ASX Announcement

Critical Resources Limited

13 December 2022

Mavis Lake High-Grade Lithium Mineralisation Strike Length extended to 1,300m

Highlights

- Assay results from 30 drill holes confirm significant lithium mineralisation, extending the known lithium mineralised strike length by 550 meters (total length confirmed at 1,300m)
- Latest assays continue to demonstrate consistently high lithium grades at Mavis Lake, with multiple intercepts grading over 1.2% Li20 and sections of extremely high-grade up to 4.2% Li2O
- Standout assays include:
  - MF22-129 with 7.1m @ 1.23% Li2O from 13.35m downhole
  - MF22-149 with 7.6m @ 1.30% Li2O from 135m downhole
  - MF22-150 with 7.7m @ 1.23% Li2O from 183.82m downhole
- Results to be included in the JORC 2012 compliant Maiden Mineral Resource Estimate
- 18,500m of drilling completed so far in 2022, with assays pending from 26 drill holes
- Fully funded drilling program to continue throughout the Canadian winter

Overview

Critical Resources Limited (**ASX:CRR**) ("Critical Resources" or "the Company") is pleased to advise of assay results from the Company's 100% owned Mavis Lake Lithium Project. All assay data will be provided to the independent resource geologist currently preparing the Company's Maiden Mineral Resource Estimate (MRE).

The assay results significantly extend the current strike length of known lithium mineralisation at Mavis Lake by 550 meters. The total strike length now sits at 1,300 meters. Full details can be found in Appendix 1. The MRE is being prepared on an open pit basis, the strike length at Mavis Lake and shallow pegmatites provide outstanding potential economic upside for the project.

Critical Resources' Managing Director Alex Cheeseman said:

"The Company has been actively drilling and developing the Mavis Lake project for almost a year, and we are very pleased with another round of excellent results.

In less than two months, the strike length of known lithium mineralisation at Mavis Lake's main zone has increased significantly and remains open, our drilling strategy is delivering results that will directly support our maiden resource.

Latest drilling results include multiple high-grade intercepts, as well as an extremely high grade section of up to 4.2% Li20.

The extension of the mineralised zone supports our broader development plans at Mavis Lake.

The opportunity to develop a lithium project with class-leading logistics and existing, immediately accessible infrastructure that provides a direct path to market, will enable Critical Resources to deliver into the Canadian and American electric vehicle supply chain during a period of unprecedented investment and growth."

Figure 1 – 1,300m strike length of lithium mineralization confirmed via 18,500m of drilling

Future Works

The Company continues drilling at Mavis Lake, with the drilling program moving between main zone extension and testing mapped pegmatites adjacent to the main zone.

The Company is focusing efforts on drilling targets that will add to the potential mineral resource at Mavis Lake. Study work is ongoing in support of future development plans.

The Company has 26 drill holes with assays pending and will provide updates to the market as and when results are made available.

This announcement has been approved for release by the Board of Directors

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COMPETENT PERSONS STATEMENT

The information in this ASX Announcement that relates to Exploration Results is based on information compiled by Mr. Troy Gallik (P. Geo), a Competent Person who is a Member of the Association of Professional Geoscientists of Ontario. Troy Gallik is a full-time employee of Critical Resources. Mr. Gallik 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 Reserves". Mr. Gallik consents to the inclusion in this Announcement of the matters based on his information in the form and context in which it appears.

FORWARD LOOKING STATEMENTS

This announcement may contain certain forward-looking statements and projections. Such forward looking statements/projections are estimates for discussion purposes only and should not be relied upon. Forward looking statements/projections are inherently uncertain and may therefore differ materially from results ultimately achieved. Critical Resources Limited does not make any representations and provides no warranties concerning the accuracy of the projections and disclaims any obligation to update or revise any forward looking statements/projects based on new information, future events or otherwise except to the extent required by applicable laws. While the information contained in this report has been prepared in good faith, neither Critical Resources Limited or any of its directors, officers, agents, employees or advisors give any representation or warranty, express or implied, as to the fairness, accuracy, completeness or correctness of the information, opinions and conclusions contained in this announcement.

ABOUT CRITICAL RESOURCES LIMITED

Critical Resources is advancing and developing critical metals projects for a decarbonised future.

The Company's primary objective is the rapid development of its flagship Mavis Lake Lithium Project, located in Ontario, Canada. Mavis Lake is an advanced exploration project with near-term development potential. Importantly, Critical has an exciting opportunity for further regional growth through exploration at its Graphic Lake, Plaid and Whiteloon prospects, along with expanding its Canadian portfolio through potential increased land holdings and merger and acquisitions.

The Company's other projects include the Halls Peak Project in NSW, Australia, a high-quality base metals project with significant scale potential and the Block 4 and Block 5 copper project, located in Oman.

Appendix 1 – Exploration Results

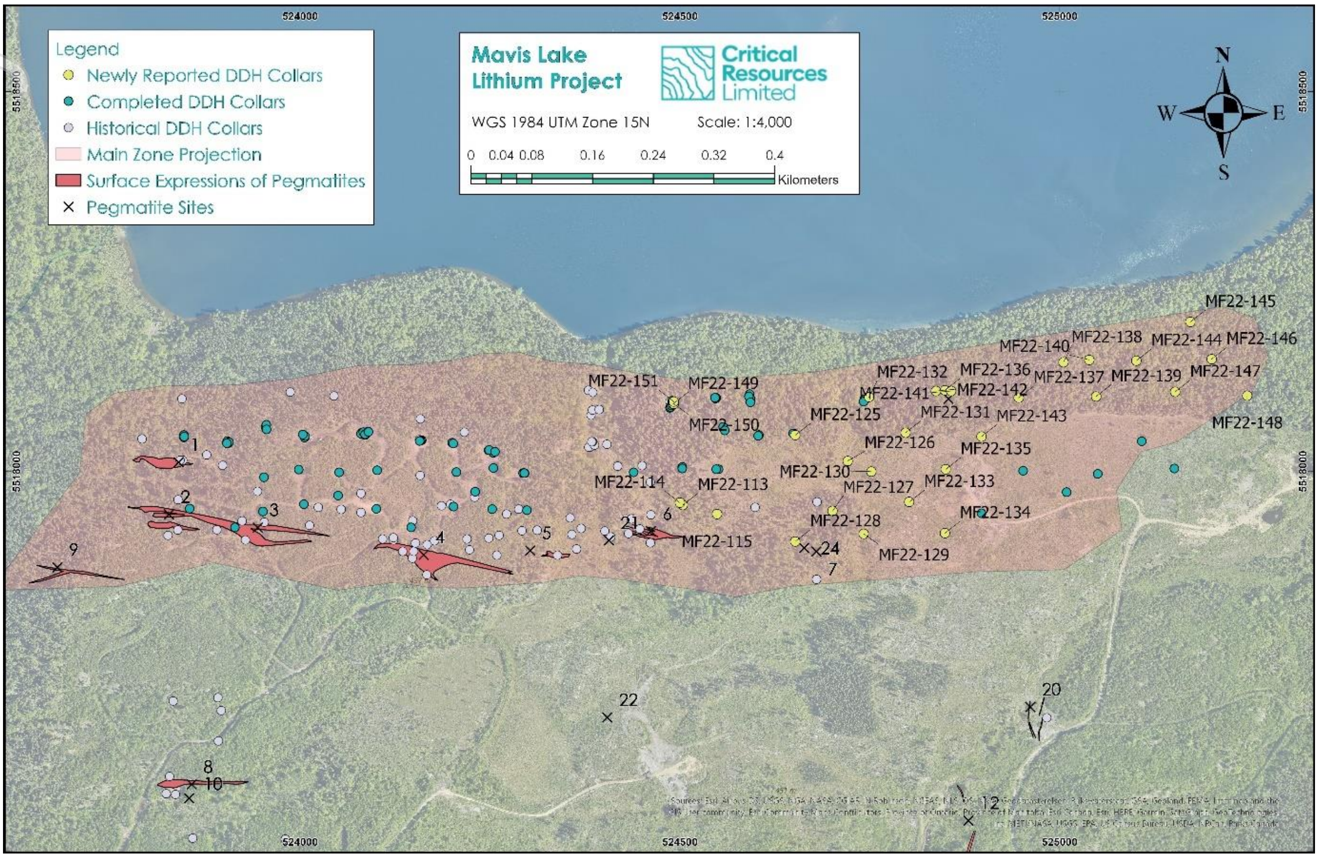

Figure 2 - Plan Map of the Main Zone (yellow drill collars identify drill holes MF22-113 to MF22-115 and MF22-125 to MF22-151)

Table 1 – Significant Assay Results from MF22-113 to MF22-115 and MF22-125 to MF22-151

Hole ID	From (m)	To (m)	Down Hole Interval (m)	Li2O (%)	True Width (m)
MF22-125	59.3	62.35	3.05	2.06	2.5925
and	68.3	72.5	4.2	0.77	3.57
and	147.8	151.3	3.5	1.1	2.975
MF22-126	34.45	39.25	4.8	1.72	4.08
and	56.7	57.2	0.5	2.58	0.425
MF22-129	12.55	23.4	10.85	0.84	10.3075
including	13.35	20.45	7.1	1.23	6.745
including	15	16.2	1.2	2.73	1.14
including	18.85	19.15	0.3	4.2	0.285

MF22-130	27.1	31.2	4.1	0.84	3.895
including	28.5	31.2	2.7	1.23	2.565
MF22-131	31.2	34.9	3.7	1.44	3.33
and	49.1	51.2	2.1	0.9	1.89
and	62.5	63.65	1.15	1.75	1.035
and	85.15	85.9	0.75	1.36	0.675
MF22-135	18.65	19.5	0.85	1.1	0.75
MF22-136	1.5	2.75	1.25	1.13	1
MF22-139	23.35	26.25	2.9	1.84	2.7
including	25.05	26.25	1.2	2.41	1.1
MF22-149	135.85	143.45	7.6	1.3	6.84
including	136.3	139.05	2.75	2.16	2.475
and	187.05	189.45	2.4	1.19	2.16
MF22-150	140.65	146.1	5.45	0.5	4.905
including	141.2	142.42	1.22	1.64	1.098
and	183.82	191.55	7.73	1.23	6.957
including	185.3	191.55	6.25	1.48	5.625
including	189.08	189.62	0.54	2.69	0.486
and	248.78	249.42	0.64	2	0.576
MF22-151	239.65	240.15	0.5	3.92	0.45

Note: Refer to Table 3 for all Assay Results

Table 2 – Drill Hole Summary MF22-113 to MF22-115 and MF22-125 to MF22-151

Hole ID	Date Drilled		UTM Zone 15N (NAD83)			Collar Orientation		Metres Drilled	
Hole ID	Start Date	End Date	Easting	Northing	Elevation	Az	Dip	Casing Depth	End Depth
MF22-113	23-Jul-22	23-Jul-22	524504	5517956	425	190	-70	7.2	80
MF22-114	24-Jul-22	25-Jul-22	524500	5517959	425	274.7	-50	3	89
MF22-115	25-Jul-22	25-Jul-22	524549	5517944	431	190	70	3	68
MF22-125	14-Aug-22	16-Aug-22	524652	5518048	435	315.1	-85	3	176

MF22-126	17-Aug-22	21-Aug-22	524721	5518014	421	290.1	-85	9	161
MF22-127	21-Aug-22	22-Aug-22	524701	5517948	421	189.6	-70	9	119
MF22-128	22-Aug-22	22-Aug-22	524652	5517908	422	190.4	-70	3	56
MF22-129	23-Aug-22	23-Aug-22	524742	5517918	426	189.7	-70	3	78
MF22-130	25-Aug-22	26-Aug-22	524752	5518000	419	189.9	-70	6	152
MF22-131	27-Aug-22	28-Aug-22	524797	5518051	419	180.4	-70	6	149
MF22-132	28-Aug-22	31-Aug-22	524749	5518098	419	190	-70	3	251
MF22-133	05-Sep-22	05-Sep-22	524802	5517960	420	180	-60	3	152
MF22-134	06-Sep-22	06-Sep-22	524849	5517919	425	170	-70	3	56
MF22-135	07-Sep-22	08-Sep-22	524850	5518003	424	170	-70	6	134
MF22-136	08-Sep-22	09-Sep-22	524849	5518107	421	170	-67	3	194
MF22-137	10-Sep-22	11-Sep-22	524946	5518097	429	160	-50	3	200
MF22-138	12-Sep-22	13-Sep-22	525005	5518144	433	160	-50	1.5	200
MF22-139	18-Sep-22	19-Sep-22	525048	5518099	419	170	-70	9.6	110
MF22-140	19-Sep-22	20-Sep-22	525039	5518147	416	169.6	-70	6	110
MF22-141	20-Sep-22	21-Sep-22	524857	5518106	415	315.1	-45	3	68
MF22-142	20-Sep-22	21-Sep-22	524837	5518106	415	120.1	-50	3	104
MF22-143	22-Sep-22	22-Sep-22	524897	5518046	428	170.2	-70	3	98
MF22-144	23-Sep-22	23-Sep-22	525101	5518146	421	170.5	-70	9	86
MF22-145	25-Sep-22	26-Sep-22	525172	5518197	400	160.5	-50	3	136
MF22-146	26-Sep-22	27-Sep-22	525200	5518148	400	160	-50	3	185
MF22-147	28-Sep-22	29-Sep-22	525152	5518105	421	159.8	-51	9	185
MF22-148	29-Sep-22	29-Sep-22	525247	5518100	381	160.4	-50	9	76
MF22-149	30-Sep-22	01-Oct-22	524491	5518089	437	135	-75	3	281
MF22-150	03-Oct-22	05-Oct-22	524492	5518089	435	175.1	-83	3	272
MF22-151	05-Oct-22	07-Oct-22	524492	5518092	438	220.3	-75	3	296

Table 3 – MF22-113 to MF22-115 and MF22-125 to MF22-151 Assay Results

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-113	799388	14.2	15.7	1870	0.403
MF22-113	799389	15.7	16	640	0.138
MF22-113	799390	16	16.6	605	0.130
MF22-113	799392	16.6	17.2	149	0.032
MF22-113	799393	17.2	18.3	3380	0.728
MF22-113	799394	18.3	19.8	432	0.093
MF22-113	799395	25.4	25.8	22	0.005
MF22-113	799396	32.65	33.3	78	0.017
MF22-113	799397	69.25	69.65	82	0.018
MF22-113	799398	69.65	70.15	26	0.006
MF22-114	799399	27.2	28.7	634	0.136
MF22-114	799400	28.7	29	465	0.100
MF22-114	799402	29	30	96	0.021
MF22-114	799403	30	30.9	50	0.011
MF22-114	799404	30.9	31.2	717	0.154
MF22-114	799405	31.2	32.7	941	0.203
MF22-114	799406	41.6	43.1	595	0.128
MF22-114	799407	43.1	43.4	1300	0.280
MF22-114	799408	43.4	44.2	80	0.017
MF22-114	799409	44.2	44.9	79	0.017
MF22-114	799410	44.9	45.2	1070	0.230
MF22-114	799412	45.2	46.7	1220	0.263
MF22-114	799413	47.5	49	971	0.209
MF22-114	799414	49	50	521	0.112
MF22-114	799415	50	51	3930	0.846
MF22-114	799416	51	52.4	4240	0.913
MF22-114	799417	52.4	53.4	81	0.017
MF22-114	799418	53.4	54.4	37	0.008
MF22-114	799419	54.4	55.4	219	0.047
MF22-114	799420	55.4	55.7	815	0.175
MF22-114	799422	55.7	57.2	475	0.102
MF22-114	799423	57.2	58.7	240	0.052
MF22-115	799424	4.9	5.9	110	0.024
MF22-115	799425	7.7	9.2	2470	0.532
MF22-115	799426	9.2	9.5	712	0.153
MF22-115	799427	9.5	10.2	61	0.013
MF22-115	799428	10.2	10.5	583	0.126
MF22-115	799429	10.5	12	536	0.115
MF22-115	799430	19.95	21.45	781	0.168
MF22-115	799432	21.45	21.75	632	0.136
MF22-115	799433	21.75	22.8	68	0.015
MF22-115	799434	22.8	23.2	169	0.036
MF22-115	799435	23.2	23.5	233	0.050
MF22-115	799436	23.5	25	671	0.144
MF22-115	799437	56.9	57.55	48	0.010
MF22-125	1192933	57.3	58.9	1210	0.260
MF22-125	1192934	58.9	59.3	1450	0.312
MF22-125	1192935	59.3	61.2	12400	2.669
MF22-125	1192936	61.2	61.85	4780	1.029
MF22-125	1192937	61.85	62.35	5150	1.109
MF22-125	1192938	62.35	62.95	1920	0.413
MF22-125	1192939	62.95	64.75	741	0.160
MF22-125	1192940	64.75	66.5	905	0.195
MF22-125	1192942	66.5	66.85	936	0.201
MF22-125	1192943	66.85	68.3	154	0.033
MF22-125	1192944	68.3	68.95	2860	0.616
MF22-125	1192945	68.95	70.35	1030	0.222
MF22-125	1192946	70.35	71	2790	0.601
MF22-125	1192947	71	71.75	4920	1.059
MF22-125	1192948	71.75	72.5	8230	1.772
MF22-125	1192949	72.5	74	32	0.007
MF22-125	1192950	74	74.4	872	0.188
MF22-125	1192952	74.4	75.6	455	0.098
MF22-125	1192953	145.65	147.45	2330	0.502
MF22-125	1192954	147.45	147.8	3860	0.831
MF22-125	1192955	147.8	148.4	193	0.042
MF22-125	1192956	148.4	148.9	3410	0.734
MF22-125	1192957	148.9	150.9	8010	1.724
MF22-125	1192958	150.9	151.3	147	0.032
MF22-125	1192959	151.3	151.65	5660	1.218
MF22-125	1192960	151.65	153.16	2880	0.620
MF22-126	1192962	32.1	33.95	1940	0.418
MF22-126	1192963	33.95	34.45	3080	0.663
MF22-126	1192964	34.45	35.05	7900	1.701
MF22-126	1192965	35.05	36.35	10900	2.346
MF22-126	1192966	36.35	36.65	4050	0.872

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-126	1192967	36.65	37.65	13800	2.971
MF22-126	1192968	37.65	38.4	5440	1.171
MF22-126	1192969	38.4	39.25	398	0.086
MF22-126	1192970	39.25	39.7	1640	0.353
MF22-126	1192972	39.7	41.4	975	0.210
MF22-126	1192973	54	55.6	972	0.209
MF22-126	1192974	55.6	56	2230	0.480
MF22-126	1192975	56	56.7	82	0.018
MF22-126	1192976	56.7	57.2	12000	2.583
MF22-126	1192977	57.2	57.95	295	0.064
MF22-126	1192978	57.95	58.5	128	0.028
MF22-126	1192979	58.5	59.2	505	0.109
MF22-126	1192980	59.2	60.75	430	0.093
MF22-126	1192982	90.9	92.25	2040	0.439
MF22-126	1192983	92.25	92.8	469	0.101
MF22-126	1192984	92.8	93.2	91	0.020
MF22-126	1192985	93.2	93.7	821	0.177
MF22-126	1192986	93.7	95	335	0.072
MF22-126	1192987	95	96.6	1290	0.278
MF22-126	1192988	96.6	97.1	2210	0.476
MF22-126	1192989	97.1	97.5	67	0.014
MF22-126	1192990	97.5	97.8	222	0.048
MF22-126	1192992	97.8	99.5	520	0.112
MF22-126	1192993	99.5	100.05	1890	0.407
MF22-126	1192994	100.05	101.6	2660	0.573
MF22-126	1192995	127.85	128.95	331	0.071
MF22-126	1192996	128.95	129.4	333	0.072
MF22-126	1192997	129.4	130.6	471	0.101
MF22-126	1192998	130.6	131	278	0.060
MF22-126	1192999	131	131.35	15	0.003
MF22-126	1193502	132.85	134.2	283	0.061
MF22-126	1193503	134.2	134.9	83	0.018
MF22-126	1193504	134.9	135.4	6960	1.498
MF22-126	1193505	135.4	135.8	246	0.053
MF22-126	1193506	135.8	136.35	734	0.158
MF22-126	1193507	136.35	137.55	386	0.083
MF22-126	1193508	137.55	138.4	400	0.086
MF22-126	1193509	138.4	138.85	243	0.052

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-126	1193510	138.85	140.4	43	0.009
MF22-126	1193512	140.4	141	420	0.090
MF22-126	1193513	141	142.5	498	0.107
MF22-126	1193514	149.4	150.9	733	0.158
MF22-126	1193515	150.9	151.35	1190	0.256
MF22-126	1193516	151.35	151.75	82	0.018
MF22-126	1193517	151.75	152.4	104	0.022
MF22-126	1193518	152.4	152.85	2120	0.456
MF22-126	1193519	152.85	154.65	595	0.128
MF22-127	1193520	46	46.4	359	0.077
MF22-127	1193522	47.7	49.35	480	0.103
MF22-128	1193523	12.95	14.6	1730	0.372
MF22-128	1193524	14.6	15	1140	0.245
MF22-128	1193525	15	15.8	79	0.017
MF22-128	1193526	15.8	16.3	800	0.172
MF22-128	1193527	16.3	17.4	894	0.192
MF22-129	1193528	9.85	11	844	0.182
MF22-129	1193529	11	11.45	562	0.121
MF22-129	1193530	11.45	11.85	5510	1.186
MF22-129	1193532	11.85	12.55	1270	0.273
MF22-129	1193533	12.55	12.9	145	0.031
MF22-129	1193534	12.9	13.35	153	0.033
MF22-129	1193535	13.35	13.75	9410	2.026
MF22-129	1193536	13.75	14.65	2430	0.523
MF22-129	1193537	14.65	15	927	0.200
MF22-129	1193538	15	15.7	9630	2.073
MF22-129	1193539	15.7	16.2	17000	3.660
MF22-129	1193540	16.2	16.9	1420	0.306
MF22-129	1193542	16.9	17.4	7520	1.619
MF22-129	1193543	17.4	18.85	2970	0.639
MF22-129	1193544	18.85	19.15	19600	4.219
MF22-129	1193545	19.15	20.05	34	0.007
MF22-129	1193546	20.05	20.45	10400	2.239
MF22-129	1193547	20.45	21.9	355	0.076
MF22-129	1193548	21.9	23.4	575	0.124
MF22-129	1193549	23.4	23.8	1000	0.215
MF22-129	1193550	23.8	25.45	473	0.102
MF22-130	1193552	25.05	26.7	1070	0.230

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-130	1193553	26.7	27.1	1710	0.368
MF22-130	1193554	27.1	27.55	36	0.008
MF22-130	1193555	27.55	28.1	436	0.094
MF22-130	1193556	28.1	28.5	1050	0.226
MF22-130	1193557	28.5	29	5900	1.270
MF22-130	1193558	29	29.5	1920	0.413
MF22-130	1193559	29.5	29.95	3140	0.676
MF22-130	1193560	29.95	30.35	9270	1.996
MF22-130	1193562	30.35	31.2	7510	1.617
MF22-130	1193563	31.2	31.55	1370	0.295
MF22-130	1193564	31.55	32.95	5510	1.186
MF22-131	1193567	31.2	31.7	304	0.065
MF22-131	1193568	31.7	32.4	13200	2.842
MF22-131	1193569	32.4	33.8	9960	2.144
MF22-131	1193570	33.8	34.9	1350	0.291
MF22-131	1193572	34.9	35.16	439	0.095
MF22-131	1193573	35.16	36.6	1890	0.407
MF22-131	1193574	36.6	48.65	1430	0.308
MF22-131	1193575	48.65	49.1	2350	0.506
MF22-131	1193576	49.1	49.4	339	0.073
MF22-131	1193577	49.4	49.8	13700	2.949
MF22-131	1193578	49.8	50.2	348	0.075
MF22-131	1193579	50.2	51.2	3010	0.648
MF22-131	1193580	51.5	51.9	989	0.213
MF22-131	1193582	51.9	53.3	945	0.203
MF22-131	1193583	53.3	55	861	0.185
MF22-131	1193584	55	56.65	705	0.152
MF22-131	1193585	56.65	58.1	519	0.112
MF22-131	1193586	58.1	60.1	419	0.090
MF22-131	1193587	60.1	61.6	621	0.134
MF22-131	1193588	61.6	62	2630	0.566
MF22-131	1193589	62	62.5	519	0.112
MF22-131	1193590	62.5	62.9	2850	0.614
MF22-131	1193592	62.9	63.35	13700	2.949
MF22-131	1193593	63.35	63.65	6750	1.453
MF22-131	1193594	63.65	64	265	0.057
MF22-131	1193595	64	64.9	410	0.088
MF22-131	1193596	64.9	65.3	5200	1.119

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-131	1193597	65.3	66.9	2990	0.644
MF22-131	1193598	66.9	84.75	1260	0.271
MF22-131	1193599	84.75	85.15	1520	0.327
MF22-131	1193600	85.15	85.9	6330	1.363
MF22-131	1193602	85.9	87	554	0.119
MF22-131	1193603	87	87.4	1870	0.403
MF22-131	1193604	87.4	89	526	0.113
MF22-131	1193565	29.25	30.8	691	0.149
MF22-131	1193566	30.8	31.2	1220	0.263
MF22-132	1193605	18.25	19.2	835	0.180
MF22-132	1193606	19.2	20	43	0.009
MF22-132	1193615	57.95	58.95	170	0.037
MF22-132	1193607	153.95	155.45	771	0.166
MF22-132	1193608	155.45	156.65	1310	0.282
MF22-132	1193609	156.65	158.5	970	0.209
MF22-132	1193610	158.5	159	4300	0.926
MF22-132	1193612	159	160.6	1300	0.280
MF22-132	1193613	160.6	161	844	0.182
MF22-132	1193614	161	162.35	1620	0.349
MF22-132	1193616	165.6	166	311	0.067
MF22-132	1193617	210.45	210.9	187	0.040
MF22-132	1193618	214.3	214.75	186	0.040
MF22-132	1193619	225.45	226.2	23	0.005
MF22-132	1193620	227.6	228	141	0.030
MF22-132	1193622	232.6	233	225	0.048
MF22-133	1193682	9.9	11.25	326	0.070
MF22-133	1193683	11.25	11.65	1010	0.217
MF22-133	1193684	11.65	12.4	28	0.006
MF22-133	1193685	12.4	12.95	67	0.014
MF22-133	1193686	12.95	13.55	374	0.081
MF22-133	1193687	13.55	15.2	331	0.071
MF22-133	1193688	20.85	22.45	263	0.057
MF22-133	1193689	22.45	23	620	0.133
MF22-133	1193690	23	23.55	15	0.003
MF22-133	1193692	23.55	24.15	31	0.007
MF22-133	1193693	24.15	24.65	522	0.112
MF22-133	1193694	24.65	26	231	0.050
MF22-134	1193695	20.45	21.95	229	0.049

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-134	1193696	21.95	22.4	254	0.055
MF22-134	1193697	22.4	22.9	256	0.055
MF22-134	1193698	22.9	23.6	729	0.157
MF22-134	1193699	23.6	24.85	136	0.029
MF22-134	1193700	24.85	26.55	481	0.104
MF22-134	1193702	26.55	28.2	847	0.182
MF22-134	1193703	28.2	28.65	197	0.042
MF22-134	1193704	28.65	29.6	451	0.097
MF22-134	1193705	29.6	30.7	608	0.131
MF22-134	1193706	30.7	31.15	77	0.017
MF22-134	1193707	31.15	31.65	482	0.104
MF22-134	1193708	31.65	32.05	69	0.015
MF22-134	1193709	32.05	32.5	513	0.110
MF22-134	1193710	32.5	34	312	0.067
MF22-135	1193712	15.25	16.85	1550	0.334
MF22-135	1193713	16.85	17.3	704	0.152
MF22-135	1193714	17.3	17.85	82	0.018
MF22-135	1193715	17.85	18.65	43	0.009
MF22-135	1193716	18.65	19.05	7780	1.675
MF22-135	1192508	19.05	19.5	2710	0.583
MF22-135	1193717	19.5	20.3	330	0.071
MF22-135	1193718	20.3	20.9	1280	0.276
MF22-135	1193719	20.9	22.7	1040	0.224
MF22-135	1193720	56.45	56.9	148	0.032
MF22-136	1193722	1.5	2.05	6350	1.367
MF22-136	1193723	2.05	2.75	4400	0.947
MF22-136	1193724	2.75	3	58	0.012
MF22-136	1193725	3	3.5	21	0.005
MF22-136	1193726	3.5	3.85	710	0.153
MF22-136	1193727	3.85	5.45	305	0.066
MF22-136	1193728	80.9	82.45	341	0.073
MF22-136	1193729	82.45	82.95	1710	0.368
MF22-136	1193730	82.95	83.3	441	0.095
MF22-136	1193732	83.3	83.85	2610	0.562
MF22-136	1193733	83.85	84.25	1710	0.368
MF22-136	1193734	84.25	84.65	3140	0.676
MF22-136	1193735	84.65	85.35	3490	0.751
MF22-136	1193736	85.35	86	267	0.057

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-136	1193737	86	86.45	579	0.125
MF22-136	1193738	86.45	88.5	1030	0.222
MF22-136	1193739	111.95	112.45	284	0.061
MF22-136	1193740	129.25	129.9	185	0.040
MF22-136	1193742	165.85	166.4	79	0.017
MF22-137	1193743	2.23	2.85	181	0.039
MF22-137	1193744	2.85	3.35	413	0.089
MF22-137	1193745	3.35	5	551	0.119
MF22-137	1193746	27.9	28.25	623	0.134
MF22-137	1193747	28.25	29.4	1870	0.403
MF22-137	1193748	29.4	30.45	82	0.018
MF22-137	1193749	30.45	30.85	2220	0.478
MF22-137	1193750	30.85	31.75	2630	0.566
MF22-137	1193752	31.75	32.8	2430	0.523
MF22-137	1193753	32.8	33.25	2440	0.525
MF22-137	1193754	33.25	34.55	3070	0.661
MF22-137	1193755	34.55	35	1540	0.332
MF22-137	1193756	35	36.45	1830	0.394
MF22-137	1193757	36.45	36.9	1850	0.398
MF22-137	1193758	36.9	38.7	833	0.179
MF22-137	1193759	38.7	39.15	2260	0.487
MF22-137	1193760	39.15	40.75	1580	0.340
MF22-137	1193762	46.95	47.5	208	0.045
MF22-137	1193763	50.45	52	886	0.191
MF22-137	1193764	52	52.4	4970	1.070
MF22-137	1193765	52.4	52.9	1650	0.355
MF22-137	1193766	52.9	53.3	697	0.150
MF22-137	1193767	53.3	53.8	1990	0.428
MF22-137	1193768	53.8	55.4	431	0.093
MF22-137	1193769	55.4	56	363	0.078
MF22-137	1193770	56	56.4	517	0.111
MF22-137	1193772	56.4	58.4	561	0.121
MF22-137	1193773	58.4	59.4	1300	0.280
MF22-137	1193774	59.4	60.2	1070	0.230
MF22-137	1193775	60.2	61.15	476	0.102
MF22-137	1193776	69.85	70.35	435	0.094
MF22-137	1193777	70.35	70.85	380	0.082
MF22-137	1193778	70.85	71.9	55	0.012

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-137	1193779	71.9	72.3	414	0.089
MF22-137	1193780	72.3	73.8	297	0.064
MF22-138	1193782	68.55	70	611	0.132
MF22-138	1193783	70	70.41	1440	0.310
MF22-138	1193784	70.41	71.5	1030	0.222
MF22-138	1193785	71.5	72	2250	0.484
MF22-138	1193786	72	73.6	775	0.167
MF22-138	1193787	94.6	96.15	263	0.057
MF22-138	1193788	96.15	96.6	353	0.076
MF22-138	1193789	96.6	96.97	51	0.011
MF22-138	1193790	96.97	97.4	455	0.098
MF22-138	1193792	97.4	99.12	275	0.059
MF22-138	1193793	110.55	110.95	133	0.029
MF22-138	1193794	111.3	111.65	293	0.063
MF22-138	1193795	112.65	113.15	292	0.063
MF22-138	1193796	178	179.5	465	0.100
MF22-138	1193797	179.5	179.9	494	0.106
MF22-138	1193798	179.9	180.8	76	0.016
MF22-138	1193799	180.8	181.35	284	0.061
MF22-138	1193800	181.35	183	264	0.057
MF22-139	1193802	20	20.35	632	0.136
MF22-139	1193803	20.35	21.35	2400	0.517
MF22-139	1193804	21.35	22.9	1750	0.377
MF22-139	1193805	22.9	23.35	2330	0.502
MF22-139	1193806	23.35	23.9	3280	0.706
MF22-139	1193807	23.9	24.45	8630	1.858
MF22-139	1193808	24.45	25.05	8060	1.735
MF22-139	1193809	25.05	26.25	11200	2.411
MF22-139	1193810	26.25	27.25	219	0.047
MF22-139	1193812	27.25	27.85	636	0.137
MF22-139	1193813	27.85	29.5	375	0.081
MF22-139	1193814	89.9	90.35	319	0.069
MF22-140	1193815	50.6	52.6	505	0.109
MF22-140	1193816	52.6	52.9	1620	0.349
MF22-140	1193817	52.9	54	99	0.021
MF22-140	1193818	54	55.1	96	0.021
MF22-140	1193819	55.1	56	1920	0.413
MF22-140	1193820	56	57	1010	0.217

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-140	1193822	57	57.5	870	0.187
MF22-140	1193823	57.5	58.1	114	0.025
MF22-140	1193824	58.1	58.75	128	0.028
MF22-140	1193825	58.75	59.65	40	0.009
MF22-140	1193826	59.65	60.65	940	0.202
MF22-140	1193827	60.65	61.65	825	0.178
MF22-140	1193828	61.65	62.65	532	0.115
MF22-140	1193829	62.65	64.5	623	0.134
MF22-140	1193830	64.5	65	25	0.005
MF22-140	1193832	65	65.6	448	0.096
MF22-140	1193833	65.6	66.15	104	0.022
MF22-140	1193834	66.15	66.45	648	0.139
MF22-140	1193835	66.45	68.45	559	0.120
MF22-141	1193836	5.7	6	374	0.081
MF22-141	1193837	26	28	159	0.034
MF22-141	1193838	28	30	124	0.027
MF22-141	1193839	30	32	178	0.038
MF22-142	1193840	4.05	4.4	30	0.006
MF22-142	1193842	11.7	12	191	0.041
MF22-142	1193843	65	65.3	197	0.042
MF22-142	1193844	90	92	389	0.084
MF22-142	1193845	92	92.3	338	0.073
MF22-142	1193846	92.3	92.6	198	0.043
MF22-142	1193847	92.6	92.95	416	0.090
MF22-142	1193848	92.95	93.25	296	0.064
MF22-142	1193849	93.25	94.6	387	0.083
MF22-142	1193850	94.6	95	547	0.118
MF22-142	1193852	95	95.3	442	0.095
MF22-142	1193853	95.3	95.6	291	0.063
MF22-142	1193854	95.6	97.6	513	0.110
MF22-143	1193855	24.95	26.95	287	0.062
MF22-143	1193856	26.95	27.25	509	0.110
MF22-143	1193857	27.25	27.75	511	0.110
MF22-143	1193858	27.75	28.15	28	0.006
MF22-143	1193859	28.15	28.9	108	0.023
MF22-143	1193860	28.9	29.5	33	0.007
MF22-143	1193862	29.5	31.1	1420	0.306
MF22-143	1193863	31.1	31.4	18	0.004

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-143	1193864	31.4	32	1530	0.329
MF22-143	1193865	32	32.3	103	0.022
MF22-143	1193866	32.3	34.3	1340	0.288
MF22-143	1193867	34.3	36.3	2030	0.437
MF22-143	1193868	36.3	36.6	91	0.020
MF22-143	1193869	36.6	37.1	3610	0.777
MF22-143	1193870	37.1	37.8	5600	1.206
MF22-143	1193872	37.8	38.1	155	0.033
MF22-143	1193873	38.1	38.8	3500	0.753
MF22-143	1193874	38.8	39.2	113	0.024
MF22-143	1193875	39.2	41.2	1180	0.254
MF22-143	1193876	41.2	42.4	1120	0.241
MF22-143	1193877	42.4	43.1	177	0.038
MF22-143	1193878	43.1	43.4	483	0.104
MF22-143	1193879	43.4	44.15	179	0.039
MF22-143	1193880	44.15	44.35	366	0.079
MF22-143	1193882	44.35	46.35	303	0.065
MF22-143	1193883	53.95	54.3	77	0.017
MF22-144	1193884	14.6	15.6	375	0.081
MF22-144	1193885	15.6	15.9	429	0.092
MF22-144	1193886	15.9	16.3	59	0.013
MF22-144	1193887	16.3	16.9	45	0.010
MF22-144	1193888	16.9	17.2	1050	0.226
MF22-144	1193889	17.2	18.2	1210	0.260
MF22-144	1193890	33.05	35.05	327	0.070
MF22-144	1193892	35.05	35.35	580	0.125
MF22-144	1193893	35.35	35.9	15	0.003
MF22-144	1193894	35.9	36.5	2460	0.530
MF22-144	1193895	36.5	36.95	149	0.032
MF22-144	1193896	36.95	37.25	629	0.135
MF22-144	1193897	37.25	39.25	1140	0.245
MF22-145	1193898	13.6	15.3	1830	0.394
MF22-145	1193899	15.3	15.6	2170	0.467
MF22-145	1193900	15.6	15.9	79	0.017
MF22-145	1193902	15.9	16.2	1520	0.327
MF22-145	1193903	16.2	18.2	1520	0.327
MF22-145	1193904	31	31.8	563	0.121
MF22-145	1193905	37.55	39.55	514	0.111

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-145	1193906	39.55	39.85	4190	0.902
MF22-145	1193907	39.85	40.15	721	0.155
MF22-145	1193908	40.15	42.15	845	0.182
MF22-145	1193909	42.15	44.15	330	0.071
MF22-145	1193910	44.15	45.06	483	0.104
MF22-145	1193912	45.06	46.05	165	0.036
MF22-145	1193913	46.05	46.35	618	0.133
MF22-145	1193914	46.35	48.35	563	0.121
MF22-146	1193915	12.25	12.55	83	0.018
MF22-147	1193916	33.75	34.35	181	0.039
MF22-148	1193917	32.85	33.85	439	0.095
MF22-148	1193918	33.85	34.2	515	0.111
MF22-148	1193919	34.2	34.95	15	0.003
MF22-148	1193920	34.95	35.25	433	0.093
MF22-148	1193922	35.25	36.25	277	0.060
MF22-148	1193923	40.9	41.2	156	0.034
MF22-148	1193924	41.2	41.5	83	0.018
MF22-148	1193925	41.5	41.8	78	0.017
MF22-149	1193926	58.9	60.9	205	0.044
MF22-149	1193927	60.9	61.2	331	0.071
MF22-149	1193928	61.2	61.42	30	0.006
MF22-149	1193929	61.42	61.85	31	0.007
MF22-149	1193930	61.85	62.15	458	0.099
MF22-149	1193932	62.15	64.5	396	0.085
MF22-149	1193933	74.9	76.9	1010	0.217
MF22-149	1193934	76.9	77.2	2110	0.454
MF22-149	1193935	77.2	77.7	5930	1.277
MF22-149	1193936	77.7	78.65	4630	0.997
MF22-149	1193937	78.65	78.95	4680	1.007
MF22-149	1193938	78.95	80.95	1020	0.220
MF22-149	1193939	106.15	106.45	137	0.029
MF22-149	1193940	113.3	113.65	321	0.069
MF22-149	1193942	121.3	121.6	728	0.157
MF22-149	1193943	121.6	122.85	260	0.056
MF22-149	1193944	122.85	123.3	259	0.056
MF22-149	1193945	123.3	123.8	185	0.040
MF22-149	1193946	123.8	124.1	417	0.090
MF22-149	1193947	133.5	135.5	355	0.076

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-149	1193948	135.5	135.85	1630	0.351
MF22-149	1193949	135.85	136.3	3920	0.844
MF22-149	1193950	136.3	137.4	10900	2.346
MF22-149	1193952	137.4	138.05	7710	1.660
MF22-149	1193953	138.05	139.05	10600	2.282
MF22-149	1193954	139.05	139.5	299	0.064
MF22-149	1193955	139.5	140.15	8440	1.817
MF22-149	1193956	140.15	141.05	4320	0.930
MF22-149	1193957	141.05	141.6	2460	0.530
MF22-149	1193958	141.6	142.15	8960	1.929
MF22-149	1193959	142.15	142.9	120	0.026
MF22-149	1193960	142.9	143.45	885	0.191
MF22-149	1193962	143.45	143.75	963	0.207
MF22-149	1193963	143.75	145.75	817	0.176
MF22-149	1193964	160.6	162.6	518	0.112
MF22-149	1193965	162.6	163	1040	0.224
MF22-149	1193966	163	163.6	139	0.030
MF22-149	1193967	163.6	164.2	114	0.025
MF22-149	1193968	164.2	164.65	83	0.018
MF22-149	1193969	164.65	165.65	230	0.050
MF22-149	1193970	165.65	166.2	1370	0.295
MF22-149	1193972	166.2	166.75	99	0.021
MF22-149	1193973	166.75	167.05	987	0.212
MF22-149	1193974	167.05	169.05	767	0.165
MF22-149	1193975	179.8	181.8	1650	0.355
MF22-149	1193976	181.8	182.1	1890	0.407
MF22-149	1193977	182.1	182.35	97	0.021
MF22-149	1193978	182.35	183.15	1280	0.276
MF22-149	1193979	183.15	183.5	135	0.029
MF22-149	1193980	183.5	183.9	294	0.063
MF22-149	1193982	183.9	184.6	150	0.032
MF22-149	1193983	184.6	185.4	1830	0.394
MF22-149	1193984	185.4	185.7	2420	0.521
MF22-149	1193985	185.7	186.2	352	0.076
MF22-149	1193986	186.2	187.05	545	0.117
MF22-149	1193987	187.05	187.4	3990	0.859
MF22-149	1193988	187.4	188.45	8190	1.763
MF22-149	1193989	188.45	189.2	4070	0.876

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-149	1193990	189.2	189.45	942	0.203
MF22-149	1193992	189.45	191.45	1000	0.215
MF22-149	1193993	191.45	193.7	1010	0.217
MF22-149	1193994	193.7	194.55	442	0.095
MF22-149	1193995	194.55	195.1	325	0.070
MF22-149	1193996	195.1	195.45	401	0.086
MF22-149	1193997	195.45	197.45	414	0.089
MF22-149	1193998	234.45	236.25	1740	0.375
MF22-149	1193999	236.25	236.6	643	0.138
MF22-149	1194000	236.6	237.45	524	0.113
MF22-149	243002	237.45	237.8	6340	1.365
MF22-149	243003	237.8	238.5	400	0.086
MF22-149	243004	238.5	238.95	499	0.107
MF22-149	243005	238.95	240.5	1120	0.241
MF22-149	243006	245	246.8	636	0.137
MF22-149	243007	246.8	247.1	659	0.142
MF22-149	243008	247.1	247.5	171	0.037
MF22-149	243009	247.5	248	3040	0.654
MF22-149	243010	248	249.85	468	0.101
MF22-149	243012	249.85	251.85	613	0.132
MF22-149	243013	251.85	252.35	382	0.082
MF22-149	243014	252.35	253.3	56	0.012
MF22-149	243015	253.3	253.9	456	0.098
MF22-149	243016	253.9	255.5	80	0.017
MF22-149	243017	255.5	255.9	288	0.062
MF22-149	243018	255.9	257.55	553	0.119
MF22-149	243019	262.6	264.45	705	0.152
MF22-149	243020	264.45	264.85	328	0.071
MF22-149	243022	264.85	265.6	319	0.069
MF22-149	243023	265.6	266	501	0.108
MF22-149	243024	266	267.8	593	0.128
MF22-150	243025	48.7	49	146	0.031
MF22-150	243026	57	59	225	0.048
MF22-150	243028	59	59.3	268	0.058
MF22-150	243029	59.3	59.95	32	0.007
MF22-150	243030	59.95	60.3	328	0.071
MF22-150	243032	60.3	60.86	53	0.011
MF22-150	243033	60.86	61.19	305	0.066

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-150	243034	61.19	63.19	339	0.073
MF22-150	243035	73.85	75.85	624	0.134
MF22-150	243036	75.85	76.23	1170	0.252
MF22-150	243037	76.23	76.8	81	0.017
MF22-150	243038	76.8	77.55	69	0.015
MF22-150	243039	77.55	77.85	65	0.014
MF22-150	243040	77.85	78.2	1300	0.280
MF22-150	243027	78.2	80.2	679	0.146
MF22-150	243042	138	139.75	1050	0.226
MF22-150	243043	139.75	140.05	569	0.122
MF22-150	243044	140.05	140.65	41	0.009
MF22-150	243045	140.65	141.2	327	0.070
MF22-150	243046	141.2	141.77	5170	1.113
MF22-150	243047	141.77	142.42	9800	2.110
MF22-150	243048	142.42	143	481	0.104
MF22-150	243049	143	143.7	200	0.043
MF22-150	243050	143.7	144.45	578	0.124
MF22-150	243052	144.45	145.05	2130	0.459
MF22-150	243053	145.05	145.5	2240	0.482
MF22-150	243054	145.5	146.1	109	0.023
MF22-150	243055	146.1	146.5	1890	0.407
MF22-150	243056	146.5	148.3	1130	0.243
MF22-150	243057	151.3	153.3	363	0.078
MF22-150	243058	153.3	153.6	687	0.148
MF22-150	243059	153.6	154.35	231	0.050
MF22-150	243060	154.35	155.1	196	0.042
MF22-150	243062	155.1	156.05	112	0.024
MF22-150	243063	156.05	156.4	1240	0.267
MF22-150	243064	156.4	158.27	356	0.077
MF22-150	243065	158.27	158.6	833	0.179
MF22-150	243066	158.6	159.27	607	0.131
MF22-150	243067	159.27	160.05	175	0.038
MF22-150	243068	160.05	160.4	1350	0.291
MF22-150	243069	160.4	162.3	520	0.112
MF22-150	243070	181.5	183.47	3940	0.848
MF22-150	243072	183.47	183.82	2740	0.590
MF22-150	243073	183.82	184.47	122	0.026
MF22-150	243074	184.47	185.3	1590	0.342

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-150	243075	185.3	185.9	6680	1.438
MF22-150	243076	185.9	186.6	2250	0.484
MF22-150	243077	186.6	187.45	7160	1.541
MF22-150	243078	187.45	188.2	6000	1.292
MF22-150	243079	188.2	189.08	8620	1.856
MF22-150	243080	189.08	189.62	12500	2.691
MF22-150	243082	189.62	189.95	4380	0.943
MF22-150	243083	189.95	190.55	6070	1.307
MF22-150	243084	190.55	191	8110	1.746
MF22-150	243085	191	191.55	6530	1.406
MF22-150	243086	191.55	192	2420	0.521
MF22-150	243087	192	194	1580	0.340
MF22-150	243088	194	195	1750	0.377
MF22-150	243089	195	195.35	488	0.105
MF22-150	243090	195.35	195.65	177	0.038
MF22-150	243092	195.65	196	2480	0.534
MF22-150	243093	196	198	990	0.213
MF22-150	243094	246	246.85	672	0.145
MF22-150	243095	246.85	248.15	4270	0.919
MF22-150	243096	248.15	248.78	1390	0.299
MF22-150	243097	248.78	249.42	9300	2.002
MF22-150	243098	249.42	250	2320	0.499
MF22-150	243099	250	250.35	279	0.060
MF22-150	243100	250.35	251.05	2400	0.517
MF22-150	243102	251.05	251.45	620	0.133
MF22-150	243103	251.45	251.8	1380	0.297
MF22-150	243104	251.8	253.8	988	0.213
MF22-151	243105	52.65	53.08	124	0.027
MF22-151	243106	63.85	64.32	90	0.019
MF22-151	243107	78.5	81	433	0.093
MF22-151	243108	81	81.5	1100	0.237
MF22-151	243109	81.5	82.1	682	0.147
MF22-151	243110	82.1	82.45	2700	0.581
MF22-151	243112	82.45	82.95	298	0.064
MF22-151	243113	82.95	83.3	4370	0.941
MF22-151	243114	83.3	84.27	86	0.019
MF22-151	243115	84.27	85.2	112	0.024
MF22-151	243116	85.2	86.15	86	0.019

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-151	243117	86.15	86.45	1550	0.334
MF22-151	243118	86.45	88.2	358	0.077
MF22-151	243119	149.5	150.15	156	0.034
MF22-151	243120	154.65	156.4	1170	0.252
MF22-151	243122	156.4	156.88	774	0.167
MF22-151	243123	156.88	157.4	395	0.085
MF22-151	243124	157.4	158.4	126	0.027
MF22-151	243125	158.4	159.43	102	0.022
MF22-151	243126	159.43	160	144	0.031
MF22-151	243127	160	161	128	0.028
MF22-151	243128	161	161.63	66	0.014
MF22-151	243129	161.63	162.57	290	0.062
MF22-151	243130	162.57	163.2	796	0.171
MF22-151	243132	163.2	164.15	128	0.028
MF22-151	243133	164.15	165.05	168	0.036
MF22-151	243134	165.05	165.9	164	0.035
MF22-151	243135	165.9	166.28	115	0.025
MF22-151	243136	166.28	166.67	879	0.189
MF22-151	243137	166.67	168.37	524	0.113
MF22-151	243138	203.5	205	814	0.175

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-151	243139	205	205.45	1260	0.271
MF22-151	243140	205.45	206.15	125	0.027
MF22-151	243142	206.15	206.61	1100	0.237
MF22-151	243143	206.61	208.5	896	0.193
MF22-151	243144	231.8	232.37	127	0.027
MF22-151	243145	237.1	238.9	909	0.196
MF22-151	243146	238.9	239.2	3320	0.715
MF22-151	243147	239.2	239.65	4940	1.063
MF22-151	243148	239.65	240.15	18200	3.918
MF22-151	243149	240.15	240.68	2370	0.510
MF22-151	243150	240.68	241.65	1550	0.334
MF22-151	243152	241.65	242	447	0.096
MF22-151	243153	242	242.3	502	0.108
MF22-151	243154	242.3	244.15	341	0.073
MF22-151	243155	254	255.9	1080	0.232
MF22-151	243156	255.9	256.2	1500	0.323
MF22-151	243157	256.2	257	154	0.033
MF22-151	243158	257	257.78	776	0.167
MF22-151	243159	257.78	258.15	1270	0.273
MF22-151	243160	258.15	260	528	0.114

JORC Table 1 – MF22-113 to MF22-115 and MF22-125 to MF22-151 Exploration Results

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 (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.*	• Oriented NQ core was cut in half using a diamond saw, with a half core sent for assay and half core retained. • No other measurement tools other than directional survey tools have been used in the holes at this stage.
	Include reference to measures taken to ensure sample representivity and the appropriate	• Oriented core was placed V-rail and a consistent cut-line drawn along core to ensure cutting (halving) of representative samples.

Criteria	JORC-Code Explanation	Commentary
	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 (e.g., '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.*	• Sampling is conducted based on core logging, 100% of drill hole core is logged. The core logger is a geologist, has experience in lithium mineralisation, and determines the intervals of samples. All pegmatite intersections are sampled regardless of the visual presence of lithium minerals/spodumene. Host rock is typically not sampled as lithium mineralisation is localized to pegmatites (spodumene mineral) or their alteration halos (holmquistite mineral) within mafic volcanic host rock. • Determination of mineralisation has been based on geological logging and photo analysis. • Diamond Core drilling was used to obtain 3m length samples from the barrel which are then marked in one metre intervals based on the drillers core block measurement. • Assay samples are selected based on geological logging boundaries or on the nominal metre marks. • Samples will be dispatched to an accredited laboratory (ActLabs) in Dryden, Ontario, Canada for sample preparation and shipment to analysis.
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*	• NQ2 diamond double tube coring by Cyr EF-50 rig was used throughout the hole. • Core orientation was carried out by the drilling contractor.
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*	• Lithological logging, photography • Core samples were measured with a standard tape within the core trays. Length of core was then compared to the interval drilled, and any core loss was attributed to individual rock units based on the amount of fracturing, abrasion of core contacts,

Criteria	JORC-Code Explanation	Commentary
	preferential loss/gain of fine/coarse material.	and the conservative judgment of the core logger. Results of core loss are discussed below. • Experienced driller contracted to carry out drilling. •In broken ground the driller produced NQ core from short runs to maximise core recovery. • Core was washed before placing in the core trays. • Core was visually assessed by professional geologists before cutting to ensure representative sampling. • See "Aspects of the determination of mineralisation that are Material to the Public Report" above.
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.	• Core samples were not geotechnically logged. • Core samples have been geologically logged to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. • The core logging was qualitative in nature. • All core was photographed •Total length of the MF22-113was 80m • 100% of the relevant intersections were logged. Total length of the MF22-114 was 89m • 100% of the relevant intersections were logged. Total length of the MF22-115 was 68m • 100% of the relevant intersections were logged. Total length of the MF22-125 was 176m • 100% of the relevant intersections were logged. Total length of the MF22-126 was 161m • 100% of the relevant intersections were logged. Total length of the MF22-127 was 119m • 100% of the relevant intersections were logged. Total length of the MF22-128 was 56m • 100% of the relevant intersections were logged. Total length of the MF22-129 was 78m • 100% of the relevant intersections were logged. Total length of the MF22-130 was 152m • 100% of the relevant intersections were logged. Total length of the MF22-131 was 149m • 100% of the relevant intersections were logged. Total length of the MF22-132 was 251m • 100% of the relevant intersections were logged. Total length of the MF22-133 was 152m • 100% of the relevant intersections were logged. Total length of the MF22-134 was 56m • 100% of the relevant intersections were logged. Total length of the MF22-135 was 136m • 100% of the relevant intersections were logged. Total length of the MF22-136 was 194m • 100% of the relevant intersections were logged. Total length of the MF22-137 was 200m • 100% of the relevant intersections were logged. Total length of the MF22-138 was 200m • 100% of the relevant intersections were logged. Total length of the MF22-139 was 110m

Criteria	JORC-Code Explanation	Commentary
		• 100% of the relevant intersections were logged. Total length of the MF22-140 was 110m • 100% of the relevant intersections were logged. Total length of the MF22-141 was 68m • 100% of the relevant intersections were logged. Total length of the MF22-142 was 104m • 100% of the relevant intersections were logged. Total length of the MF22-143 was 98m • 100% of the relevant intersections were logged. Total length of the MF22-144 was 86m • 100% of the relevant intersections were logged. Total length of the MF22-145 was 136m • 100% of the relevant intersections were logged. Total length of the MF22-146 was 185m • 100% of the relevant intersections were logged. Total length of the MF22-147 was 185m • 100% of the relevant intersections were logged. Total length of the MF22-148 was 76m • 100% of the relevant intersections were logged. Total length of the MF22-149 was 281m • 100% of the relevant intersections were logged. Total length of the MF22-150 was 272m • 100% of the relevant intersections were logged. Total length of the MF22-151 was 296m • 100% of the relevant intersections were 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.*	•Oriented core was placed V-rail and a consistent cut-line drawn along core to ensure cutting (halving) of representative samples •Oriented NQ core was cut in half using a diamond saw, with half core sent for assay and half core retained. •Core sample intervals were based in logged mineralisation •No duplicates or second half-sampling • Appropriate method: oriented NQ core cut in half using a diamond saw, with a half core sent for assay and half core retained

Criteria	JORC-Code Explanation	Commentary
	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.	
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.*	• Assays methods appropriate for style of mineralisation: UT-7 (Li up to 5%) QOP Sodium Peroxide (Sodium Peroxide Fusion ICPOES + ICPMS. •Samples have been sent to an accredited laboratory - Activation Laboratories Ltd. (ActLabs).
	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.	• Either standards or blanks are inserted every 10th sample interval as a part of a QAQC process. Standard and blank results from recent drilling are within acceptable margins of error. • Activation Laboratory performs internal QA/QC measures. Results are released once all internal QA/QC is verified and confirmed to be acceptable.
	Nature of quality control procedures adopted (e.g., standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e., lack of bias) and precision have been established.	
Verification of sampling and assaying	*The verification of significant intersections by either independent or alternative company personnel.*	• No independent verification completed at this stage.
	The use of twinned holes.	• No holes are twins of previous holes.
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	• Core measured, photographed and logged by geologists. Digitally recorded plus back-up records.
	Discuss any adjustment to assay data.	• All assay results are provided. • No adjustments to the assay data. • No assay cut off grades are applied.

Criteria	JORC-Code Explanation	Commentary
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.*	• Drill collars recorded with Garmin GPS that has an accuracy in the order of ±3 metres for location. A registered surveyor will be contracted to accurately survey all drill collars at completed of drill program.
	Specification of the grid system used.	• WGS 1984 UTM Zone 15N.
	Quality and adequacy of topographic control.	• No specific topography survey has been completed over the project area.
Data spacing and distribution	*Data spacing for reporting of Exploration Results.*	• Not relevant to current drilling.
	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.	• Not relevant to current drilling.
	Whether sample compositing has been applied.	•Core sample intervals were based in logged mineralisation and no sample composting applied. Reporting of final results includes many weighted average- composting of assay data.
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.*	• The orientation of the mineralisation is unknown. The drilling program is aimed at determining orientation of the mineralisation. • If orientation of mineralisation is known or thought to be known, drill holes are planned to intersect at an appropriate angle relative to true width of the mineralisation. Intercepts with mineralisation released are given as downhole widths, not true widths unless true widths are stated
	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.	• It is uncertain whether sampling bias has been introduced, or whether the thickness drilled is a true thickness.
Sample security	*The measures taken to ensure sample security.*	• Core samples were stored at the Dryden core yard and core shack under lock and key before delivery to ActLabsGroups in Dryden, Ontario for analysis.
Audits or reviews	*The results of any audits or reviews of sampling techniques and data.*	• Not undertaken at this stage.

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 Mavis Lake Lithium Project consists of 189 unpatented Single Cell Mining Claims and six separate surface leases which secure the surface rights of the land required for the Project footprint. • All claims and leases are active and in good standing. The leases have a term of 21 years and are not set to expire until 2032, at which time they can be renewed for an additional 21 years if required.
Exploration done by other parties	*Acknowledgment and appraisal of exploration by other parties.*	• Previous exploration has been conducted by a number of parties including Lun-Echo Gold Mines Limited (1956), Selco Mining Corporation (1979-1980), Tantalum Mining Corporation of Canada Limited (1981-1982), Emerald Field Resources (2002), International Lithium Corp (2006-2021) and Pioneer Resources Limited/Essential Metals Limited (2018-2021).
Geology	*Deposit type, geological setting and style of mineralisation.*	• The Fairservice and Mavis Lake Prospects host zoned pegmatites that are prospective for lithium and tantalum
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,*	See drill hole table below

Hole ID	Easting	Northing	RL	Azimuth	Dip	To Depth
MF22-113	524504	5517956	425	190	-70	80
MF22-114	524500	5517959	425	274	-49.8	89
MF22-115	524549	5517944	431	190	70	68
MF22-125	524652	5518048	435	315.1	-85	176
MF22-126	524721	5518014	421	290.1	-85	161
MF22-127	524701	5517948	421	189.6	-70.4	119
MF22-128	524652	5517908	422	190.4	-70	56
MF22-129	524742	5517918	426	189.7	-69.9	78
MF22-130	524752	5518000	419	189.9	-70	152
MF22-131	524797	5518051	419	180.4	-70.3	149
MF22-132	524749	5518098	419	190	-70	251
MF22-133	524802	5517960	420	180	-60	152
MF22-134	524849	5517919	425	170	-69.9	56
MF22-135	524850	5518003	424	170	-70	134
MF22-136	524849	5518107	421	170	-67	194
MF22-137	524946	5518097	429	160	-50	200

<table>
<tr><th>Criteria</th><th>JORC-Code Explanation</th><th>Commentary</th></tr>
<tr><td></td><td>the Competent Person should clearly explain why this is the case.</td><td>
<table>
<tr><td>MF22-138</td><td>525005</td><td>5518144</td><td>433</td><td>160</td><td>-50</td><td>200</td></tr>
<tr><td>MF22-139</td><td>525048</td><td>5518099</td><td>419</td><td>170</td><td>-70</td><td>110</td></tr>
<tr><td>MF22-140</td><td>525039</td><td>5518147</td><td>416</td><td>169.6</td><td>-70</td><td>110</td></tr>
<tr><td>MF22-141</td><td>524857</td><td>5518106</td><td>415</td><td>315.1</td><td>-45</td><td>68</td></tr>
<tr><td>MF22-142</td><td>524837</td><td>5518106</td><td>415</td><td>120.1</td><td>-50</td><td>104</td></tr>
<tr><td>MF22-143</td><td>524897</td><td>5518046</td><td>428</td><td>170.2</td><td>-69.91</td><td>98</td></tr>
<tr><td>MF22-144</td><td>525101</td><td>5518146</td><td>421</td><td>170.5</td><td>-69.9</td><td>86</td></tr>
<tr><td>MF22-145</td><td>525172</td><td>5518197</td><td>400</td><td>160.5</td><td>-50.3</td><td>136</td></tr>
<tr><td>MF22-146</td><td>525200</td><td>5518148</td><td>400</td><td>160</td><td>-50.3</td><td>185</td></tr>
<tr><td>MF22-147</td><td>525152</td><td>5518105</td><td>421</td><td>159.8</td><td>-50.5</td><td>185</td></tr>
<tr><td>MF22-148</td><td>525247</td><td>5518100</td><td>381</td><td>160.4</td><td>-50.3</td><td>76</td></tr>
<tr><td>MF22-149</td><td>524491</td><td>5518089</td><td>437</td><td>135</td><td>-75.1</td><td>281</td></tr>
<tr><td>MF22-150</td><td>524492</td><td>5518089</td><td>435</td><td>175.1</td><td>-83.1</td><td>272</td></tr>
<tr><td>MF22-151</td><td>524492</td><td>5518092</td><td>438</td><td>220.3</td><td>-75.1</td><td>296</td></tr>
</table>
• All drill collars are re-surveyed at a later date upon completion of drill hole for accurate collar coordinates.</td></tr>
<tr><td rowspan="3">Data aggregation methods</td><td>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g., cutting of high grades) and cut-off grades are usually Material and should be stated.</td><td>• Uncut.</td></tr>
<tr><td>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.</td><td>• All aggregate intercepts detailed on tables are weighted averages.</td></tr>
<tr><td>The assumptions used for any reporting of metal equivalent values should be clearly stated.</td><td>• None used</td></tr>
<tr><td rowspan="2">Relationship between mineralisation widths and intercept lengths</td><td>These relationships are particularly important in the reporting of Exploration Results.</td><td rowspan="2">• True width is calculated from logging geologists structural measurements from upper and lower contacts of pegmatite</td></tr>
<tr><td>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</td></tr>
</table>

Criteria	JORC-Code Explanation	Commentary
	If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g., 'down hole length, true width not known').	dyke and the host rock. Both apparent downhole lengths and true widths are provided. • The precise geometry is not currently known but is being tested by the planned drilling, with diamond drill hole azimuths designed to drill normal to the interpreted mineralised structure. • Down-hole length reported, true width not known.
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*	• The drilling is aimed at clarifying the structure of the mineralisation.
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.*	• Representative reporting of all relevant grades is provided in tables to avoid misleading reporting of Exploration Results.
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.*	• Overview of exploration data leading to selection of drill targets provided.
Further work	*The nature and scale of planned further work (e.g., tests for lateral extensions or depth extensions or large-scale step-out drilling).*	• Further drilling underway to confirm, infill and extend known mineralisation.