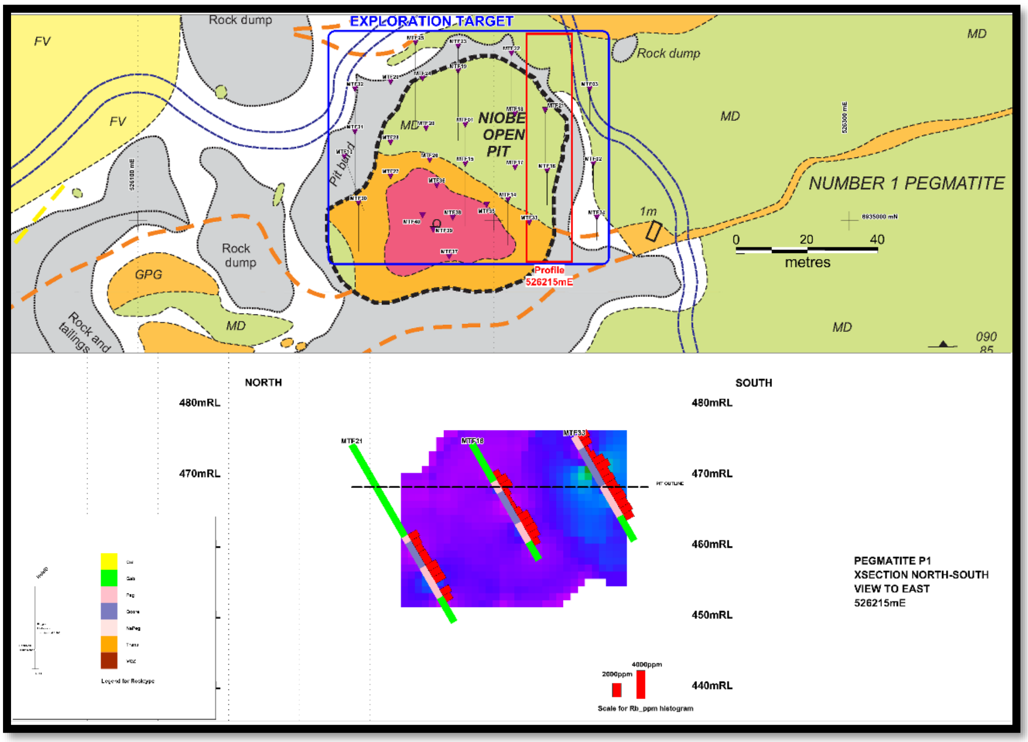

Figure 7: Section 526215mE across the Exploration Target showing the down hole Rubidium assays in both histogram and thematic image as modelled for the Exploration Target

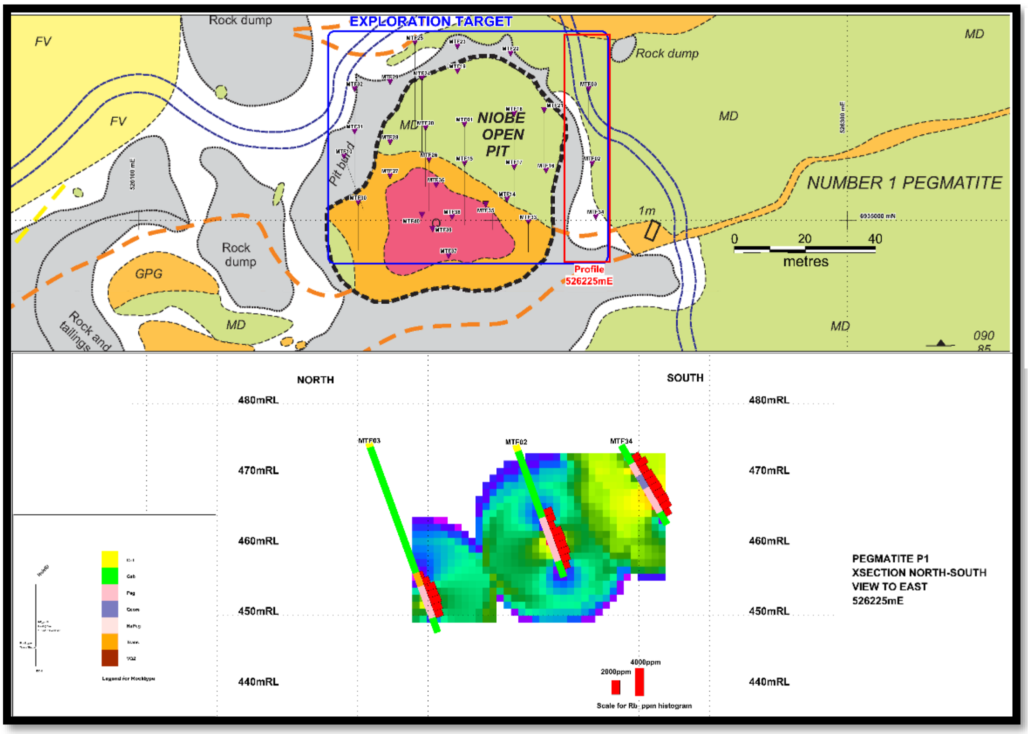

Figure 8: Section 526225mE across the Exploration Target showing the down hole Rubidium assays in both histogram and thematic image as modelled for the Exploration Target.

This Announcement has been approved for release by the Board of Aldoro Resources Ltd

About Aldoro Resources

Aldoro Resources Ltd is an ASX-listed (ASX:ARN) mineral exploration and development company. Aldoro has a collection of gold, nickel and lithium focused advanced exploration projects all located in Western Australia. The Company's flagship project is the Narndee Igneous Complex, highly prospective for Ni- Cu-PGE mineralisation. Aldoro is also currently exploring the Penny South Gold Project, which is contiguous to Ramelius Resources (ASX:RMS) Penny West Project in the Youanmi Gold Mining District, as well as Unaly Hill South (Au) and Kiabye Well (Au). The Company's other projects include the Cathedrals Belt Nickel Project, with a significant tenement holding surround St George Mining's (ASX:SGQ) Mt Alexander Project, the Leinster Nickel Project(Ni), Windimurra Igneous Complex (Ni-Cu- PGE, Li) and Ryans Find (Au, Ni-Cu-PGE).

Disclaimer

Some of the statements appearing in this announcement may be in the nature of forward-looking statements. You should be aware that such statements are only predictions and are subject to inherent risks and uncertainties. Those risks and uncertainties include factors and risks specific to the industries in which Aldoro operates and proposes to operate as well as general economic conditions, prevailing exchange rates and interest rates and conditions in the financial markets, among other things. Actual events or results may differ materially from the events or results expressed or implied in any forward- looking statement. No forward-looking statement is a guarantee or representation as to future performance or any other future matters, which will be influenced by several factors and subject to various uncertainties and contingencies, many of which will be outside Aldoro's control.

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Competent Persons Statement

The information in this announcement that relates to exploration data and results derived from open file reports and information supplied by the current licence holder has been prepared in accordance with the 2012 Edition of the Australian Code for reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC). The data was reviewed and compiled by Mr Mark Mitchell, a geological consultant to Aldoro Resources Ltd. Mr Mitchell is a Registered Professional Geoscientist (No.10049) with the Australian Institute of Geoscientists and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Mitchell consents to the inclusion in the release of the statements based on his information in the form and context in which it appears.

Appendix 1: List of Pancontinental's drill holes used in the Exploration Target

Hole_ID	Easting	Northing	Elevation (m)	Datum	Dip	Azm	EOH
MTF01	526332	6935179	474	GDA94z50	-59	180	33
MTF02	526368	6935168	474	GDA94z50	-70	180	20
MTF03	526367	6935189	475	GDA94z50	-70	180	29
MTF10	526298	6935170	473	GDA94z50	-60	160	32
MTF14	526344	6935158	476	GDA94z50	-50	180	20
MTF15	526332	6935168	475	GDA94z50	-50	180	27
MTF16	526355	6935166	475	GDA94z50	-60	180	19
MTF17	526346	6935167	475	GDA94z50	-60	180	25
MTF18	526346	6935182	475	GDA94z50	-60	180	30
MTF19	526330	6935194	474	GDA94z50	-60	180	39
MTF20	526321	6935178	474	GDA94z50	-60	180	33
MTF21	526355	6935183	475	GDA94z50	-60	180	29
MTF22	526345	6935199	475	GDA94z50	-60	180	37
MTF23	526330	6935201	474	GDA94z50	-80	180	41
MTF24	526320	6935192	473	GDA94z50	-60	180	42
MTF25	526318	6935202	473	GDA94z50	-60	180	48
MTF26	526322	6935169	474	GDA94z50	-60	180	29
MTF27	526311	6935164	474	GDA94z50	-60	180	30
MTF28	526311	6935174	473	GDA94z50	-60	180	33
MTF29	526311	6935191	473	GDA94z50	-60	180	41
MTF30	526302	6935157	473	GDA94z50	-60	180	27
MTF31	526301	6935177	472	GDA94z50	-60	180	39
MTF32	526301	6935189	472	GDA94z50	-60	180	43
MTF33	526350	6935151	476	GDA94z50	-60	180	17
MTF34	526369	6935153	474	GDA94z50	-60	180	13
MTF35	526338	6935156	476	GDA94z50	-60	180	21
MTF36	526324	6935162	476	GDA94z50	-90	0	31
MTF37	526328	6935142	477	GDA94z50	-90	0	20
MTF38	526329	6935153	478	GDA94z50	-90	0	24
MTF39	526323	6935149	477	GDA94z50	-90	0	27
MTF40	526320	6935153	476	GDA94z50	-90	0	26

Appendix 2: Down Hole Intersections

Hole_ID	DN_from	DH_to	Rocktype
MTF01	0	1	Colluvium
MTF01	1	3.5	Gabbro
MTF01	3.5	7	Pegmatite
MTF01	7	17	Quartz core
MTF01	17	29.5	Sodium Pegmatite
MTF01	29.5	32	Transition zone
MTF01	32	33	Gabbro

Hole_ID	DN_from	DH_to	Rocktype
MTF02	0	1	Colluvium
MTF02	1	11	Gabbro
MTF02	11	17.6	Pegmatite
MTF02	17.6	20	Gabbro
MTF03	0	1	Colluvium
MTF03	1	20	Gabbro
MTF03	20	22	Transition zone
MTF03	22	26.8	Pegmatite
MTF03	26.8	29	Gabbro
MTF10	0	1	Colluvium
MTF10	1	4.3	Gabbro
MTF10	4.3	30	Pegmatite
MTF10	30	32	Gabbro
MTF14	0	3	Pegmatite
MTF14	3	5	Quartz core
MTF14	5	17.9	Pegmatite
MTF14	17.9	20	Gabbro
MTF15	0	4	Pegmatite
MTF15	4	10	Quartz core
MTF15	10	24.8	Pegmatite
MTF15	24.8	27	Gabbro
MTF16	0	6.2	Gabbro
MTF16	6.2	8	Pegmatite
MTF16	8	13	Quartz core
MTF16	13	16.1	Pegmatite
MTF16	16.1	19	Gabbro
MTF17	0	4.5	Gabbro
MTF17	4.5	7	Pegmatite
MTF17	7	9	Quartz core
MTF17	9	19.8	Pegmatite
MTF17	19.8	25	Gabbro
MTF18	0	11.7	Gabbro
MTF18	11.7	15	Pegmatite
MTF18	15	20	Quartz core
MTF18	20	26	Pegmatite
MTF18	26	30	Gabbro
MTF19	0	7.3	Gabbro
MTF19	7.3	16	Pegmatite
MTF19	16	22	Quartz core
MTF19	22	36.1	Pegmatite
MTF19	36.1	39	Gabbro
MTF20	0	6	Pegmatite
MTF20	6	15	Quartz core
MTF20	15	30.5	Pegmatite
MTF20	30.5	33	Gabbro

Hole_ID	DN_from	DH_to	Rocktype
MTF21	0	15	Gabbro
MTF21	15	16	Pegmatite
MTF21	16	20	Quartz core
MTF21	20	25	Pegmatite
MTF21	25	29	Gabbro
MTF22	0	7	Gabbro
MTF22	7	18	Vein Quartz Massive
MTF22	18	19	Vein Quartz Massive
MTF22	19	23	Pegmatite
MTF22	23	27	Quartz core
MTF22	27	35	Pegmatite
MTF22	35	37	Gabbro
MTF23	0	1	Colluvium
MTF23	1	3	Gabbro
MTF23	3	6	Vein Quartz Massive
MTF23	6	12.9	Gabbro
MTF23	12.9	16	Pegmatite
MTF23	16	31	Quartz core
MTF23	31	38	Pegmatite
MTF23	38	41	Gabbro
MTF24	0	9	Gabbro
MTF24	9	16	Pegmatite
MTF24	16	25	Quartz core
MTF24	25	30	Pegmatite
MTF24	30	35	Pegmatite
MTF24	35	39.5	Pegmatite
MTF24	39.5	42	Gabbro
MTF25	0	1	Colluvium
MTF25	1	21	Gabbro
MTF25	21	29	Pegmatite
MTF25	29	32	Quartz core
MTF25	32	42	Pegmatite
MTF25	42	43	Pegmatite
MTF25	43	46	Pegmatite
MTF25	46	48	Gabbro
MTF26	0	10	Vein Quartz Massive
MTF26	10	14	Pegmatite
MTF26	14	17	Quartz core
MTF26	17	27	Pegmatite
MTF26	27	29	Gabbro
MTF27	0	9	Vein Quartz Massive
MTF27	9	16	Pegmatite
MTF27	16	19	Pegmatite
MTF27	19	28	Pegmatite
MTF27	28	30	Gabbro

Hole_ID	DN_from	DH_to	Rocktype
MTF28	0	1	Colluvium
MTF28	1	3	Gabbro
MTF28	3	9	Pegmatite
MTF28	9	19	Quartz core
MTF28	19	31	Pegmatite
MTF28	31	32	Transition zone
MTF28	32	33	Gabbro
MTF29	0	18.5	Gabbro
MTF29	18.5	19	Vein Quartz Massive
MTF29	19	34	Pegmatite
MTF29	34	37	Quartz core
MTF29	37	39.5	Pegmatite
MTF29	39.5	41	Gabbro
MTF30	0	2	Colluvium
MTF30	2	7	Pegmatite
MTF30	7	15	Quartz core
MTF30	15	25.6	Pegmatite
MTF30	25.6	27	Gabbro
MTF31	0	1	Colluvium
MTF31	1	2	Gabbro
MTF31	2	16.5	Gabbro
MTF31	16.5	29	Pegmatite
MTF31	29	36	Pegmatite
MTF31	36	37	Transition zone
MTF31	37	39	Gabbro
MTF32	0	2	Colluvium
MTF32	2	27.4	Gabbro
MTF32	27.4	36	Pegmatite
MTF32	36	41	Pegmatite
MTF32	41	43	Gabbro
MTF33	0	2	Pegmatite
MTF33	2	8	Quartz core
MTF33	8	13	Pegmatite
MTF33	13	17	Gabbro
MTF34	0	3	Gabbro
MTF34	3	5	Pegmatite
MTF34	5	7	Quartz core
MTF34	7	11	Pegmatite
MTF34	11	13	Gabbro
MTF35	0	8	Vein Quartz Massive
MTF35	8	11	Pegmatite
MTF35	11	16	Quartz core
MTF35	16	19	Pegmatite
MTF35	19	21	Gabbro

Hole_ID	DN_from	DH_to	Rocktype
MTF36	0	10	Vein Quartz Massive
MTF36	10	14	Pegmatite
MTF36	14	21	Pegmatite
MTF36	21	27.5	Pegmatite
MTF36	27.5	30	Transition zone
MTF36	30	31	Gabbro
MTF37	0	14	Quartz core
MTF37	14	18	Pegmatite
MTF37	18	20	Gabbro
MTF38	0	12	Quartz core
MTF38	12	18	Pegmatite
MTF38	18	22	Pegmatite
MTF38	22	24	Gabbro
MTF39	0	11	Quartz core
MTF39	11	19	Pegmatite
MTF39	19	21	Pegmatite
MTF39	21	25	Pegmatite
MTF39	25	27	Gabbro
MTF40	0	15	Quartz core
MTF40	15	25	Pegmatite
MTF40	25	26	Gabbro

Appendix 3: Down hole Geology and Assays.

Key: Col- Colluvium, Gab- Gabbro, Peg - Pegmatite, QtzCore – quartz core, NaPeg – Sodium Pegmatite, Trans – Transitional lithology, VQZ – massive vein quartz

Hole	From	To	Lithology	Li_ppm	Li2O_ppm	LI2O_%	**Rb_ppm**	Cs_ppm	Na_%	K_%	Ta_ppm	Ta2O5_ppm	Sn_ppm	Nb_ppm
MTF01	3	4	Gab/Peg	136	293	0.029	**440**	90	2.92	0.460	18	22	15	20
MTF01	4	5	Peg	61	131	0.013	**480**	60	4.73		55	67	25	40
MTF01	5	6	Peg	209	450	0.045	**740**	65	4.11	0.680	50	61	60	50
MTF01	6	7	Peg	165	355	0.036	**630**	55	5.25	0.650	40	49	50	50
MTF01	7	8	QtzCore	55	118	0.012	**330**	45	5.81	0.290	45	55	0	30
MTF01	8	9	QtzCore	70	151	0.015	**180**	100	3.20	0.130	35	43	0	7
MTF01	9	10	QtzCore	292	629	0.063	**65**	2500	0.34	0.000	15	18	0	5
MTF01	10	11	QtzCore	65	140	0.014	**5**	30	0.05	0.000	0	6	0	3
MTF01	11	12	QtzCore	79	170	0.017	**6**	15	0.05	0.040	0	6	0	4
MTF01	12	13	QtzCore	59	127	0.013	**4**	0	0.05	0.020	0	6	0	4
MTF01	13	14	QtzCore	44	95	0.009	**5**	15	0.06	0.010	0	6	0	3
MTF01	14	15	QtzCore	52	112	0.011	**4**	12	0.05	0.000	15	18	0	3
MTF01	15	16	QtzCore	50	108	0.011	**3**	19	0.06	0.000	0	6	0	3
MTF01	16	17	QtzCore	34	73	0.007	**3**	20	0.06	0.010	10	12	0	4
MTF01	17	18	NaPeg	33	71	0.007	**55**	15	1.25	0.130	3600	4396	18	200
MTF01	18	19	NaPeg	22	47	0.005	**270**	25	8.95	0.600	6100	7448	55	400
MTF01	19	20	NaPeg	14	30	0.003	**160**	0	7.07	0.520	13000	15873	110	820
MTF01	20	21	NaPeg	17	37	0.004	**150**	30	7.11	0.330	5200	6349	65	300
MTF01	21	22	NaPeg	12	26	0.003	**55**	10	7.67	0.140	2300	2808	30	130
MTF01	22	23	NaPeg	7	15	0.002	**12**	0	7.87	0.080	1100	1343	10	50
MTF01	23	24	NaPeg	680	1464	0.146	**1200**	160	3.13	0.860	180	220	30	18
MTF01	24	25	NaPeg	248	534	0.053	**1300**	150	3.29	0.950	50	61	75	35
MTF01	25	26	NaPeg	107	230	0.023	**720**	65	5.36	1.000	140	171	90	180
MTF01	26	27	NaPeg	66	142	0.014	**630**	45	5.66	0.820	80	98	40	75
MTF01	27	28	NaPeg	39	84	0.008	**180**	17	6.44	0.350	60	73	13	45
MTF01	28	29	NaPeg	50	108	0.011	**470**	50	5.40	0.580	20	24	40	50
MTF01	29	30	Peg/Trans	64	138	0.014	**600**	50	2.76	0.990	35	43	70	80
MTF01	30	31	Trans	44	95	0.009	**80**	10	1.41	0.480	0	6	0	3
MTF02	10	11	Gab	273	588	0.059	**310**	40	3.08	0.550	10	12	25	25
MTF02	11	12	Peg	139	299	0.030	**320**	70	5.28	0.320	65	79	30	65
MTF02	12	13	Peg	86	185	0.019	**55**	25	2.75	0.000	60	73	0	6
MTF02	13	14	Peg	970	2088	0.209	**1200**	210	5.81	0.700	40	49	50	18
MTF02	14	15	Peg	940	2024	0.202	**1800**	160	1.55	1.500	25	31	150	60
MTF02	15	16	Peg	630	1356	0.136	**1100**	230	4.59	0.930	75	92	75	70
MTF02	16	17	Peg	970	2088	0.209	**1500**	330	4.74	1.150	95	116	100	60
MTF02	17	18	Peg/Gab	286	616	0.062	**400**	70	2.86	0.590	35	43	30	65
MTF02	18	19	Peg/Gab	122	263	0.026	**65**	10	1.26	0.330	0	6	0	5
MTF03	20	21	Trans	51	110	0.011	**8**	0	0.18	0.030	0	6	0	4
MTF03	21	22	Trans	102	220	0.022	**95**	35	2.27	0.220	0	6	0	14
MTF03	22	23	Peg	377	812	0.081	**990**	230	3.74	0.920	260	317	110	370
MTF03	23	24	Peg	285	614	0.061	**930**	170	6.48	0.710	120	147	50	80
MTF03	24	25	Peg	590	1270	0.127	**1400**	210	3.87	1.000	140	171	140	60
MTF03	25	26	Peg	210	452	0.045	**520**	75	2.54	0.710	65	79	55	70
MTF03	26	27	Peg/Gab	138	297	0.030	**190**	30	1.18	0.430	0	6	12	7
MTF10	4	5	Peg	24	52	0.005	**230**	25	3.31	0.660	12	15	20	20
MTF10	5	6	Peg	113	243	0.024	**650**	110	4.05	1.100	45	55	40	20
MTF10	6	7	Peg	222	478	0.048	**560**	95	3.82	0.700	40	49	30	40
MTF10	7	8	Peg	620	1335	0.133	**840**	100	1.84	0.890	30	37	75	55
MTF10	8	9	Peg	1690	3639	0.364	**2500**	220	1.12	2.200	35	43	240	90
MTF10	9	10	Peg	1490	3208	0.321	**2000**	220	1.66	2.050	40	49	190	80
MTF10	10	11	Peg	1660	3574	0.357	**2300**	220	1.50	2.050	45	55	210	80
MTF10	11	13	Peg	900	1938	0.194	**1500**	180	2.61	1.050	0	6	100	20
MTF10	13	14	Peg	1880	4048	0.405	**2300**	290	2.46	1.350	25	31	90	18
MTF10	14	15	Peg	1210	2605	0.261	**1700**	200	2.94	0.990	60	73	95	20
MTF10	15	16	Peg	1550	3337	0.334	**2000**	250	1.78	1.050	40	49	95	18
MTF10	16	17	Peg	3200	6890	0.689	**3700**	460	2.01	1.800	13	16	130	18
MTF10	17	18	Peg	1670	3596	0.360	**2200**	240	2.02	1.400	40	49	160	50
MTF10	18	19	Peg	1990	4284	0.428	**2700**	270	2.40	1.700	55	67	190	45
MTF10	19	20	Peg	2800	6028	0.603	**3400**	280	1.04	2.560	25	31	260	90
MTF10	20	21	Peg	1660	3574	0.357	**2100**	230	2.16	1.400	50	61	160	60
MTF10	21	22	Peg	210	452	0.045	**410**	55	6.52	0.410	12	15	25	12
MTF10	22	23	Peg	50	108	0.011	**860**	85	5.85	0.650	60	73	40	15
MTF10	23	24	Peg	79	170	0.017	**1400**	130	5.04	1.050	50	61	100	35
MTF10	24	25	Peg	471	1014	0.101	**830**	100	3.35	0.730	20	24	80	40
MTF10	25	26	Peg	540	1163	0.116	**2100**	200	2.82	1.950	55	67	190	110
MTF10	26	27	Peg	139	299	0.030	**810**	95	4.62	0.890	55	67	80	85
MTF10	27	28	Peg	34	73	0.007	**95**	11	7.43	0.210	45	55	20	60
MTF10	28	29	Peg	37	80	0.008	**65**	10	7.72	0.130	60	73	35	90
MTF10	29	30	Peg	17	37	0.004	**200**	17	6.92	0.840	50	61	35	85
MTF10	30	31	Gab	35	75	0.008	**180**	12	1.85	0.820	0	6	13	5
MTF10	31	32	Gab	45	97	0.010	**220**	15	2.25	0.760	0	6	11	7
MTF13	3	4	Gab/Peg	250	538	0.054	**580**	60	2.30	0.720	20	24	8	24
MTF13	4	5	Peg	580	1249	0.125	**920**	110	3.30	0.640	20	24	34	38
MTF13	5	6	Peg/Gab	380	818	0.082	**600**	140	1.91	0.590	10	12	16	22

Hole	From	To	Lithology	Li_ppm	Li2O_ppm	LI2O_%	**Rb_ppm**	Cs_ppm	Na_%	K_%	Ta_ppm	Ta2O5_ppm	Sn_ppm	Nb_ppm
MTF13	6	7	Gab	230	495	0.050	**620**	100	3.20	0.540	20	24	28	34
MTF13	7	8	Gab/Peg	55	118	0.012	**680**	50	4.20	1.110	185	226	20	46
MTF13	8	9	Peg	220	474	0.047	**1950**	1150	3.00	5.150	17	21	18	30
MTF13	9	10	Peg	590	1270	0.127	**2050**	160	2.40	3.300	25	31	38	36
MTF13	10	11	Peg/Gab	900	1938	0.194	**1750**	170	2.90	1.980	25	31	46	60
MTF13	11	12	Gab	250	538	0.054	**460**	60	2.05	0.690	10	12	18	18
MTF13	12	13	Gab/Peg	420	904	0.090	**670**	220	1.00	0.730	5	6	10	14
MTF13	13	14	Peg	95	205	0.020	**370**	30	5.30	0.610	330	403	18	65
MTF13	14	15	Peg	125	269	0.027	**740**	50	6.20	0.090	520	635	32	75
MTF13	15	16	Peg	65	140	0.014	**340**	30	5.50	0.510	30	37	20	32
MTF13	16	17	Peg	32	69	0.007	**210**	30	6.00	0.250	25	31	16	30
MTF13	17	18	Peg	37	80	0.008	**135**	25	5.15	0.210	43	53	12	41
MTF13	18	19	Peg	32	69	0.007	**185**	30	6.10	0.270	20	24	12	32
MTF13	19	20	Peg	40	86	0.009	**190**	40	5.60	0.230	15	18	12	28
MTF13	20	21	Peg/Gab	200	431	0.043	**630**	80	3.50	0.920	20	24	40	42
MTF13	21	22	Gab	280	603	0.060	**370**	190	1.96	0.420	20	24	14	16
MTF14	2	3	Peg	2100	4521	0.452	**1650**	120	3.80	0.820	25	31	48	16
MTF14	3	4	QtzCore	120	258	0.026	**20**	20	0.08	0.010	5	6	2	4
MTF14	4	5	QtzCore	75	161	0.016	**270**	50	3.80	0.520	55	67	12	20
MTF14	5	6	Peg	60	129	0.013	**470**	40	6.10	0.790	380	464	16	60
MTF14	6	7	Peg	50	108	0.011	**520**	30	6.20	0.940	350	427	32	70
MTF14	7	8	Peg	60	129	0.013	**280**	30	6.60	0.480	960	1172	14	65
MTF14	8	9	Peg	14	30	0.003	**320**	30	7.30	0.540	1100	1343	18	80
MTF14	9	10	Peg	6	13	0.001	**155**	30	7.60	0.280	540	659	20	44
MTF14	10	11	Peg	9	19	0.002	**185**	30	7.90	0.260	2000	2442	24	105
MTF14	11	12	Peg	14	30	0.003	**240**	30	7.15	0.330	2800	3419	35	158
MTF14	12	13	Peg	14	30	0.003	**65**	30	0.40	0.020	190	232	12	18
MTF14	13	14	Peg	270	581	0.058	**530**	40	5.00	0.680	240	293	14	16
MTF14	14	15	Peg	2200	4737	0.474	**1950**	160	1.98	1.000	30	37	38	22
MTF14	15	16	Peg	1500	3230	0.323	**1750**	110	3.80	1.490	55	67	85	110
MTF14	16	17	Peg	650	1399	0.140	**1150**	130	5.00	1.080	40	49	60	60
MTF14	17	18	Peg/Gab	210	452	0.045	**430**	40	4.50	0.580	30	37	28	70
MTF14	18	19	Gab	170	366	0.037	**100**	20	1.37	0.330	5	6	2	7
MTF14	19	20	Gab	110	237	0.024	**110**	30	1.44	0.460	5	6	8	6
MTF15	2	3	Peg	70	151	0.015	**100**	40	0.21	0.080	5	6	6	4
MTF15	3	4	Peg	100	215	0.022	**115**	50	0.21	0.100	5	6	6	2
MTF15	4	5	QtzCore	80	172	0.017	**40**	30	0.16	0.040	5	6	2	2
MTF15	5	6	QtzCore	100	215	0.022	**6**	20	0.06	0.005	5	6	2	1
MTF15	6	7	QtzCore	110	237	0.024	**26**	30	0.05	0.020	5	6	8	4
MTF15	7	8	QtzCore	85	183	0.018	**7**	20	0.06	0.005	5	6	2	3
MTF15	8	9	QtzCore	70	151	0.015	**5**	20	0.04	0.005	5	6	6	2
MTF15	9	10	QtzCore	60	129	0.013	**6**	30	0.01	0.005	5	6	2	2
MTF15	10	11	Peg	26	56	0.006	**85**	30	4.20	0.130	1050	1282	10	70
MTF15	11	12	Peg	9	19	0.002	**178**	45	6.80	0.180	13700	16728	85	675
MTF15	12	13	Peg	16	34	0.003	**40**	20	2.30	0.050	8500	10379	55	430
MTF15	13	14	Peg	34	73	0.007	**14**	20	0.06	0.020	30	37	8	6
MTF15	14	15	Peg	40	86	0.009	**16**	30	0.25	0.010	45	55	2	2
MTF15	15	16	Peg	20	43	0.004	**165**	30	5.50	0.250	450	549	24	36
MTF15	16	17	Peg	12	26	0.003	**290**	30	6.70	0.810	1050	1282	42	70
MTF15	17	18	Peg	18	39	0.004	**160**	40	7.50	0.240	2450	2991	24	115
MTF15	18	19	Peg	9	19	0.002	**55**	30	5.10	0.170	590	720	36	30
MTF15	19	20	Peg	3	6	0.001	**48**	20	7.20	0.100	2500	3053	40	130
MTF15	20	21	Peg	2	4	0.000	**90**	20	7.20	0.230	480	586	38	30
MTF15	21	22	Peg	1025	2207	0.221	**1625**	155	4.65	0.930	140	171	58	26
MTF15	22	23	Peg	640	1378	0.138	**1500**	90	4.40	1.190	40	49	90	80
MTF15	23	24	Peg	85	183	0.018	**820**	80	5.10	0.620	80	98	55	60
MTF15	24	25	Peg/Gab	28	60	0.006	**70**	30	4.00	0.130	75	92	18	80
MTF16	5	6	Gab	240	517	0.052	**70**	20	1.07	0.330	5	6	20	4
MTF16	6	7	Gab/Peg	990	2131	0.213	**1050**	110	3.30	0.870	20	24	65	44
MTF16	7	8	Peg	1500	3230	0.323	**1650**	110	4.50	0.990	50	61	85	95
MTF16	8	9	QtzCore	200	431	0.043	**42**	30	0.96	0.040	5	6	2	3
MTF16	9	10	QtzCore	125	269	0.027	**10**	30	0.02	0.005	5	6	4	2
MTF16	10	11	QtzCore	125	269	0.027	**12**	20	0.01	0.005	5	6	4	2
MTF16	11	12	QtzCore	270	581	0.058	**63**	120	0.07	0.020	5	6	4	2
MTF16	12	13	QtzCore	2400	5167	0.517	**1450**	180	2.70	0.660	40	49	34	18
MTF16	13	14	Peg	950	2045	0.205	**1450**	170	3.10	0.790	15	18	70	22
MTF16	14	15	Peg	2100	4521	0.452	**1850**	120	2.90	1.540	25	31	85	55
MTF16	15	16	Peg	850	1830	0.183	**880**	120	3.00	0.620	40	49	55	70
MTF16	16	17	Peg/Gab	180	388	0.039	**85**	20	1.24	0.290	5	6	4	18
MTF17	3	4	Gab	165	355	0.036	**95**	20	1.05	0.330	5	6	16	4
MTF17	4	5	Gab/Peg	165	355	0.036	**250**	70	1.97	0.450	10	12	6	18
MTF17	5	6	Peg	1950	4198	0.420	**1650**	110	2.20	1.410	80	98	100	115
MTF17	6	7	Peg	1300	2799	0.280	**1200**	130	3.70	0.610	20	24	44	18
MTF17	7	8	QtzCore	170	366	0.037	**12**	30	0.05	0.005	5	6	6	2
MTF17	8	9	QtzCore	110	237	0.024	**12**	20	0.19	0.020	5	6	2	3

Hole	From	To	Lithology	Li_ppm	Li2O_ppm	LI2O_%	**Rb_ppm**	Cs_ppm	Na_%	K_%	Ta_ppm	Ta2O5_ppm	Sn_ppm	Nb_ppm
MTF17	9	10	Peg	40	86	0.009	**420**	60	4.90	0.720	70	85	6	18
MTF17	10	11	Peg	60	129	0.013	**510**	80	4.20	0.660	250	305	28	65
MTF17	11	12	Peg	42	90	0.009	**290**	30	3.80	0.460	180	220	18	30
MTF17	12	13	Peg	65	140	0.014	**58**	35	0.41	0.060	0	0	3	5
MTF17	13	14	Peg	44	95	0.009	**320**	50	3.10	0.470	340	415	20	40
MTF17	14	15	Peg	160	344	0.034	**230**	30	4.30	0.390	770	940	14	45
MTF17	15	16	Peg	1100	2368	0.237	**1300**	130	3.40	0.820	65	79	34	22
MTF17	16	17	Peg	540	1163	0.116	**960**	90	3.80	0.690	50	61	34	22
MTF17	17	18	Peg	470	1012	0.101	**1650**	180	2.80	1.400	45	55	100	60
MTF17	18	19	Peg	420	904	0.090	**1050**	130	4.10	0.780	40	49	65	65
MTF17	19	20	Peg/Gab	42	90	0.009	**75**	20	3.80	0.090	40	49	16	90
MTF17	20	21	Gab	65	140	0.014	**24**	20	0.43	0.070	5	6	12	10
MTF17	21	22	Gab	50	108	0.011	**55**	30	0.51	0.190	5	6	12	3
MTF18	10	11	Gab	185	398	0.040	**90**	40	1.00	0.270	10	12	34	8
MTF18	11	12	Gab/Peg	180	388	0.039	**160**	40	2.30	0.260	5	6	10	16
MTF18	12	13	Peg	1250	2691	0.269	**1700**	120	3.70	1.170	50	61	95	70
MTF18	13	14	Peg	570	1227	0.123	**630**	40	6.40	0.500	25	31	26	28
MTF18	14	15	Peg	155	334	0.033	**250**	80	2.60	0.230	5	6	8	6
MTF18	15	16	QtzCore	170	366	0.037	**10**	20	0.05	0.005	5	6	4	2
MTF18	16	17	QtzCore	200	431	0.043	**8**	30	0.01	0.005	5	6	2	2
MTF18	17	18	QtzCore	50	108	0.011	**6**	20	0.02	0.010	5	6	4	2
MTF18	18	19	QtzCore	85	183	0.018	**6**	30	0.02	0.005	5	6	2	1
MTF18	19	20	QtzCore	90	194	0.019	**12**	30	0.28	0.020	10	12	6	3
MTF18	20	21	Peg	600	1292	0.129	**1275**	105	4.65	2.750	1300	1587	26	63
MTF18	21	22	Peg	1450	3122	0.312	**2250**	180	2.25	1.010	855	1044	46	16
MTF18	22	23	Peg	210	452	0.045	**980**	100	2.35	0.550	15	18	32	18
MTF18	23	24	Peg	430	926	0.093	**1450**	140	3.10	1.200	30	37	95	65
MTF18	24	25	Peg	60	129	0.013	**300**	20	5.50	0.500	40	49	36	70
MTF18	25	26	Peg	36	78	0.008	**195**	30	4.70	0.420	25	31	24	70
MTF18	26	27	Gab	105	226	0.023	**145**	10	0.96	0.670	5	6	10	12
MTF18	27	28	Gab	70	151	0.015	**85**	10	1.02	0.440	10	12	2	3
MTF19	6	7	Gab	170	366	0.037	**90**	30	1.14	0.270	5	6	2	6
MTF19	7	8	Gab/Peg	230	495	0.050	**350**	90	1.68	0.360	5	6	24	14
MTF19	8	9	Peg	960	2067	0.207	**1100**	80	4.20	0.950	25	31	60	42
MTF19	9	10	Peg	2000	4306	0.431	**3500**	165	2.95	3.480	28	34	108	70
MTF19	10	11	Peg	630	1356	0.136	**1050**	80	5.40	0.700	20	24	50	28
MTF19	11	12	Peg	125	269	0.027	**370**	30	5.80	0.310	35	43	16	28
MTF19	12	13	Peg	660	1421	0.142	**1050**	80	4.50	0.840	60	73	65	75
MTF19	13	14	Peg	580	1249	0.125	**1200**	90	2.45	0.960	60	73	65	120
MTF19	14	15	Peg	95	205	0.020	**710**	60	4.70	0.440	35	43	26	20
MTF19	15	16	Peg	130	280	0.028	**190**	70	1.20	0.180	5	6	4	7
MTF19	16	17	QtzCore	135	291	0.029	**9**	30	0.02	0.005	5	6	2	2
MTF19	17	18	QtzCore	80	172	0.017	**5**	20	0.02	0.005	5	6	10	3
MTF19	18	19	QtzCore	90	194	0.019	**8**	30	0.02	0.005	10	12	4	1
MTF19	19	20	QtzCore	63	136	0.014	**9**	15	0.04	0.010	5	6	2	4
MTF19	20	21	QtzCore	60	129	0.013	**4**	20	0.01	0.005	5	6	6	2
MTF19	21	22	QtzCore	65	140	0.014	**5**	20	0.04	0.005	5	6	8	2
MTF19	22	23	Peg	48	103	0.010	**60**	30	0.52	0.100	5	6	10	4
MTF19	23	24	Peg	36	78	0.008	**550**	100	5.90	0.750	11800	14408	50	310
MTF19	24	25	Peg	4	9	0.001	**30**	20	7.70	0.110	1700	2076	32	90
MTF19	25	26	Peg	560	1206	0.121	**900**	80	5.50	0.810	290	354	28	22
MTF19	26	27	Peg	670	1443	0.144	**1250**	130	1.07	0.400	40	49	42	14
MTF19	27	28	Peg	730	1572	0.157	**1400**	90	3.80	1.230	150	183	85	80
MTF19	28	29	Peg	24	52	0.005	**40**	30	5.00	0.100	80	98	6	200
MTF19	29	30	Peg	60	129	0.013	**1200**	85	4.20	1.140	310	379	68	85
MTF19	30	31	Peg	18	39	0.004	**300**	40	5.90	0.340	170	208	22	230
MTF19	31	32	Peg	32	69	0.007	**730**	50	5.70	0.610	90	110	60	105
MTF19	32	33	Peg	44	95	0.009	**700**	60	4.80	0.790	70	85	42	90
MTF19	33	34	Peg	10	22	0.002	**230**	30	6.20	0.280	50	61	22	75
MTF19	34	35	Peg	1	2	0.000	**65**	20	7.90	0.240	50	61	16	36
MTF19	35	36	Peg/Gab	1	2	0.000	**55**	20	6.80	0.180	80	98	8	80
MTF19	36	37	Gab	44	95	0.009	**120**	10	1.53	0.450	5	6	10	18
MTF20	1	2	Peg	570	1227	0.123	**920**	60	4.40	0.690	25	31	50	40
MTF20	2	3	Peg	270	581	0.058	**350**	70	4.30	0.380	25	31	18	55
MTF20	3	4	Peg	330	710	0.071	**540**	140	4.40	0.440	15	18	14	46
MTF20	4	5	Peg	280	603	0.060	**450**	40	3.10	0.390	35	43	32	80
MTF20	5	6	Peg	410	883	0.088	**1050**	60	4.60	0.810	20	24	46	42
MTF20	6	7	QtzCore	230	495	0.050	**520**	50	1.65	0.280	10	12	22	8
MTF20	7	8	QtzCore	85	183	0.018	**18**	30	0.07	0.010	5	6	6	3
MTF20	8	9	QtzCore	100	215	0.022	**10**	30	0.03	0.005	5	6	6	2
MTF20	9	10	QtzCore	170	366	0.037	**6**	25	0.02	0.005	10	12	4	4
MTF20	10	11	QtzCore	80	172	0.017	**6**	20	0.02	0.005	5	6	6	2
MTF20	11	12	QtzCore	14	30	0.003	**20**	20	0.04	0.010	5	6	2	3
MTF20	12	13	QtzCore	55	118	0.012	**28**	30	0.11	0.040	5	6	2	2
MTF20	13	14	QtzCore	90	194	0.019	**7**	20	0.04	0.005	5	6	4	2

ALDORO RESOURCES

Hole	From	To	Lithology	Li_ppm	Li2O_ppm	LI2O_%	**Rb_ppm**	Cs_ppm	Na_%	K_%	Ta_ppm	Ta2O5_ppm	Sn_ppm	Nb_ppm
MTF20	14	15	QtzCore	120	258	0.026	**4**	30	0.03	0.005	5	6	2	1
MTF20	15	16	Peg	155	334	0.033	**3000**	840	1.47	3.800	75	92	90	32
MTF20	16	17	Peg	65	140	0.014	**910**	150	5.10	0.980	380	464	30	42
MTF20	17	18	Peg	12	26	0.003	**230**	40	5.20	0.300	520	635	20	30
MTF20	18	19	Peg	14	30	0.003	**280**	40	7.60	0.370	28200	34432	140	1200
MTF20	19	20	Peg	75	161	0.016	**1300**	195	6.00	1.590	52000	63492	320	2425
MTF20	20	21	Peg	390	840	0.084	**1200**	100	6.10	1.870	590	720	36	38
MTF20	21	22	Peg	1800	3875	0.388	**2000**	150	1.95	0.910	85	104	46	20
MTF20	22	23	Peg	1550	3337	0.334	**2300**	220	4.30	1.330	85	104	130	55
MTF20	23	24	Peg	300	646	0.065	**900**	70	5.10	0.770	70	85	50	48
MTF20	24	25	Peg	42	90	0.009	**550**	40	5.30	0.690	70	85	36	80
MTF20	25	26	Peg	8	17	0.002	**140**	30	5.60	0.330	80	98	22	60
MTF20	26	27	Peg	10	22	0.002	**1400**	20	4.70	0.410	90	110	28	34
MTF20	27	28	Peg	6	13	0.001	**135**	20	6.50	0.510	25	31	12	55
MTF20	28	29	Peg	2	4	0.000	**24**	20	7.30	0.090	100	122	10	65
MTF20	29	30	Peg	3	6	0.001	**55**	10	6.90	0.170	75	92	14	85
MTF20	30	31	Peg/Gab	32	69	0.007	**70**	20	4.90	0.330	45	55	36	48
MTF21	15	16	Peg	352	758	0.076	**740**	35	3.61		40	49		
MTF21	16	17	QtzCore	105	226	0.023	**280**	65	7.65		5	6		
MTF21	17	18	QtzCore	38	82	0.008	**120**	16	5.45		5	6		
MTF21	18	20	QtzCore	105	226	0.023	**190**	20	0.69		35	43		
MTF21	20	21	Peg	1350	2907	0.291	**1900**	130	2.93		40	49		
MTF21	21	22	Peg	1190	2562	0.256	**1600**	120	3.83		5	6		
MTF21	22	23	Peg	1380	2971	0.297	**2000**	120	1.86		55	67		
MTF21	23	24	Peg		0	0.000								
MTF21	24	25	Peg	459	988	0.099	**710**	110	4.59		40	49		
MTF21	25	26	Gab	82	177	0.018	**150**	17	2.00		5	6		
MTF22	19	20	Peg	146	314	0.031	**360**	35	4.42		50	61		
MTF22	20	21	Peg	730	1572	0.157	**1900**	110	3.38		16	20		
MTF22	21	22	Peg	830	1787	0.179	**1800**	130	3.27		290	354		
MTF22	22	23	Peg	148	319	0.032	**510**	160	2.88		25	31		
MTF22	23	24	QtzCore	68	146	0.015	**40**	13	0.12		19	23		
MTF22	24	25	QtzCore	38	82	0.008	**9**	10	0.06		16	20		
MTF22	25	26	QtzCore	38	82	0.008	**9**	5	0.02		5	6		
MTF22	26	27	QtzCore	88	189	0.019	**720**	60	6.55		490	598		
MTF22	27	28	Peg	530	1141	0.114	**1400**	100	4.30		35	43		
MTF22	28	29	Peg	890	1916	0.192	**1700**	110	1.40		5	6		
MTF22	29	30	Peg	740	1593	0.159	**1500**	95	3.63		25	31		
MTF22	30	31	Peg	412	887	0.089	**850**	55	1.54		55	67		
MTF22	31	32	Peg	140	301	0.030	**520**	55	5.52		60	73		
MTF22	32	33	Peg	45	97	0.010	**330**	30	5.67		80	98		
MTF22	33	34	Peg	68	146	0.015	**560**	45	4.82		30	37		
MTF22	34	35	Peg	34	73	0.007	**170**	19	3.45		30	37		
MTF23	12	13	Gab/Peg	117	252	0.025	**190**	40	1.81		5	6		
MTF23	13	14	Peg	550	1184	0.118	**880**	65	4.77		35	43		
MTF23	14	15	Peg	67	144	0.014	**1800**	130	3.93		5	6		
MTF23	15	16	Peg	1240	2670	0.267	**220**	60	2.87		12	15		
MTF23	16	17	QtzCore	66	142	0.014	**25**	20	0.12		5	6		
MTF23	17	18	QtzCore	121	261	0.026	**3**	5	0.01		20	24		
MTF23	18	19	QtzCore	116	250	0.025	**3**	5	0.01		5	6		
MTF23	19	20	QtzCore	128	276	0.028	**3**	5	0.02		5	6		
MTF23	20	21	QtzCore	104	224	0.022	**1**	11	0.01		5	6		
MTF23	21	22	QtzCore	42	90	0.009	**4**	11	0.01		20	24		
MTF23	22	23	QtzCore	51	110	0.011	**1**	5	0.02		30	37		
MTF23	23	24	QtzCore	38	82	0.008	**10**	5	0.01		5	6		
MTF23	24	25	QtzCore	29	62	0.006	**3**	17	0.03		5	6		
MTF23	25	26	QtzCore	81	174	0.017	**3**	11	0.01		5	6		
MTF23	26	27	QtzCore	51	110	0.011	**1**	10	0.03		5	6		
MTF23	27	28	QtzCore	31	67	0.007	**5**	11	0.02		11	13		
MTF23	28	29	QtzCore	47	101	0.010	**1**	5	0.10		5	6		
MTF23	29	30	QtzCore	20	43	0.004	**1**	5	0.04		5	6		
MTF23	30	31	QtzCore	23	50	0.005	**610**	110	6.25		270	330		
MTF23	31	32	Peg	550	1184	0.118	**870**	80	3.06		11	13		
MTF23	32	33	Peg	690	1486	0.149	**1300**	130	1.89		40	49		
MTF23	33	34	Peg	760	1636	0.164	**1600**	120	3.55		55	67		
MTF23	34	35	Peg	182	392	0.039	**1300**	120	4.53		65	79		
MTF23	35	36	Peg	338	728	0.073	**1300**	140	4.02		30	37		
MTF23	36	37	Peg	8	17	0.002	**180**	13	5.35		60	73		
MTF23	37	38	Peg	17	37	0.004	**760**	50	6.00		25	31		
MTF23	38	39	Gab	29	62	0.006	**220**	5	2.20		5	6		
MTF24	9	10	Peg	130	280	0.028	**530**	80	4.57		50	61		
MTF24	10	11	Peg	101	217	0.022	**470**	45	5.07		70	85		
MTF24	11	12	Peg	151	325	0.033	**540**	45	4.75		5	6		
MTF24	12	13	Peg	39	84	0.008	**480**	45	6.18		400	488		
MTF24	13	14	Peg	51	110	0.011	**510**	40	6.44		1100	1343		

Hole	From	To	Lithology	Li_ppm	Li2O_ppm	LI2O_%	**Rb_ppm**	Cs_ppm	Na_%	K_%	Ta_ppm	Ta2O5_ppm	Sn_ppm	Nb_ppm
MTF24	14	15	Peg	174	375	0.037	**900**	90	2.89		55	67		
MTF24	15	16	Peg	5	11	0.001	**25**	5	7.95		50	61		
MTF24	16	17	QtzCore	38	82	0.008	**5**	18	0.51		5	6		
MTF24	17	18	QtzCore	102	220	0.022	**4**	5	0.11		5	6		
MTF24	18	19	QtzCore	83	179	0.018	**8**	16	0.06		14	17		
MTF24	19	20	QtzCore	49	105	0.011	**1**	11	0.05		5	6		
MTF24	20	21	QtzCore	28	60	0.006	**4**	5	0.06		5	6		
MTF24	21	22	QtzCore	38	82	0.008	**1**	5	0.03		5	6		
MTF24	22	23	QtzCore	33	71	0.007	**1**	5	0.03		11	13		
MTF24	23	24	QtzCore	25	54	0.005	**1**	5	0.03		5	6		
MTF24	24	25	QtzCore	23	50	0.005	**4**	5	0.14		30	37		
MTF24	25	26	Peg	4	9	0.001	**110**	11	8.04		680	830		
MTF24	26	27	Peg	4	9	0.001	**280**	60	8.00		660	806		
MTF24	27	28	Peg	4	9	0.001	**25**	5	7.54		45	55		
MTF24	28	29	Peg	4	9	0.001	**80**	17	6.17		25	31		
MTF24	29	30	Peg	17	37	0.004	**550**	25	7.45		140	171		
MTF24	30	31	Peg	38	82	0.008	**1300**	95	2.46		11	13		
MTF24	31	32	Peg	213	459	0.046	**1800**	150	3.70		30	37		
MTF24	32	33	Peg	680	1464	0.146	**2400**	180	2.34		30	37		
MTF24	33	34	Peg	463	997	0.100	**1500**	110	2.62		90	110		
MTF24	34	35	Peg	74	159	0.016	**580**	50	4.52		65	79		
MTF24	35	36	Peg	4	9	0.001	**13**	5	8.61		80	98		
MTF24	36	37	Peg	1	2	0.000	**19**	5	8.52		65	79		
MTF24	37	38	Peg	1	2	0.000	**12**	5	8.40		60	73		
MTF24	38	39	Peg	4	9	0.001	**6**	5	7.08		130	159		
MTF24	39	40	Peg/Gab	20	43	0.004	**180**	5	4.94		25	31		
MTF25	21	22	Peg	85	183	0.018	**450**	50	3.19		5	6		
MTF25	22	23	Peg	91	196	0.020	**490**	35	3.94		20	24		
MTF25	23	24	Peg	145	312	0.031	**540**	35	3.36		50	61		
MTF25	24	25	Peg	236	508	0.051	**720**	50	2.40		70	85		
MTF25	25	26	Peg	134	289	0.029	**980**	80	6.16		65	79		
MTF25	26	27	Peg	108	233	0.023	**830**	70	5.70		55	67		
MTF25	27	28	Peg	376	810	0.081	**1100**	100	4.03		50	61		
MTF25	28	29	Peg	52	112	0.011	**330**	35	5.69		5	6		
MTF25	29	30	QtzCore	57	123	0.012	**1**	15	0.29		5	6		
MTF25	30	31	QtzCore	39	84	0.008	**1**	5	0.06		5	6		
MTF25	31	32	QtzCore	32	69	0.007	**1**	5	0.04		5	6		
MTF25	32	33	Peg	15	32	0.003	**150**	18	5.57		600	733		
MTF25	33	34	Peg	299	644	0.064	**880**	75	6.13		180	220		
MTF25	34	35	Peg	1020	2196	0.220	**2500**	210	4.56		50	61		
MTF25	35	36	Peg	760	1636	0.164	**1600**	120	1.20		30	37		
MTF25	36	37	Peg	314	676	0.068	**700**	85	1.98		30	37		
MTF25	37	38	Peg	260	560	0.056	**610**	75	3.24		60	73		
MTF25	38	39	Peg	1030	2218	0.222	**2400**	220	2.17		35	43		
MTF25	39	40	Peg	650	1399	0.140	**1600**	190	4.32		75	92		
MTF25	40	41	Peg	449	967	0.097	**1200**	130	3.83		50	61		
MTF25	41	42	Peg	363	782	0.078	**830**	110	4.22		40	49		
MTF25	42	43	Peg	64	138	0.014	**620**	130	3.85		35	43		
MTF25	43	44	Peg	5	11	0.001	**25**	10	6.35		45	55		
MTF25	44	45	Peg	4	9	0.001	**30**	12	8.47		35	43		
MTF25	45	46	Peg	4	9	0.001	**19**	5	6.67		240	293		
MTF25	46	47	Gab	9	19	0.002	**65**	5	2.77		5	6		
MTF26	0	1	VQZ	142	306	0.031	**230**	35	1.30		15	18		
MTF26	1	2	VQZ	139	299	0.030	**260**	35	1.04		60	73		
MTF26	2	3	VQZ	70	151	0.015	**35**	25	0.13		50	61		
MTF26	3	4	VQZ	103	222	0.022	**5**	19	0.01		5	6		
MTF26	4	5	VQZ	147	316	0.032	**6**	18	0.01		5	6		
MTF26	5	6	VQZ	124	267	0.027	**3**	5	0.00		15	18		
MTF26	6	7	VQZ	72	155	0.016	**5**	10	0.00		17	21		
MTF26	7	8	VQZ	21	45	0.005	**3**	5	0.00		16	20		
MTF26	8	9	VQZ	63	136	0.014	**1**	15	0.10		5	6		
MTF26	9	10	VQZ	24	52	0.005	**75**	20	1.79		9300	11355		
MTF26	10	11	Peg	59	127	0.013	**870**	130	5.65		630	769		
MTF26	11	12	Peg	44	95	0.009	**670**	60	6.63		470	574		
MTF26	12	13	Peg	44	95	0.009	**1100**	220	6.77		580	708		
MTF26	13	14	Peg	21	45	0.005	**250**	45	3.12		860	1050		
MTF26	14	15	QtzCore	20	43	0.004	**11**	16	0.14		470	574		
MTF26	15	16	QtzCore	27	58	0.006	**120**	14	1.23		1500	1832		
MTF26	16	17	QtzCore	214	461	0.046	**550**	55	5.02		210	256		
MTF26	17	18	Peg	41	88	0.009	**390**	30	3.87		12	15		
MTF26	18	19	Peg	27	58	0.006	**360**	25	4.51		5	6		
MTF26	19	20	Peg	11	24	0.002	**110**	19	6.34		25	31		
MTF26	20	21	Peg	78	168	0.017	**450**	30	6.88		130	159		
MTF26	21	22	Peg	9	19	0.002	**240**	45	7.58		180	220		
MTF26	22	23	Peg	486	1046	0.105	**1400**	120	4.73		60	73		

Hole	From	To	Lithology	Li_ppm	Li2O_ppm	LI2O_%	**Rb_ppm**	Cs_ppm	Na_%	K_%	Ta_ppm	Ta2O5_ppm	Sn_ppm	Nb_ppm
MTF26	23	24	Peg	44	95	0.009	**1300**	80	5.64		40	49		
MTF26	24	25	Peg	14	30	0.003	**210**	16	7.00		40	49		
MTF26	25	26	Peg	12	26	0.003	**170**	12	6.63		40	49		
MTF26	26	27	Peg	5	11	0.001	**18**	17	8.43		40	49		
MTF26	27	28	Gab	30	65	0.006	**90**	5	3.08		5	6		
MTF27	0	1	VQZ	54	116	0.012	**150**	18	1.31		20	24		
MTF27	1	2	VQZ	32	69	0.007	**170**	16	3.83		10	12		
MTF27	2	3	VQZ	27	58	0.006	**170**	12	5.13		5	6		
MTF27	3	4	VQZ	14	30	0.003	**50**	16	4.55		5	6		
MTF27	4	5	VQZ	16	34	0.003	**55**	12	2.99		5	6		
MTF27	5	6	VQZ	30	65	0.006	**6**	5	0.10		5	6		
MTF27	6	7	VQZ	54	116	0.012	**12**	19	0.15		5	6		
MTF27	7	8	VQZ	40	86	0.009	**10**	19	0.02		5	6		
MTF27	8	9	VQZ	28	60	0.006	**460**	25	0.07		5	6		
MTF27	9	10	Peg	316	680	0.068	**940**	70	2.41		35	43		
MTF27	10	11	Peg	570	1227	0.123	**1600**	120	2.35		40	49		
MTF27	11	12	Peg	196	422	0.042	**1300**	85	2.16		19	23		
MTF27	12	13	Peg	471	1014	0.101	**1100**	55	4.03		35	43		
MTF27	13	14	Peg	115	248	0.025	**1200**	75	5.60		75	92		
MTF27	14	15	Peg	1560	3359	0.336	**3700**	200	1.61		60	73		
MTF27	15	16	Peg	375	807	0.081	**1700**	120	4.75		60	73		
MTF27	16	17	Peg	55	118	0.012	**1300**	70	5.19		35	43		
MTF27	17	18	Peg	830	1787	0.179	**1900**	140	4.68		30	37		
MTF27	18	19	Peg	710	1529	0.153	**1800**	140	4.79		35	43		
MTF27	19	20	Peg	321	691	0.069	**1600**	140	5.18		45	55		
MTF27	20	21	Peg	520	1120	0.112	**1100**	120	5.59		50	61		
MTF27	21	22	Peg	130	280	0.028	**1100**	100	5.90		110	134		
MTF27	22	23	Peg	116	250	0.025	**1600**	100	4.67		55	67		
MTF27	23	24	Peg	18	39	0.004	**390**	6	7.04		35	43		
MTF27	24	25	Peg	16	34	0.003	**190**	25	7.05		120	147		
MTF27	25	26	Peg	15	32	0.003	**95**	5	8.85		60	73		
MTF27	26	27	Peg	14	30	0.003	**25**	5	8.89		25	31		
MTF27	27	28	Peg	18	39	0.004	**250**	5	6.99		35	43		
MTF28	3	4	Peg	319	687	0.069	**410**	60	4.90		10	12		
MTF28	4	5	Peg	500	1077	0.108	**530**	55	4.21		30	37		
MTF28	5	6	Peg	1100	2368	0.237	**1600**	130	3.93		25	31		
MTF28	6	7	Peg	1740	3746	0.375	**2200**	190	4.56		50	61		
MTF28	7	8	Peg	1650	3552	0.355	**1900**	170	4.98		5	6		
MTF28	8	9	Peg	300	646	0.065	**410**	55	3.68		25	31		
MTF28	9	10	QtzCore	85	183	0.018	**55**	25	0.99		5	6		
MTF28	10	11	QtzCore	73	157	0.016	**8**	25	0.60		5	6		
MTF28	11	12	QtzCore	64	138	0.014	**6**	20	0.04		5	6		
MTF28	12	13	QtzCore	66	142	0.014	**3**	20	0.05		5	6		
MTF28	13	14	QtzCore	77	166	0.017	**9**	19	0.06		20	24		
MTF28	14	15	QtzCore	48	103	0.010	**90**	16	0.05		5	6		
MTF28	15	16	QtzCore	68	146	0.015	**30**	5	0.90		5	6		
MTF28	16	17	QtzCore	61	131	0.013	**210**	30	0.75		16	20		
MTF28	17	18	QtzCore	93	200	0.020	**620**	35	1.05		120	147		
MTF28	18	19	QtzCore	101	217	0.022	**560**	30	5.68		11	13		
MTF28	19	20	Peg	540	1163	0.116	**790**	60	6.84		5	6		
MTF28	20	21	Peg	2410	5189	0.519	**2700**	280	3.17		45	55		
MTF28	21	22	Peg	1740	3746	0.375	**1900**	210	1.58		35	43		
MTF28	22	23	Peg	1860	4005	0.400	**2100**	180	1.35		14	17		
MTF28	23	24	Peg	1600	3445	0.344	**2000**	150	3.22		60	73		
MTF28	24	25	Peg	201	433	0.043	**1900**	110	4.91		40	49		
MTF28	25	26	Peg	336	723	0.072	**1600**	100	5.87		35	43		
MTF28	26	27	Peg	500	1077	0.108	**1300**	85	5.37		40	49		
MTF28	27	28	Peg	203	437	0.044	**640**	45	5.98		55	67		
MTF28	28	29	Peg	115	248	0.025	**530**	40	6.07		55	67		
MTF28	29	30	Peg	33	71	0.007	**2**	10	5.22		25	31		
MTF28	30	31	Peg	18	39	0.004	**120**	5	6.36		40	49		
MTF28	31	32	Trans	75	161	0.016	**33**	5	6.25		55	67		
MTF29	18	19	Gab/VQZ	35	75	0.008	**1800**	85	2.81		16	20		
MTF29	19	20	Peg	15	32	0.003	**1100**	60	4.62		70	85		
MTF29	20	21	Peg	14	30	0.003	**180**	5	6.79		70	85		
MTF29	21	22	Peg	115	248	0.025	**970**	70	4.93		55	67		
MTF29	22	23	Peg	495	1066	0.107	**1400**	140	5.14		40	49		
MTF29	23	24	Peg	61	131	0.013	**610**	50	4.72		65	79		
MTF29	24	25	Peg	22	47	0.005	**520**	55	7.58		45	55		
MTF29	25	26	Peg	411	885	0.088	**1300**	110	4.71		25	31		
MTF29	26	27	Peg	710	1529	0.153	**1100**	80	2.44		5	6		
MTF29	27	28	Peg	1370	2950	0.295	**2000**	140	2.46		50	61		
MTF29	28	29	Peg	790	1701	0.170	**1100**	130	4.24		45	55		
MTF29	29	30	Peg	930	2002	0.200	**1400**	140	4.59		80	98		
MTF29	30	31	Peg	496	1068	0.107	**740**	100	4.12		19	23		

Hole	From	To	Lithology	Li_ppm	Li2O_ppm	LI2O_%	**Rb_ppm**	Cs_ppm	Na_%	K_%	Ta_ppm	Ta2O5_ppm	Sn_ppm	Nb_ppm
MTF29	31	32	Peg	650	1399	0.140	**1300**	130	4.57		80	98		
MTF29	32	33	Peg	710	1529	0.153	**1200**	90	4.51		40	49		
MTF29	33	34	Peg	216	465	0.047	**570**	50	6.50		50	61		
MTF29	34	35	QtzCore	101	217	0.022	**670**	50	5.69		75	92		
MTF29	35	36	QtzCore	920	1981	0.198	**5800**	970	2.61		550	672		
MTF29	36	37	QtzCore	190	409	0.041	**5100**	520	3.38		660	806		
MTF29	37	38	Peg	19	41	0.004	**1600**	120	5.68		360	440		
MTF29	38	39	Peg	5	11	0.001	**90**	5	6.20		95	116		
MTF29	39	40	Peg/Gab	4	9	0.001	**100**	5	6.71		170	208		
MTF30	0	1	Col	41	88	0.009	**380**	20	3.02		40	49		
MTF30	1	2	Col	14	30	0.003	**45**	5	4.80		16	20		
MTF30	2	3	Peg	36	78	0.008	**180**	5	3.64		5	6		
MTF30	3	4	Peg	22	47	0.005	**230**	11	3.25		110	134		
MTF30	4	5	Peg	12	26	0.003	**150**	5	4.14		16	20		
MTF30	5	6	Peg	26	56	0.006	**280**	20	3.43		17	21		
MTF30	6	7	Peg	25	54	0.005	**350**	5	3.23		15	18		
MTF30	7	8	QtzCore	21	45	0.005	**30**	5	0.38		5	6		
MTF30	8	9	QtzCore	18	39	0.004	**1**	5	0.04		5	6		
MTF30	9	10	QtzCore	19	41	0.004	**1**	5	0.04		5	6		
MTF30	10	11	QtzCore	19	41	0.004	**1**	5	0.05		5	6		
MTF30	11	12	QtzCore	18	39	0.004	**110**	5	1.84		14	17		
MTF30	12	13	QtzCore	148	319	0.032	**750**	150	5.07		190	232		
MTF30	13	14	QtzCore	36	78	0.008	**330**	25	6.91		370	452		
MTF30	14	15	QtzCore	45	97	0.010	**880**	55	4.56		50	61		
MTF30	15	16	Peg	19	41	0.004	**980**	70	4.97		30	37		
MTF30	16	17	Peg	26	56	0.006	**690**	75	2.70		20	24		
MTF30	17	18	Peg	20	43	0.004	**720**	45	4.23		25	31		
MTF30	18	19	Peg	26	56	0.006	**1200**	95	3.42		35	43		
MTF30	19	20	Peg	19	41	0.004	**1100**	85	4.24		20	24		
MTF30	20	21	Peg	5	11	0.001	**25**	5	6.08		70	85		
MTF30	21	22	Peg	1	2	0.000	**65**	5	8.10		40	49		
MTF30	22	23	Peg	1	2	0.000	**120**	5	8.23		30	37		
MTF30	23	24	Peg	4	9	0.001	**130**	5	5.50		50	61		
MTF30	24	25	Peg	23	50	0.005	**710**	40	4.55		160	195		
MTF30	25	26	Peg/Gab	19	41	0.004	**95**	5	3.00		5	6		
MTF31	16	17	Gab/Peg	82	177	0.018	**760**	30			5	6		
MTF31	17	18	Peg	59	127	0.013	**1300**	110			80	98		
MTF31	18	19	Peg	51	110	0.011	**1100**	65			20	24		
MTF31	19	20	Peg	92	198	0.020	**460**	35			5	6		
MTF31	20	21	Peg	550	1184	0.118	**1100**	70			30	37		
MTF31	21	22	Peg	920	1981	0.198	**1400**	120			150	183		
MTF31	22	23	Peg	890	1916	0.192	**1400**	100			50	61		
MTF31	23	24	Peg	790	1701	0.170	**1200**	85			45	55		
MTF31	24	25	Peg	810	1744	0.174	**1200**	100			35	43		
MTF31	25	26	Peg	540	1163	0.116	**820**	60			25	31		
MTF31	26	27	Peg	279	601	0.060	**520**	55			40	49		
MTF31	27	28	Peg	143	308	0.031	**600**	60			25	31		
MTF31	28	29	Peg	17	37	0.004	**100**	5			60	73		
MTF31	29	30	Peg	5	11	0.001	**9**	5			25	31		
MTF31	30	31	Peg	9	19	0.002	**30**	5			90	110		
MTF31	31	32	Peg	4	9	0.001	**25**	5			5	6		
MTF31	32	33	Peg	5	11	0.001	**16**	5			25	31		
MTF31	33	34	Peg	7	15	0.002	**5**	5			70	85		
MTF31	34	35	Peg	17	37	0.004	**30**	5			80	98		
MTF31	35	36	Peg	4	9	0.001	**10**	5			40	49		
MTF31	36	37	Trans	13	28	0.003	**200**	5			5	6		
MTF32	27	28	Gab/Peg	77	166	0.017	**280**	40			5	6		
MTF32	28	29	Peg	269	579	0.058	**440**	50			30	37		
MTF32	29	30	Peg	520	1120	0.112	**1300**	120			1100	1343		
MTF32	30	31	Peg	482	1038	0.104	**990**	120			55	67		
MTF32	31	32	Peg	560	1206	0.121	**910**	90			25	31		
MTF32	32	33	Peg	320	689	0.069	**1100**	100			60	73		
MTF32	33	34	Peg	260	560	0.056	**710**	55			20	24		
MTF32	34	35	Peg	190	409	0.041		80			30	37		
MTF32	35	36	Peg	85	183	0.018	**630**	55			65	79		
MTF32	36	37	Peg	50	108	0.011	**310**	25			25	31		
MTF32	37	38	Peg	7	15	0.002	**30**	5			15	18		
MTF32	38	39	Peg	5	11	0.001	**9**	5			35	43		
MTF32	39	40	Peg	9	19	0.002	**10**	5			5	6		
MTF32	40	41	Peg	12	26	0.003	**55**	5			11	13		
MTF33	0	1	Peg	800	1722	0.172	**1200**	75			5	6		
MTF33	1	2	Peg	282	607	0.061	**410**	40			5	6		
MTF33	2	3	QtzCore	79	170	0.017	**11**	12			13	16		
MTF33	3	4	QtzCore	99	213	0.021	**65**	45			5	6		
MTF33	4	5	QtzCore	710	1529	0.153	**2700**	360			480	586		

Hole	From	To	Lithology	Li_ppm	Li2O_ppm	LI2O_%	**Rb_ppm**	Cs_ppm	Na_%	K_%	Ta_ppm	Ta2O5_ppm	Sn_ppm	Nb_ppm
MTF33	5	6	QtzCore	5900	12703	1.270	**10000**	1900			230	281		
MTF33	6	7	QtzCore	271	583	0.058	**750**	45			550	672		
MTF33	7	8	QtzCore	880	1895	0.189	**1700**	140			45	55		
MTF33	8	9	Peg	540	1163	0.116	**920**	90			35	43		
MTF33	9	10	Peg	1050	2261	0.226	**2000**	140			5	6		
MTF33	10	11	Peg	920	1981	0.198	**2600**	150			5	6		
MTF33	11	12	Peg	450	969	0.097	**1100**	80			30	37		
MTF33	12	13	Peg	570	1227	0.123	**1500**	140			45	55		
MTF33	13	14	Gab	151	325	0.033	**340**	40			5	6		
MTF34	2	3	Gab	119	256	0.026	**190**	14			5	6		
MTF34	3	4	Peg	1120	2411	0.241	**2000**	100			100	122		
MTF34	4	5	Peg	147	316	0.032	**270**	35			55	67		
MTF34	5	6	QtzCore	219	472	0.047	**980**	60			50	61		
MTF34	6	7	QtzCore	960	2067	0.207	**1200**	150			65	79		
MTF34	7	8	Peg	1160	2497	0.250	**1600**	130			20	24		
MTF34	8	9	Peg	1190	2562	0.256	**1200**	160			70	85		
MTF34	9	10	Peg	1510	3251	0.325	**1700**	380			95	116		
MTF34	10	11	Peg	810	1744	0.174	**860**	150			40	49		
MTF34	11	12	Gab	111	239	0.024	**80**	14			20	24		
MTF35	2	3	VQZ	68	146	0.015	**9**	25			10	12		
MTF35	3	4	VQZ	53	114	0.011	**270**	45			5	6		
MTF35	4	5	VQZ	45	97	0.010	**360**	55			80	98		
MTF35	5	6	VQZ	40	86	0.009	**290**	35			120	147		
MTF35	6	7	VQZ	37	80	0.008	**360**	45			220	269		
MTF35	7	8	VQZ	19	41	0.004	**190**	16			1000	1221		
MTF35	8	9	Peg	9	19	0.002	**210**	18			790	965		
MTF35	9	10	Peg	15	32	0.003	**230**	15			280	342		
MTF35	10	11	Peg	39	84	0.008	**520**	20			320	391		
MTF35	11	12	QtzCore	18	39	0.004	**110**	14			420	513		
MTF35	12	13	QtzCore	14	30	0.003	**80**	5			940	1148		
MTF35	13	14	QtzCore	12	26	0.003	**25**	5			450	549		
MTF35	14	15	QtzCore	7	15	0.002	**25**	10			660	806		
MTF35	15	16	QtzCore	15	32	0.003	**380**	20			130	159		
MTF35	16	17	Peg	94	202	0.020	**1200**	70			35	43		
MTF35	17	18	Peg	22	47	0.005	**260**	15			55	67		
MTF35	18	19	Peg	57	123	0.012	**370**	45			40	49		
MTF36	0	1	VQZ	45	97	0.010	**40**	5			20	24		
MTF36	1	2	VQZ	68	146	0.015	**8**	5			19	23		
MTF36	2	3	VQZ	86	185	0.019	**15**	5			5	6		
MTF36	3	4	VQZ	120	258	0.026		5			5	6		
MTF36	4	5	VQZ	110	237	0.024	**1**	5			5	6		
MTF36	5	6	VQZ	85	183	0.018	**4**	5			5	6		
MTF36	6	7	VQZ	126	271	0.027	**9**	5			25	31		
MTF36	7	8	VQZ	70	151	0.015		5			15	18		
MTF36	8	9	VQZ	54	116	0.012	**65**	14			210	256		
MTF36	9	10	VQZ	58	125	0.012	**750**	65			310	379		
MTF36	10	11	Peg	60	129	0.013	**640**	60			340	415		
MTF36	11	12	Peg	51	110	0.011	**570**	40			250	305		
MTF36	12	13	Peg	39	84	0.008	**550**	35			360	440		
MTF36	13	14	Peg	31	67	0.007	**470**	25			460	562		
MTF36	14	15	Peg	23	50	0.005	**140**	11			130	159		
MTF36	15	16	Peg	28	60	0.006	**310**	55			16000	19536		
MTF36	16	17	Peg	60	129	0.013	**1000**	110			5600	6838		
MTF36	17	18	Peg	53	114	0.011	**410**	25			260	317		
MTF36	18	19	Peg	338	728	0.073	**870**	70			80	98		
MTF36	19	20	Peg	24	52	0.005	**170**	5			5	6		
MTF36	20	21	Peg	11	24	0.002	**40**	5			5	6		
MTF36	21	22	Peg	8	17	0.002	**80**	5			160	195		
MTF36	22	23	Peg	56	121	0.012	**930**	40			45	55		
MTF36	23	24	Peg	10	22	0.002	**130**	5			840	1026		
MTF36	24	25	Peg	18	39	0.004	**250**	5			670	818		
MTF36	25	26	Peg	13	28	0.003	**310**	13			120	147		
MTF36	26	27	Peg	7	15	0.002	**50**	5			55	67		
MTF36	27	28	Peg/Trans	50	108	0.011	**50**	5			16	20		
MTF36	28	29	Trans	34	73	0.007	**430**	5			45	55		
MTF36	29	30	Trans	14	30	0.003	**130**	5			80	98		
MTF37	0	1	QtzCore	60	129	0.013	**150**	5			25	31		
MTF37	1	2	QtzCore	44	95	0.009	**120**	5			75	92		
MTF37	2	3	QtzCore	17	37	0.004	**160**	5			210	256		
MTF37	3	4	QtzCore	41	88	0.009	**370**	30			250	305		
MTF37	4	5	QtzCore	29	62	0.006	**290**	18			400	488		
MTF37	5	6	QtzCore	19	41	0.004	**180**	12			350	427		
MTF37	6	7	QtzCore	17	37	0.004	**220**	5			500	611		
MTF37	7	8	QtzCore	53	114	0.011	**910**	150			330	403		
MTF37	8	9	QtzCore	26	56	0.006	**120**	5			190	232		

Hole	From	To	Lithology	Li_ppm	Li2O_ppm	LI2O_%	Rb_ppm	Cs_ppm	Na_%	K_%	Ta_ppm	Ta2O5_ppm	Sn_ppm	Nb_ppm
MTF37	9	10	QtzCore	22	47	0.005	350	45			1600	1954		
MTF37	10	11	QtzCore	16	34	0.003	310	30			1300	1587		
MTF37	11	12	QtzCore	11	24	0.002	130	18			2500	3053		
MTF37	12	13	QtzCore	10	22	0.002	90	5			290	354		
MTF37	13	14	QtzCore	368	792	0.079	860	75			60	73		
MTF37	14	15	Peg	1340	2885	0.289	2000	190			110	134		
MTF37	15	16	Peg	580	1249	0.125	1100	160			100	122		
MTF37	16	17	Peg	319	687	0.069	1000	140			60	73		
MTF37	17	18	Peg	34	73	0.007	380	40			12	15		
MTF37	18	19	Gab	63	136	0.014	70	5			5	6		
MTF38	0	1	QtzCore	64	138	0.014	35	20			5	6		
MTF38	1	2	QtzCore	97	209	0.021	25	13			5	6		
MTF38	2	3	QtzCore	111	239	0.024	16	16			14	17		
MTF38	3	4	QtzCore	120	258	0.026	3	10			5	6		
MTF38	4	5	QtzCore	89	192	0.019	3	14			15	18		
MTF38	5	6	QtzCore	28	60	0.006	4	5			5	6		
MTF38	6	7	QtzCore	56	121	0.012	1	5			5	6		
MTF38	7	8	QtzCore	103	222	0.022	3	5			5	6		
MTF38	8	9	QtzCore	41	88	0.009	8	5			5	6		
MTF38	9	10	QtzCore	38	82	0.008	160	40			5	6		
MTF38	10	11	QtzCore	32	69	0.007	240	35			35	43		
MTF38	11	12	QtzCore	28	60	0.006	300	33			12	15		
MTF38	12	13	Peg	24	52	0.005	310	3			280	342		
MTF38	13	14	Peg	7	15	0.002	80				6100	7448		
MTF38	14	15	Peg	13	28	0.003	130	14			16000	19536		
MTF38	15	16	Peg	16	34	0.003	85	12			790	965		
MTF38	16	17	Peg	11	24	0.002		5			2000	2442		
MTF38	17	18	Peg	7	15	0.002	55	5			620	757		
MTF38	18	19	Peg	455	980	0.098	920	70			75	92		
MTF38	19	20	Peg	780	1679	0.168	1900	140			55	67		
MTF38	20	21	Peg	58	125	0.012	650	40			45	55		
MTF38	21	22	Peg	53	114	0.011	210	25			60	73		
MTF38	22	23	Gab	31	67	0.007	130	5			5	6		
MTF39	0	1	QtzCore	36	78	0.008	1100	20			14	17		
MTF39	1	2	QtzCore	28	60	0.006	660	19			5	6		
MTF39	2	3	QtzCore	26	56	0.006	55	5			20	24		
MTF39	3	4	QtzCore	8	17	0.002	7	5			5	6		
MTF39	4	5	QtzCore	5	11	0.001	1	5			5	6		
MTF39	5	6	QtzCore	73	157	0.016	1	5			5	6		
MTF39	6	7	QtzCore	71	153	0.015	1	5			5	6		
MTF39	7	8	QtzCore	60	129	0.013	1	5			20	24		
MTF39	8	9	QtzCore	46	99	0.010	290	55			19	23		
MTF39	9	10	QtzCore	23	50	0.005	50	12			50	61		
MTF39	10	11	QtzCore	27	58	0.006	18	5			110	134		
MTF39	11	12	Peg	31	67	0.007	5	5			12	15		
MTF39	12	13	Peg	27	58	0.006	130	5			110	134		
MTF39	13	14	Peg	39	84	0.008	240	5			820	1001		
MTF39	14	15	Peg	10	22	0.002	130	5			1200	1465		
MTF39	15	16	Peg	13	28	0.003	140	5			3600	4396		
MTF39	16	17	Peg	14	30	0.003	140	5			22000	26862		
MTF39	17	18	Peg	13	28	0.003	130	5			18000	21978		
MTF39	18	19	Peg	4	9	0.001	16	5			1600	1954		
MTF39	19	20	Peg	4	9	0.001	15	5			840	1026		
MTF39	20	21	Peg	49	105	0.011	1100	45			180	220		
MTF39	21	22	Peg	481	1036	0.104	1600	80			45	55		
MTF39	22	23	Peg	166	357	0.036	540	35			70	85		
MTF39	23	24	Peg	79	170	0.017	450	25			50	61		
MTF39	24	25	Peg	109	235	0.023	580	35			100	122		
MTF39	25	26	Gab	30	65	0.006	80	5			25	31		
MTF40	0	1	QtzCore	53	114	0.011	70	5			45	55		
MTF40	1	2	QtzCore	56	121	0.012	18	5			5	6		
MTF40	2	3	QtzCore	37	80	0.008	7	5			10	12		
MTF40	3	4	QtzCore	37	80	0.008	13	5			5	6		
MTF40	4	5	QtzCore	76	164	0.016	3	5			5	6		
MTF40	5	6	QtzCore	45	97	0.010	1	5			10	12		
MTF40	6	7	QtzCore	48	103	0.010	1	5			20	24		
MTF40	7	8	QtzCore	26	56	0.006	1	5			13	16		
MTF40	8	9	QtzCore	22	47	0.005	1	5			35	43		
MTF40	9	10	QtzCore	41	88	0.009	3	5			15	18		
MTF40	10	11	QtzCore	29	62	0.006	320	10			40	49		
MTF40	11	12	QtzCore	28	60	0.006	85	5			14	17		
MTF40	12	13	QtzCore	32	69	0.007	55	15			16	20		
MTF40	13	14	QtzCore	96	207	0.021	1100	50			80	98		
MTF40	14	15	QtzCore	99	213	0.021	810	45			5	6		
MTF40	15	16	Peg	42	90	0.009	260	16			20	24		

Hole	From	To	Lithology	Li_ppm	Li2O_ppm	LI2O_%	**Rb_ppm**	Cs_ppm	Na_%	K_%	Ta_ppm	Ta2O5_ppm	Sn_ppm	Nb_ppm
MTF40	16	17	Peg	107	230	0.023	**820**	25			15	18		
MTF40	17	18	Peg	128	276	0.028	**550**	30			55	67		
MTF40	18	19	Peg	111	239	0.024	**790**	40			45	55		
MTF40	19	20	Peg	15	32	0.003	**220**	5			50	61		
MTF40	20	21	Peg	7	15	0.002	**45**	5			65	79		
MTF40	21	22	Peg	13	28	0.003	**65**	5			60	73		
MTF40	22	23	Peg	15	32	0.003	**260**	5			50	61		
MTF40	23	24	Peg	9	19	0.002	**85**	5			60	73		
MTF40	24	25	Peg	10	22	0.002	**130**	5			30	37		

JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (eg 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 (eg submarine nodules) may warrant disclosure of detailed information.*	• No details provided from Pancontinental' s report other than samples were collected at 1m intervals • It is unknown how representative these samples are, given they are historical in nature with limited data provided. Pancontinental reported taking 3kg splits from the RC drill chips • The mineralisation of the Pegmatite at Niobe is based on the analytical results by successive explorers including Tantalum Australia who conducted extensive drilling to define a tantalum resource (not the target commodity of the Exploration Target). Petrology did identify zinnwaldite micas as the main source of Li and presumably Rb and Cs. • Pancontinental conducted RC drilling collecting 1m interval samples, one cannot comment on sampling procedures as none were documented. Judging by the lack of documentation no consideration was taken into account of the coarseness of the pegmatite. The main lithium mineral was zinnwaldite, in micaceous cluster form, which may have influence on sampling methodology if not considered.
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg 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).*	• Reverse Circulation using a Scham universal rig and a NQ face sampling hammer and NQ 4" rods. The holes were angle by compass and clinometer (rig). No down hole orientation tools were reported probably due to shallow nature of the drilling.
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*	• No reporting of drill chip recoveries was mentioned on the logs • It is unknown what measures were taken to maximise sample recovery. • It is unknown any relationship between recovery and grade, as recovery was not reported.

Criteria	JORC Code explanation	Commentary
	loss/gain of fine/coarse material.	
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 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.*	• The detailed logs provide fair geological descriptions but no geotechnical information and would not support Mineral Resource estimation, mining studies or metallurgical studies. • The logging is qualitative but no quantative • The RC chips have been logged on a lithological rather than a metreage basis. No volume comparisons were made between sample intervals.
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.*	• It is not known what method the RC chips were subsampled other than they were split, collecting a 3kg split per metre. • They did not mention how the sample was spilt then this methodology is not a representative sub sampling technique • Sample control duplicates were taken in all mineralised zones with 84 samples collected at 3-5m intervals. These were analysed, also at SGS separately, and results compared their counterparts, four were found outside acceptable limits. Investigation found one due to interval error and the other 3 were due to grind issues with coarse micas in the charge residue. • It is not known whether grain size was a consideration in the sub-sampling technique.
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.*	• The samples were analysed at SGS with the same preparation (dry pulverised to -80mesh, split pulverised to -200mesh in Cr steel mill) but 3 different analytical methods 1. XRF-1 (Nb, Rb) pressed powder XRF method 2. XRF-1 (Ta, Sn, Cs, K) low dilution fusion 3. D3(a) (Li, Na) mixed acid total digest with AAS finish By today's standards these techniques are not ideal and have low sensitivity given the refractory nature of some elements with sodium peroxide fusion and ICP-MS being the recommended method. • No geophysical tools used • It is unknown what control procedures were adopted

Criteria	JORC Code explanation	Commentary
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.*	• No verification techniques were reported. • No twinned holes were drilled • Full documentation procedures were reported, presumably dur to the age of the historical drilling the data collection would have been manually, including the laboratory except for the final analytical data • Assay data was presented as raw lab data with not assay adjustments.
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.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• The hole collars were established on a surveyed grid system with no GPS data given. The local grid was converted to eastings and northings by georeferencing maps with key landmark identifiers then comparing to located satellite images, giving confidence to location data • The converted data used GDA94 zone 50 datum • The topographic control was limited to STRM data, with the relative topographic error minimized due to the generally flat topography and close collar spacing
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 drill hole spacing was generally 10m (E-W) and 15m (N-S) with angle holes drilled in along N-S lines with offline vertical holes. • The 31 holes are confined to an area approximately 80m (E-W) by 65m (N-S) and therefore considered constricted enough for Exploration Target status • Sample compositing has not been applied with results on a 1m down hole interval basis.
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.*	• The holes were generally drilled to an azimuth of 170-180 degrees at dips of -70 degrees. The Niobe pegmatite sheet strikes to the NE and dips 30-40 degrees to the northwest. The holes are therefore off perpendicular with true width thickness not the same as down hole thickness. True width varies from 25 to 35m, with flaring noted at surface. • The mineralisation is in the style of a LCT pegmatite, zoned with a quartz rich core and mineralisation found in the intermediate and

Criteria	JORC Code explanation	Commentary
		walled zones but not consistent across these zones. The drilling cuts across either part of the zone or across all zones depending upon if the holes start in the pegmatite or not but do start and/or finish in the host gabbro. The orientation of the angle holes while not perpendicular to the strike does add some sampling bias, it is not considered substantial for an Exploration Target status when ranges are given but no resource defined.
Sample security	• *The measures taken to ensure sample security.*	• It is unknown what sample measures were taken to ensure sample security
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No audits or reviews were reported on the the sampling technique or data generated.

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.*	• The Niobe Project consists of a single prospecting licence P59/2137 held by Meridian 120 Mining Ltd located 70km of Mout Magnet that Aldoro Resources entered a binding agreement sale agreement. • The prospecting licence is granted and expires on the 25/3/2022 unless an extension is applied. There are no impediments to accessing the licence to conduct exploration other than standard approval for ground disturbing techniques of Programme of Works (POWs).
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Historical exploration was initially for beryl by prospectors then primarily for tantalum with the development of the Niobe resource. There has been no systematic exploration for Rubidium, lithium or Caesium despite the presence of LCT type pegmatites. e ○ **Late 1950's to 1984**. Exploration was conducted by prospectors who located the main mineralised zones of

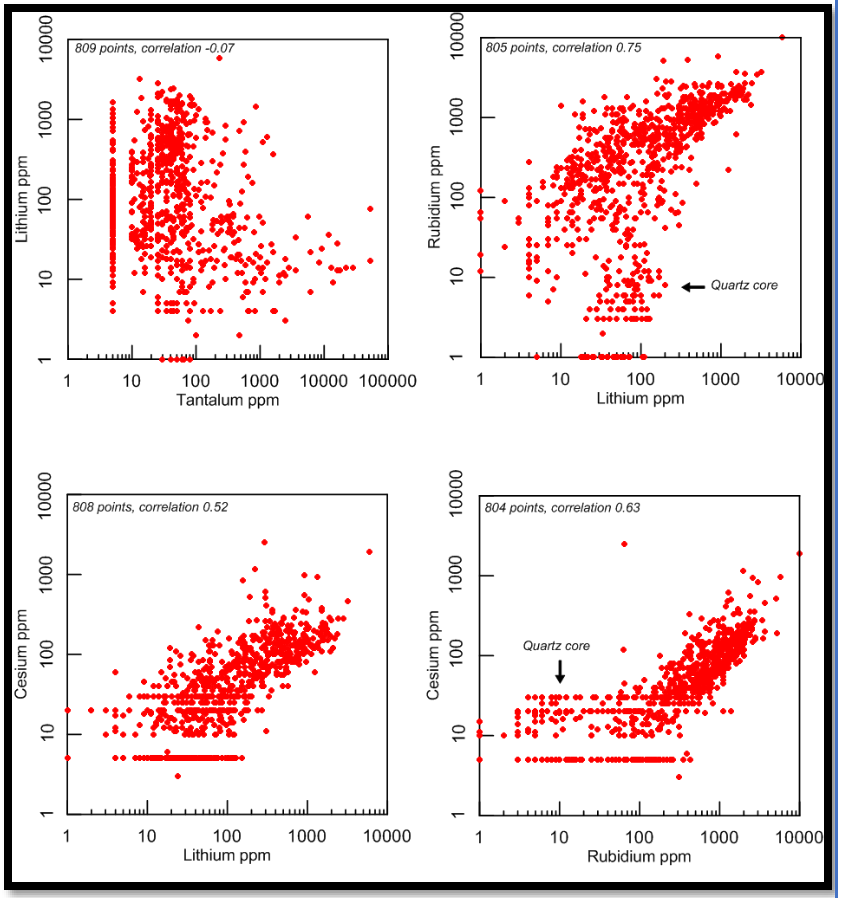
Criteria	JORC Code explanation	Commentary
		the pegmatites and quarried these for beryl and included limited exploitation of eluvial tantalite and cassiterite. ○ **1984 to 1999**. Systematic exploration by Pancontinental Mining Ltd included geological mapping, rock chip sampling, drilling (RC, RAB, Diamond), costeaning, petrography, metallurgy, resource definition, trial mining and rehabilitation. Their focus was tantalum but included some lithium analysis. Geochemical analysis from 40 holes predominantly into the main Niobe pegmatite dilation but also into the northeast Niobe lobe were analysed for Li and included Cs, Ta, Rb, Nb, Sn, Na, and K. A total of 13 surface rock samples and 38 semicontinuous costean samples were also analysed with the same suite of elements. A total of 15 RC chip samples were petrographically described, 4 of which contained zinnwaldite. ○ **1999-2003** Australian Gold Mines NL and Kemet Corporation formed Tantalum Australia and undertook assessment of the Dalgaranga and Warda Warra pegmatite fields with the view to exploit the tantalum mineralisation. Work included new geological mapping, conducted further drilling and resource investigation. They processed stockpile and tailings through the Dalgaranga tantalum plant. ○ **2007-2017** Diversity Resources Pty Ltd acquired the ground and operator Meridian 120 Mining Pty Ltd conducted a detailed review, undertaking new geological mapping, orientation soil sampling and compilation of a digital database. ○ **2018-Present**. Meridian acquired the project and undertook further geological mapping, rock chip sampling and consolidation of the projects database. A total of 6 rock chip samples and 2 drill chip resamples were collected and analysed for Li, Cs, Nb, Rb, Sn and Ta.

Criteria	JORC Code explanation	Commentary
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The Niobe project lies in the east-north-easterly trending Archaean Dalgaranga Greenstone Belt, a synclinal belt some 50km long and 20km wide consisting dominantly of metasediments, felsic volcanics and lesser basalts within the Murchison Terrane. Seven known intrusive thick gabbroic sills display differentiation with defined layering from ultramafic bases grading into mafic rocks. The NE-NNE trending synclinal axis has been interpreted to lie to the NW of the project area. Pegmatite swarms are found in the northerly part of the belt as late-stage fluidisation events from the local granitoids, which lie to the north, and are hosted in metagabbro and pelitic schists. The swarm generally trends in a north-easterly orientated parallel to the Big Bell Shear Zone. Tantalum, beryllium, tin, tungsten, lithium and molybdenum mineralisation are found associated with the pegmatites. Niobe Project pegmatites fit the style of mineralisation associated with Lithium-Caesium-Tantalum (LCT) pegmatites as they are hosted in a greenstone belt, fractionated with enrichments in enriched Li, Cs, Ta, Rb, Be and Nb and exhibit zoning as wall rock, intermediate and core zones are defined. The lithium minerals reported are zinnwaldite, lepidolite, elbaite and possibly spodumene supporting a level of zonation and fractionation while other minerals reported are cassiterite (Sn), tantalite-columbite (Ta), microlite (pyrochlore Nb), beryl (Be)
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*	• See the tables attached after this section which provide collar, geology and assay information. • No relevant information has been excluded. All seven profiles have been provided as examples of the down hole mineralisation.

Criteria	JORC Code explanation	Commentary
	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.	
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.*	• No data aggregation methods have been adopted, however for the purposes of obtain Exploration Target tonnage and grade ranges, cut off grade have been used for the lower tonnage – higher grade figures. Rb cut off grade was 200ppm. The high tonnage figure and lower grade was obtained juts using the pegmatite intersections as the mineralized interval. • To obtain the tonnages and grade ranges MapInfo Discover resource calculation programme was used. Key parameters were 1m cell size (as the assays were on a 1m basis), the ellipse parameters were 10m radius based on the E-W spacing of 10m with N-S slices used as control. A pegmatite density of 2.6 was used based on the weathered pegmatite in the pit being 2.5 and assuming the pegmatite below will be fresher and less pore space. Also 2.6 is the standard pegmatite value in rock density tables. • No metal equivalents were 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').*	• The mineralisation is contained to the pegmatite with the intercept length exhibiting zoning which is also reflected the changes in lithological zoning of the pegmatite. The quartz core is generally low in mineralisation but the upper and lower intermediate and transition zones contain higher levels of mineralisation • The geometry of the mineralisation is dictated by the zoning and fractionation of the pegmatite and is restricted to the inclined tabular morphology of the pegmatite. • The north south drill holes are drilled perpendicular to the direction of the dip, although the plunge is the northwest. Down hole lengths have been reported, and have not been converted to true width
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*	• All seven relevant sections have been provided with an overview plan, see diagrams as examples.

Criteria	JORC Code explanation	Commentary
	drill hole collar locations and appropriate sectional views.	
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.*	• Attached are a complete set of collar, geology and assay results for all 31 holes in the Exploration target.
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.*	• While other substantial exploration data sets are available, these pertain to Tantalum and therefore are not relevant to this announcement. • Plots of the analytical data reveal

Criteria	JORC Code explanation	Commentary



- **Li-Ta Plot**. There appears to be no direct association between these elements other that it appears that the low to high Li values tend to have a higher frequency with the low (<100ppm) Ta values.

Criteria	JORC Code explanation	Commentary
		• **Rb-Li Plot**. Shows a direct normal relationship with good correlation, especially if the quartz core samples are removed. Note quite a few samples have >1000ppm Rb possibly coming from lepidolite or zinnwaldite. • **Cs-Li Plot** Also shows a reasonable normal correlation • **Cs-Rb Plot**. Displays a good normal correlation, especially if the quartz core samples were removed.
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.*	• An RC drilling programme is currently being planned to test expand the Exploration Target with holes planned along Pegmatite 1 & 2, Breakaway (to the west) and Niobe South (to the south). A rig has been booked for end of September 2021, subject to POW approval. • See Map of planned drill areas
Cut-off parameters	• *The basis of the adopted cut-off grade(s) or quality parameters applied.*	• For the lower tonnage/higher grade a 200ppm cut-off was used, based on independent advise and being a statistical nick point in the spread of Rb ranges, see Rb-Li diagram above.
Mining factors or assumptions	• *Assumptions made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential mining methods, but the assumptions made regarding mining methods and parameters when estimating Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the mining assumptions made.*	• No mining factors or assumptions have been considered for this Exploration Target as these are considered outside the scope of this stage of exploration.
Metallurgical factors or assumptions	• *The basis for assumptions or predictions regarding metallurgical amenability. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential metallurgical methods, but the assumptions regarding metallurgical treatment processes and parameters made when reporting Mineral Resources may not always be rigorous.*	• No metallurgical factors or assumptions have been considered for this Exploration Target as these are considered outside the scope of this stage of exploration

Criteria	JORC Code explanation	Commentary
	Where this is the case, this should be reported with an explanation of the basis of the metallurgical assumptions made.	
Environmen-tal factors or assumptions	• *Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental impacts of the mining and processing operation. While at this stage the determination of potential environmental impacts, particularly for a greenfields project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made.*	• No environmental factors or assumptions have been considered for this Exploration Target as these are considered outside the scope of this stage of exploration. It must be noted that the area has be subject to trial mining in several locations in the past, with pits, ROM dumps and tailings.
Bulk density	• *Whether assumed or determined. If assumed, the basis for the assumptions. If determined, the method used, whether wet or dry, the frequency of the measurements, the nature, size and representativeness of the samples.* • *The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc), moisture and differences between rock and alteration zones within the deposit.* • *Discuss assumptions for bulk density estimates used in the evaluation process of the different materials.*	• Trial mining determined a bulk density of 2.5 for the weather surficial pegmatite due to increased porosity. However for the purposes of the assessment fresh rock was assumed with 2.6 used, which is the standard for pegmatite used in modelling. • Tantalum Australia trial mined the Tantalum at Niobe used 2.5 but did not detail how this figure was determined. • The mineralisation is restricted to the pegmatite, generally the intermediate zone. No attempt has been made to differentiate the bulk density of each zone with the pegmatite
Classification	• *The basis for the classification of the Mineral Resources into varying confidence categories.* • *Whether appropriate account has been taken of all relevant factors (ie relative confidence in tonnage/grade estimations, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data).* • *Whether the result appropriately reflects the Competent Person's view of the deposit.*	• No Mineral resource is considered, the project is purely an exploration play.
Audits or reviews	• *The results of any audits or reviews of Mineral Resource estimates.*	• No Mineral Resource defined
Discussion of relative	• *Where appropriate a statement of the relative accuracy and*	• No Mineral Resource defined

Criteria	JORC Code explanation	Commentary
accuracy/ confidence	*confidence level in the Mineral Resource estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the resource within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors that could affect the relative accuracy and confidence of the estimate.* • *The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.* • *These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.*	
Study status	• *The type and level of study undertaken to enable Mineral Resources to be converted to Ore Reserves.* • *The Code requires that a study to at least Pre-Feasibility Study level has been undertaken to convert Mineral Resources to Ore Reserves. Such studies will have been carried out and will have determined a mine plan that is technically achievable and economically viable, and that material Modifying Factors have been considered.*	• No Mineral Resource defined
Cut-off parameters	• *The basis of the cut-off grade(s) or quality parameters applied.*	• No Mineral Resource defined
Mining factors or assumptions	• *The method and assumptions used as reported in the Pre-Feasibility or Feasibility Study to convert the Mineral Resource to an Ore Reserve (i.e. either by application of appropriate factors by optimisation or by preliminary or detailed design).* • *The choice, nature and appropriateness of the selected mining method(s) and other mining parameters including associated design issues such as pre-strip, access, etc.* • *The assumptions made regarding geotechnical parameters (eg pit slopes, stope sizes, etc), grade control and pre-production drilling.* • *The major assumptions made and Mineral Resource model used for pit and stope optimisation (if appropriate).* • *The mining dilution factors used.*	• No Mineral Resource defined

Criteria	JORC Code explanation	Commentary
	• *The mining recovery factors used.* • *Any minimum mining widths used.* • *The manner in which Inferred Mineral Resources are utilised in mining studies and the sensitivity of the outcome to their inclusion.* • *The infrastructure requirements of the selected mining methods.*	
Metallurgical factors or assumptions	• *The metallurgical process proposed and the appropriateness of that process to the style of mineralisation.* • *Whether the metallurgical process is well-tested technology or novel in nature.* • *The nature, amount and representativeness of metallurgical test work undertaken, the nature of the metallurgical domaining applied and the corresponding metallurgical recovery factors applied.* • *Any assumptions or allowances made for deleterious elements.* • *The existence of any bulk sample or pilot scale test work and the degree to which such samples are considered representative of the orebody as a whole.* • *For minerals that are defined by a specification, has the ore reserve estimation been based on the appropriate mineralogy to meet the specifications?*	• No Mineral Resource defined
Environmen-tal	• *The status of studies of potential environmental impacts of the mining and processing operation. Details of waste rock characterisation and the consideration of potential sites, status of design options considered and, where applicable, the status of approvals for process residue storage and waste dumps should be reported.*	• No Mineral Resource defined
Infrastructure	• *The existence of appropriate infrastructure: availability of land for plant development, power, water, transportation (particularly for bulk commodities), labour, accommodation; or the ease with which the infrastructure can be provided, or accessed.*	• No Mineral Resource defined
Costs	• *The derivation of, or assumptions made, regarding projected capital costs in the study.* • *The methodology used to estimate operating costs.* • *Allowances made for the content of deleterious elements.* • *The source of exchange rates used in the study.* • *Derivation of transportation charges.*	• No Mineral Resource defined

Criteria	JORC Code explanation	Commentary
	• *The basis for forecasting or source of treatment and refining charges, penalties for failure to meet specification, etc.* • *The allowances made for royalties payable, both Government and private.*	
Revenue factors	• *The derivation of, or assumptions made regarding revenue factors including head grade, metal or commodity price(s) exchange rates, transportation and treatment charges, penalties, net smelter returns, etc.* • *The derivation of assumptions made of metal or commodity price(s), for the principal metals, minerals and co-products.*	• No Mineral Resource defined
Market assessment	• *The demand, supply and stock situation for the particular commodity, consumption trends and factors likely to affect supply and demand into the future.* • *A customer and competitor analysis along with the identification of likely market windows for the product.* • *Price and volume forecasts and the basis for these forecasts.* • *For industrial minerals the customer specification, testing and acceptance requirements prior to a supply contract.*	• No Mineral Resource defined
Economic	• *The inputs to the economic analysis to produce the net present value (NPV) in the study, the source and confidence of these economic inputs including estimated inflation, discount rate, etc.* • *NPV ranges and sensitivity to variations in the significant assumptions and inputs.*	• No Mineral Resource defined
Social	• *The status of agreements with key stakeholders and matters leading to social licence to operate.*	• No Mineral Resource defined
Other	• *To the extent relevant, the impact of the following on the project and/or on the estimation and classification of the Ore Reserves:* • *Any identified material naturally occurring risks.* • *The status of material legal agreements and marketing arrangements.* • *The status of governmental agreements and approvals critical to the viability of the project, such as mineral tenement status, and government and statutory approvals. There must be reasonable grounds to expect that all necessary Government approvals will be received within the timeframes anticipated in the Pre-Feasibility or*	• No Mineral Resource defined

Criteria	JORC Code explanation	Commentary
	Feasibility study. Highlight and discuss the materiality of any unresolved matter that is dependent on a third party on which extraction of the reserve is contingent.	
Classification	• *The basis for the classification of the Ore Reserves into varying confidence categories.* • *Whether the result appropriately reflects the Competent Person's view of the deposit.* • *The proportion of Probable Ore Reserves that have been derived from Measured Mineral Resources (if any).*	• No Mineral Resource defined
Audits or reviews	• *The results of any audits or reviews of Ore Reserve estimates.*	• No Mineral Resource defined
Discussion of relative accuracy/ confidence	• *Where appropriate a statement of the relative accuracy and confidence level in the Ore Reserve estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the reserve within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors which could affect the relative accuracy and confidence of the estimate.* • *The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.* • *Accuracy and confidence discussions should extend to specific discussions of any applied Modifying Factors that may have a material impact on Ore Reserve viability, or for which there are remaining areas of uncertainty at the current study stage.* • *It is recognised that this may not be possible or appropriate in all circumstances. These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.*	• No Mineral Resource defined