ASX Announcement

Critical Resources Limited

27 February 2023

Further High-Grade Lithium Intercepts at Mavis Lake

Highlights

- Latest assays confirm regular intercepts grading over 1.2% Li_2O, with multiple intercepts delivering very high-grade results ranging from 3.2% Li_2O to 4.3% Li_2O
- Standout results include:
  - Drill hole MF22-163 with:
    - 7.3m@1.59% Li_2O from 114.2m downhole;
    - 10.45m@1.22% Li_2O from 95.35m downhole; and
    - 9.2m@1.07% Li_2O from 83.7m downhole.
  - Drill hole MF22-156 with 8.06m @1.2% Li_2O with sections grading up to 3.28% Li_2O from 94.36m downhole
- All results to be incorporated into Mavis Lake's JORC 2012 compliant Maiden Mineral Resource Estimate
- Drilling continues at Mavis Lake, extending the known mineralisation area of the Main Zone and testing additional spodumene-bearing outcrops located adjacent to the Main Zone

Overview

Lithium development company Critical Resources Limited **ASX:CRR** ("Critical Resources" or "the Company") is pleased to announce assay results confirming high-grade lithium mineralisation along a significant strike length at the Company's 100%-owned Mavis Lake Lithium Project in Ontario, Canada.

Critical Resources Managing Director Alex Cheeseman said:

"These consistent assay results build upon the emerging picture of mineralization at Mavis Lake. They reinforce our confidence and commitment to the project.

These latest results follow recent metallurgical test work, where raw material from Mavis Lake was converted to a high-grade, low impurity concentrate.

Our coordinated program of activities at Mavis Lake continues to gather pace. We remain squarely focused on unlocking the development potential of Mavis Lake."

Critical Resources Limited

Drilling extends mineralisation along strike and at depth

The latest assay results have been delivered from drilling completed over the period October to November 2022. At the time the Company was focused on extending the known mineralisation area of the Main Zone, the results reinforce earlier announcements of high-grade mineralisation throughout the Main Zone. Significant assay results can be seen in Table 1, full exploration results can be seen in Appendix 1.

Table 1 – Significant Assay Results from MF22-152 to MF22-167

Hole ID	From (m)	To (m)	Down Hole Interval (m)	Li2O (%)	True Width (m)
MF22-152	85.4	88.92	3.52	1.68	2.8
including	86.78	87.85	1.07	3.1	0.9
and	143.9	149.76	5.86	1.24	4.7
MF22-153	258	262.42	4.42	1.1	3.5
MF22-154	152.8	155.8	3	0.68	2.4
and	159.13	161	1.87	1.5	1.5
and	259.17	262.9	3.73	0.83	3.0
and	88.23	90.26	2.03	1.16	1.6
MF22-156	94.36	102.42	8.06	1.2	7.1
including	97.45	101.15	3.7	2.52	3.3
including	97.45	100.1	2.65	3.28	2.3
MF22-158	125	126.2	1.2	1.46	0.9
and	208.65	212.1	3.45	1.38	2.6
MF22-161	59.75	65.55	5.8	0.84	5.2
and	97.9	101.8	3.9	1.47	3.5
including	99.3	100.75	1.45	3.32	1.3
and	114.7	117.35	2.65	0.8	2.4
MF22-163	83.7	92.9	9.2	1.07	8.7
and	95.35	105.8	10.45	1.22	9.9
including	96	103.4	7.4	1.69	7.0
including	102.55	103.4	0.85	4.30	0.8
and	114.2	121.5	7.3	1.59	6.9
including	114.2	117.2	3	2.5	2.9
including	116.4	117.2	0.8	3.2	0.8
and	135.5	136.3	0.8	1.66	0.8
and	138	140.7	2.7	1.99	2.6

Comprehensive drilling program to underpin the Mineral Resource Estimate

Throughout 2022, the Company implemented a systematic and robust approach to drilling the Mavis Lake project. Over 19,500m of core drilling was completed during the course of the year. Assay results are pending from the December drilling program (as well as drilling completed so far in 2023). Figure 1 in Appendix 1 presents a long-section view of the Mavis Lake Main Zone and provides a visual representation of projected mineralised pegmatite.

Future Work

The Company continues drilling at Mavis Lake, metallurgical test work is ongoing and the Company has also commenced baseline technical and environmental studies and assessments to support the preparation of a Scoping Study for the Mavis Lake Project.

The Company is awaiting assays from samples collected from over 39 individual drill holes and will update the market as details are made available.

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

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ABOUT CRITICAL RESOURCES LIMITED

Critical Resources is advancing and developing critical metals projects for a decarbonised future. The Company holds a suite of lithium prospects across Ontario, Canada, including Mavis Lake, Graphic Lake, Plaid and Whiteloon Lake. The Company's other projects include the Block 4 and Block 5 copper project, located in Oman, and the Halls Peak Project in NSW, Australia, a high-quality base metals project with significant scale potential.

The Company's primary objective is the rapid development of its flagship Mavis Lake Lithium Project. Mavis Lake is an advanced exploration project with near-term development potential. The Company completed over 19,500m of drilling in 2022 and has commenced another significant drilling program in 2023. The Company has also commenced initial studies that will underpin the transition from explorer to developer.

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.

Appendix 1 – Exploration Results

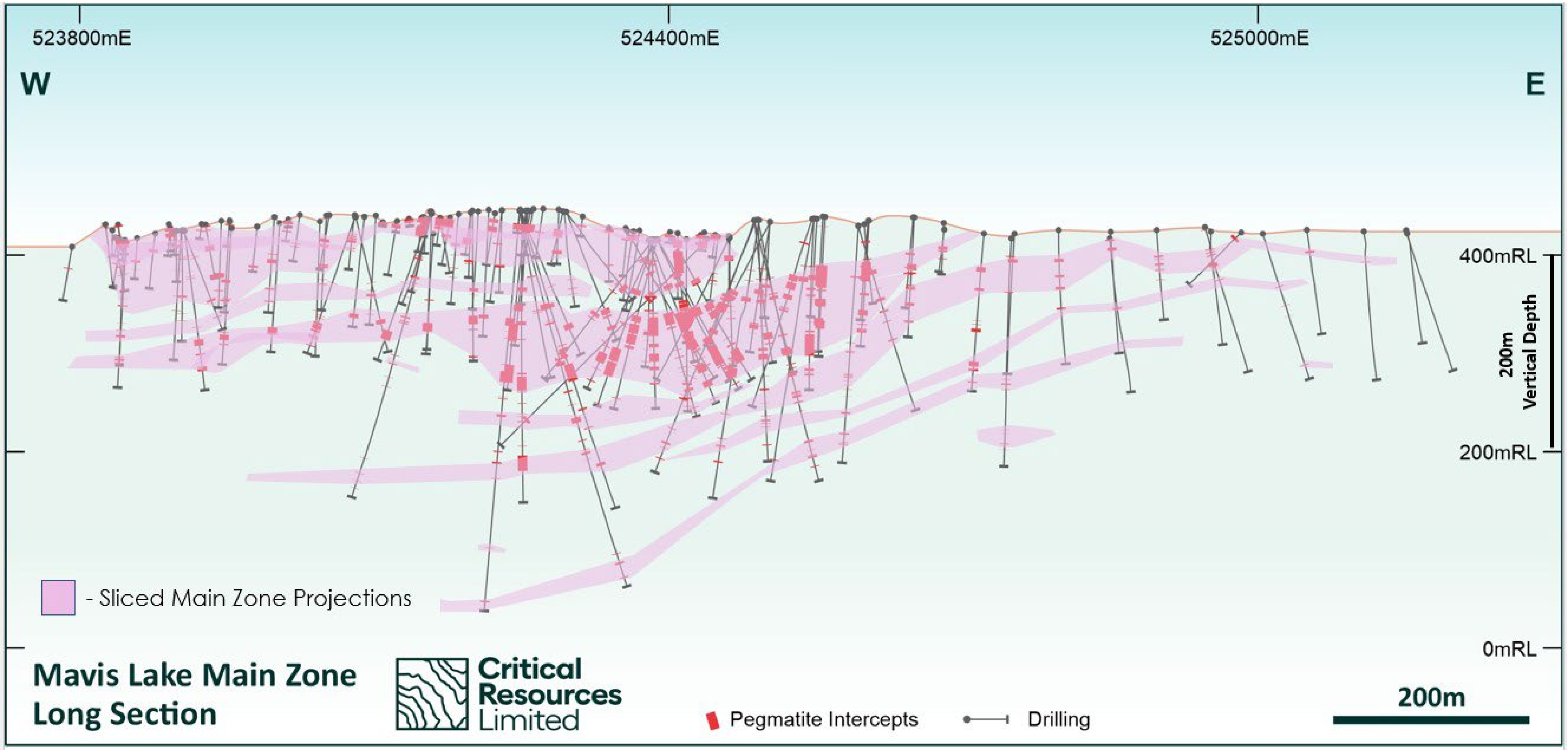

Figure 1 – Mavis Lake Main Zone Long Section highlighting drill holes completed, mineralised pegmatite intercepts and mineralised zone projections.

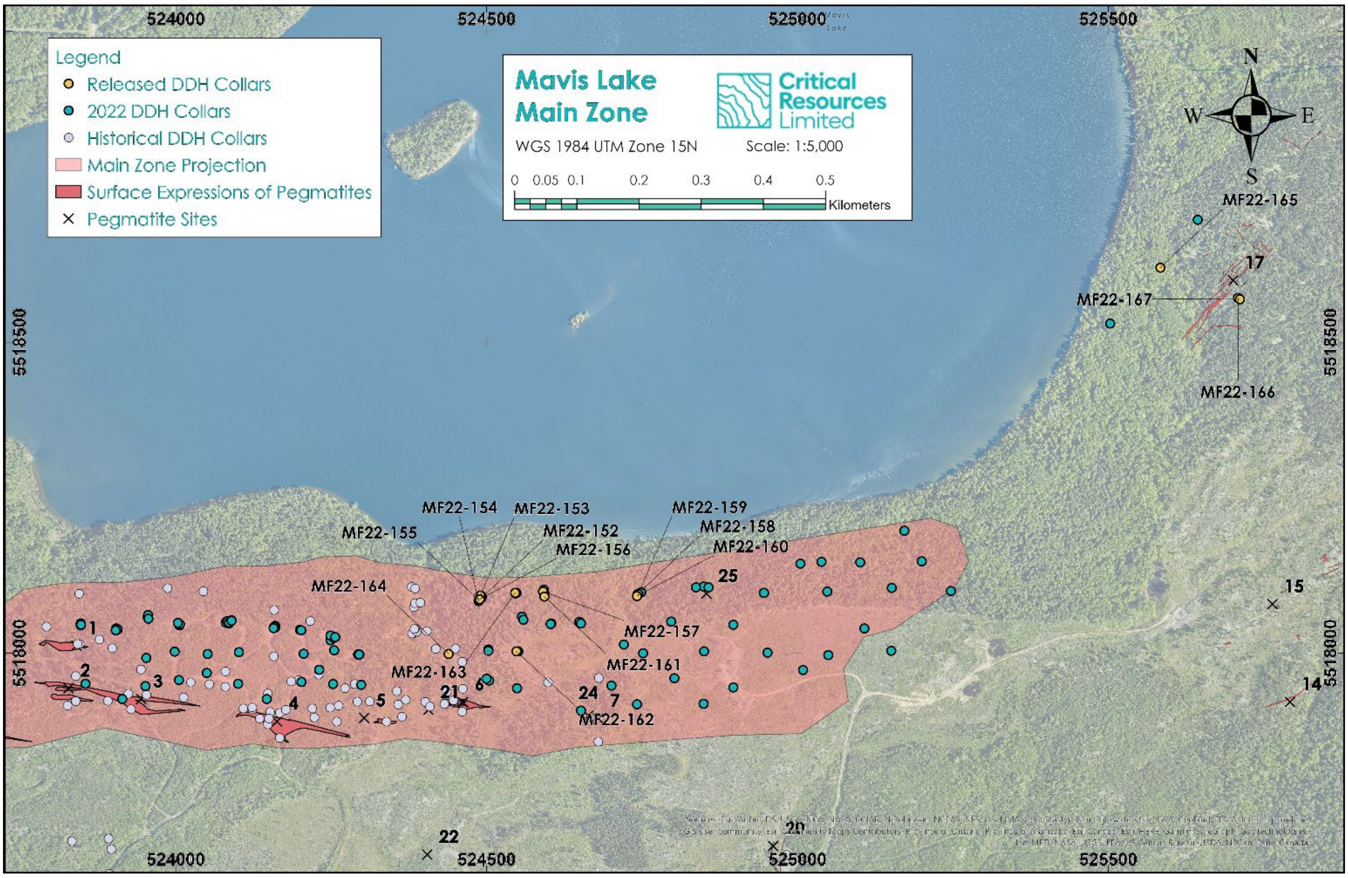

Figure 2 - Plan Map of the Main Zone. Yellow collars indicate current release assay results (MF22-152-MF22-167)

Table 2 – Drill Hole Summary MF22-152 to MF22-167

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
MF22-152	08-Oct-22	09-Oct-22	524491	5518088	434	174.7	-73	3	260
MF22-153	10-Oct-22	12-Oct-22	524490	5518093	436	110.3	-85	3	317
MF22-154	13-Oct-22	15-Oct-22	524487	5518084	438	245.2	-83	3	283
MF22-155	16-Oct-22	17-Oct-22	524488	5518085	439	249.6	-73	3	281
MF22-156	18-Oct-22	20-Oct-22	524489	5518087	439	243	-65	3	284
MF22-157	20-Oct-22	23-Oct-22	524591	5518099	439	180.2	-85	3	296
MF22-158	23-Oct-22	25-Oct-22	524743	5518095	418	250.1	-70	3	302
MF22-159	26-Oct-22	28-Oct-22	524744	5518095	418	180.3	-85	3	278
MF22-160	28-Oct-22	30-Oct-22	524742	5518092	417	110.1	-70	3	251
MF22-161	30-Oct-22	01-Nov-22	524593	5518091	447	160.3	-50	3	260
MF22-162	02-Nov-22	04-Nov-22	524548	5518003	437	210.1	-70	3	290
MF22-163	04-Nov-22	07-Nov-22	524546	5518097	436	200.2	-45	3	296
MF22-164	07-Nov-22	10-Nov-22	524439	5517999	411	254.8	-45	3	302
MF22-165	15-Nov-22	16-Nov-22	525584	5518620	422	110.1	-45	9	230
MF22-166	17-Nov-22	18-Nov-22	525709	5518571	429	340.4	-45	3	113
MF22-167	19-Nov-22	20-Nov-22	525712	5518569	429	250.1	-45	3	161

Table 3 – MF22-152 to MF22-167 Assay Results

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-152	243162	83.13	85.1	952	0.205
MF22-152	243163	85.1	85.4	2430	0.523
MF22-152	243164	85.4	85.7	839	0.181
MF22-152	243165	85.7	86.78	8160	1.757
MF22-152	243166	86.78	87.85	14400	3.100
MF22-152	243167	87.85	88.4	5340	1.150
MF22-152	243168	88.4	88.92	162	0.035
MF22-152	243169	88.92	89.32	1930	0.415
MF22-152	243170	89.32	91	1140	0.245
MF22-152	243172	113.22	114.07	81	0.017
MF22-152	243173	135.15	137	1590	0.342
MF22-152	243174	137	137.4	3290	0.708
MF22-152	243175	137.4	138.6	381	0.082
MF22-152	243176	138.6	139.15	238	0.051
MF22-152	243177	139.15	139.95	161	0.035
MF22-152	243178	139.95	140.28	282	0.061
MF22-152	243179	140.28	140.87	3100	0.667
MF22-152	243180	140.87	142.6	4410	0.949
MF22-152	243182	142.6	143.6	2450	0.527
MF22-152	243183	143.6	143.9	3370	0.725
MF22-152	243184	143.9	144.2	1740	0.375
MF22-152	243185	144.2	144.82	9030	1.944
MF22-152	243186	144.82	145.65	640	0.138
MF22-152	243187	145.65	146.02	3100	0.667
MF22-152	243188	146.02	146.65	10800	2.325
MF22-152	243189	146.65	147.3	10000	2.153
MF22-152	243190	147.3	148.1	2610	0.562
MF22-152	243192	148.1	148.86	11200	2.411
MF22-152	243193	148.86	149.76	2330	0.502
MF22-152	243194	149.76	150.1	812	0.175
MF22-152	243195	150.1	151.9	646	0.139
MF22-152	243196	168.05	168.45	1070	0.230
MF22-152	243197	179	180.78	773	0.166
MF22-152	243198	180.78	181.2	331	0.071
MF22-152	243199	181.2	182.05	69	0.015
MF22-152	243200	182.05	183.03	169	0.036
MF22-152	243202	183.03	183.35	586	0.126
MF22-152	243203	183.35	185	730	0.157
MF22-152	243204	196.45	196.95	324	0.070
MF22-152	243205	210.3	210.75	61	0.013
MF22-152	243206	212.58	214.41	1400	0.301
MF22-152	243208	214.41	214.75	2350	0.506
MF22-152	243209	214.75	215.2	439	0.095
MF22-152	243210	215.2	215.9	3340	0.719
MF22-152	243212	215.9	216.42	1560	0.336
MF22-152	243213	216.42	216.9	6470	1.393
MF22-152	243214	216.9	218.2	4180	0.900
MF22-152	243215	218.2	218.57	3050	0.657
MF22-152	243216	218.57	219.26	157	0.034
MF22-152	243217	219.26	219.66	516	0.111
MF22-152	243218	219.66	221.5	615	0.132
MF22-152	243219	221.5	222.34	293	0.063
MF22-152	243220	222.34	222.94	372	0.080
MF22-152	243222	222.94	223.32	1270	0.273
MF22-152	243223	223.32	224.77	764	0.164
MF22-152	243224	239.5	241.37	299	0.064
MF22-152	243225	241.37	241.69	260	0.056
MF22-152	243226	241.69	242.26	71	0.015
MF22-152	243227	242.26	242.72	67	0.014
MF22-152	243228	242.72	243.02	396	0.085
MF22-152	243207	243.02	244.93	414	0.089
MF22-153	243229	43.7	44	77	0.017
MF22-153	243230	58.5	58.81	52	0.011
MF22-153	243232	58.81	59.25	54	0.012
MF22-153	243233	65.9	66.36	89	0.019
MF22-153	243234	116	116.85	217	0.047
MF22-153	243235	140.2	141.8	485	0.104
MF22-153	243236	141.8	142.25	2320	0.499
MF22-153	243237	142.25	142.7	335	0.072
MF22-153	243238	142.7	143	1690	0.364
MF22-153	243239	143	143.44	2700	0.581
MF22-153	243240	143.44	143.9	193	0.042
MF22-153	243242	143.9	144.3	895	0.193
MF22-153	243243	144.3	146	261	0.056
MF22-153	243244	152.5	152.9	529	0.114
MF22-153	243245	152.9	154.3	425	0.091
MF22-153	243246	154.3	155	223	0.048
MF22-153	243247	155	155.65	187	0.040
MF22-153	243248	255.9	257.6	799	0.172
MF22-153	243249	257.6	258	1240	0.267

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-153	243250	258	258.3	286	0.062
MF22-153	243252	258.3	259.05	6240	1.343
MF22-153	243253	259.05	259.6	7350	1.582
MF22-153	243254	259.6	261.4	4830	1.040
MF22-153	243255	261.4	262.42	5110	1.100
MF22-153	243256	262.42	263	843	0.181
MF22-153	243257	263	264.9	2400	0.517
MF22-154	243259	50.85	51.15	-15	-0.003
MF22-154	243260	60.28	61.1	28	0.006
MF22-154	243262	81.4	82.2	110	0.024
MF22-154	243263	148.35	149.35	140	0.030
MF22-154	243264	149.35	150.3	125	0.027
MF22-154	243265	150.3	152.3	1710	0.368
MF22-154	243266	152.3	152.8	4240	0.913
MF22-154	243267	152.8	153.53	1780	0.383
MF22-154	243268	153.53	154.07	12000	2.583
MF22-154	243269	154.07	154.48	3530	0.760
MF22-154	243270	154.48	155.31	216	0.046
MF22-154	243272	155.31	155.8	131	0.028
MF22-154	243273	155.8	156.2	774	0.167
MF22-154	243274	156.2	157.58	556	0.120
MF22-154	243275	157.58	158.7	665	0.143
MF22-154	243276	158.7	159.13	2320	0.499
MF22-154	243277	159.13	160.05	5580	1.201
MF22-154	243278	160.05	161	8270	1.780
MF22-154	243279	161	161.4	1680	0.362
MF22-154	243280	161.4	163.2	828	0.178
MF22-154	243282	175	176.94	675	0.145
MF22-154	243283	176.94	177.34	3590	0.773
MF22-154	243284	177.34	177.76	109	0.023
MF22-154	243285	177.76	178.11	5990	1.289
MF22-154	243286	178.11	178.45	1330	0.286
MF22-154	243287	178.45	178.83	174	0.037
MF22-154	243288	178.83	179.22	3810	0.820
MF22-154	243289	179.22	181	690	0.149
MF22-154	243290	257	258.75	330	0.071
MF22-154	243292	258.75	259.17	1030	0.222
MF22-154	243293	259.17	259.73	742	0.160
MF22-154	243294	259.73	260.38	6790	1.462
MF22-154	243295	260.38	261.17	10900	2.346

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-154	243296	261.17	262.11	711	0.153
MF22-154	243297	262.11	262.9	296	0.064
MF22-154	243298	262.9	263.3	3430	0.738
MF22-154	243299	263.3	265	1310	0.282
MF22-155	243300	54.75	55.1	119	0.026
MF22-155	243302	63.65	64.1	572	0.123
MF22-155	243303	64.1	65.05	59	0.013
MF22-155	243304	83.06	83.4	423	0.091
MF22-155	243305	86	87.8	601	0.129
MF22-155	243306	87.8	88.23	3190	0.687
MF22-155	243307	88.23	88.64	8120	1.748
MF22-155	243308	88.64	89.1	14100	3.035
MF22-155	243309	89.1	89.71	290	0.062
MF22-155	243310	89.71	90.26	1800	0.387
MF22-155	243312	90.26	90.67	1590	0.342
MF22-155	243313	90.67	92.4	214	0.046
MF22-155	243314	139.4	139.82	44	0.009
MF22-155	243315	147.33	148.31	125	0.027
MF22-155	243316	150.56	151.21	83	0.018
MF22-155	243317	151.21	151.83	69	0.015
MF22-155	243318	155.2	155.59	61	0.013
MF22-155	243319	164.47	164.98	94	0.020
MF22-155	243320	169.2	171	363	0.078
MF22-155	243322	171	171.3	1880	0.405
MF22-155	243323	171.3	171.75	173	0.037
MF22-155	243324	171.75	172.75	244	0.053
MF22-155	243325	172.75	173.05	670	0.144
MF22-155	243326	173.05	173.38	2290	0.493
MF22-155	243327	173.38	175.38	2230	0.480
MF22-155	243328	175.38	176.15	895	0.193
MF22-155	243329	176.15	176.8	224	0.048
MF22-155	243330	176.8	177.25	1980	0.426
MF22-155	243332	177.25	179	1470	0.316
MF22-155	243333	195.08	195.47	93	0.020
MF22-155	243334	199.45	201.25	1570	0.338
MF22-155	243335	201.25	201.65	2190	0.471
MF22-155	243336	201.65	202.1	297	0.064
MF22-155	243337	202.1	203	123	0.026
MF22-155	243338	203	203.72	169	0.036
MF22-155	243339	203.72	204.44	144	0.031

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-155	243340	204.44	204.78	61	0.013
MF22-155	243342	204.78	205.25	80	0.017
MF22-155	243343	205.25	206.15	3760	0.809
MF22-155	243344	206.15	206.47	92	0.020
MF22-155	243345	206.47	206.85	557	0.120
MF22-155	243346	206.85	208.7	1190	0.256
MF22-155	243347	222.88	224	71	0.015
MF22-155	243348	258.03	259.7	1400	0.301
MF22-155	243349	259.7	260.06	2680	0.577
MF22-155	243350	260.06	260.55	195	0.042
MF22-155	243352	260.55	261.32	13100	2.820
MF22-155	243353	261.32	262.3	361	0.078
MF22-155	243354	262.3	263.32	792	0.170
MF22-155	243355	263.32	263.94	177	0.038
MF22-155	243356	263.94	264.25	218	0.047
MF22-155	243357	264.25	264.7	1780	0.383
MF22-155	243358	264.7	266.5	1400	0.301
MF22-156	243359	62	62.3	46	0.010
MF22-156	243360	67.83	68.2	29	0.006
MF22-156	243362	92.27	94.01	1060	0.228
MF22-156	243363	94.01	94.36	1100	0.237
MF22-156	243364	94.36	95.36	129	0.028
MF22-156	243365	95.36	96.36	144	0.031
MF22-156	243366	96.36	96.66	1150	0.248
MF22-156	243367	96.66	97.45	102	0.022
MF22-156	243368	97.45	98.36	15900	3.423
MF22-156	243369	98.36	99.22	12300	2.648
MF22-156	243370	99.22	100.1	17400	3.746
MF22-156	243372	100.1	100.85	542	0.117
MF22-156	243373	100.85	101.15	8770	1.888
MF22-156	243374	101.15	101.48	2590	0.558
MF22-156	243375	101.48	102.42	102	0.022
MF22-156	243376	102.42	102.77	394	0.085
MF22-156	243377	102.77	104.5	1360	0.293
MF22-156	243378	125.6	126	178	0.038
MF22-156	243379	153.03	153.36	861	0.185
MF22-156	243398	155.58	155.88	538	0.116
MF22-156	243380	159.5	160.08	57	0.012
MF22-156	243382	164.08	164.88	93	0.020
MF22-156	243383	164.88	165.3	124	0.027

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-156	243384	176.1	176.83	155	0.033
MF22-156	243385	195	196.7	296	0.064
MF22-156	243386	196.7	197	754	0.162
MF22-156	243387	197	197.34	349	0.075
MF22-156	243388	197.34	198	2690	0.579
MF22-156	243389	198	200	2310	0.497
MF22-156	243390	200	200.39	1730	0.372
MF22-156	243392	200.39	201.32	749	0.161
MF22-156	243393	201.32	202.13	831	0.179
MF22-156	243394	202.13	202.55	794	0.171
MF22-156	243395	202.55	204.3	761	0.164
MF22-156	243396	215.44	215.84	438	0.094
MF22-156	243397	234.17	234.9	62	0.013
MF22-156	243399	247.55	249.3	1100	0.237
MF22-156	243400	249.3	249.73	3620	0.779
MF22-156	243402	249.73	250.15	625	0.135
MF22-156	243403	250.15	250.74	2070	0.446
MF22-156	243404	250.74	251.08	8350	1.798
MF22-156	243405	251.08	251.61	1500	0.323
MF22-156	243406	251.61	252.05	333	0.072
MF22-156	243407	252.05	252.4	2270	0.489
MF22-156	243408	252.4	254.2	1410	0.304
MF22-156	243409	256.54	257.04	166	0.036
MF22-156	243410	268.05	269.13	138	0.030
MF22-157	243412	33.15	34.05	30	0.006
MF22-157	243413	107.05	107.4	102	0.022
MF22-157	243414	111.1	111.9	124	0.027
MF22-157	243415	114.75	116.6	883	0.190
MF22-157	243416	116.6	117	329	0.071
MF22-157	243417	117	117.3	3860	0.831
MF22-157	243418	117.3	117.65	4900	1.055
MF22-157	243419	117.65	118	3290	0.708
MF22-157	243420	118	118.35	5040	1.085
MF22-157	243422	118.35	118.7	62	0.013
MF22-157	243423	118.7	119	253	0.054
MF22-157	243424	119	119.4	865	0.186
MF22-157	243425	119.4	121.05	531	0.114
MF22-157	243426	129.5	130.9	547	0.118
MF22-157	243427	130.9	132.75	510	0.110
MF22-157	243428	132.75	133.1	445	0.096

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-157	243429	133.1	133.8	89	0.019
MF22-157	243430	133.8	135.8	885	0.191
MF22-157	243432	135.8	137.45	1820	0.392
MF22-157	243433	137.45	137.75	374	0.081
MF22-157	243434	137.75	138.15	132	0.028
MF22-157	243435	138.15	138.75	107	0.023
MF22-157	243436	138.75	139.05	338	0.073
MF22-157	243437	139.05	139.45	1310	0.282
MF22-157	243438	139.45	141.2	592	0.127
MF22-157	243439	168.15	169.05	100	0.022
MF22-157	243440	169.05	170	137	0.029
MF22-157	243442	170	171	124	0.027
MF22-157	243443	171	172	140	0.030
MF22-157	243444	227	228.95	1470	0.316
MF22-157	243445	228.95	229.25	3360	0.723
MF22-157	243446	229.25	229.9	6660	1.434
MF22-157	243447	229.9	230.75	8250	1.776
MF22-157	243448	230.75	231.65	5490	1.182
MF22-157	243449	231.65	232.5	2300	0.495
MF22-157	243450	232.5	232.8	4670	1.005
MF22-157	243452	232.8	234.6	1190	0.256
MF22-157	243453	245.25	246	80	0.017
MF22-157	243454	269	270.9	1370	0.295
MF22-157	243455	270.9	271.25	363	0.078
MF22-157	243456	271.25	271.85	134	0.029
MF22-157	243457	271.85	272.9	46	0.010
MF22-157	243458	272.9	273.95	34	0.007
MF22-157	243459	273.95	275	89	0.019
MF22-157	243460	275	275.65	737	0.159
MF22-157	243462	275.65	276.3	1030	0.222
MF22-157	243463	276.3	278.2	337	0.073
MF22-158	243464	19.2	21.1	780	0.168
MF22-158	243465	21.1	21.55	3980	0.857
MF22-158	243466	21.55	22.05	129	0.028
MF22-158	243467	22.05	22.35	5420	1.167
MF22-158	243468	22.35	22.7	190	0.041
MF22-158	243469	22.7	23.6	1080	0.232
MF22-158	243470	23.6	24.05	173	0.037
MF22-158	243472	24.05	24.45	1560	0.336
MF22-158	243473	24.45	26.4	1550	0.334

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-158	243474	73.75	74.25	87	0.019
MF22-158	243475	97.45	98.2	43	0.009
MF22-158	243476	110.2	110.85	130	0.028
MF22-158	243477	122.5	124.3	1230	0.265
MF22-158	243478	124.3	124.65	3330	0.717
MF22-158	243479	124.65	125	165	0.036
MF22-158	243480	125	126.2	6800	1.464
MF22-158	243482	126.2	126.85	1630	0.351
MF22-158	243483	126.85	127.25	4050	0.872
MF22-158	243484	127.25	129.05	1550	0.334
MF22-158	243485	164.75	166.55	605	0.130
MF22-158	243486	166.55	166.9	340	0.073
MF22-158	243487	166.9	167.7	61	0.013
MF22-158	243488	167.7	168.05	937	0.202
MF22-158	243489	168.05	169.85	514	0.111
MF22-158	243490	205.8	206.25	66	0.014
MF22-158	243492	206.5	208.3	3120	0.672
MF22-158	243493	208.3	208.65	4180	0.900
MF22-158	243494	208.65	209.15	225	0.048
MF22-158	243495	209.15	210.7	10600	2.282
MF22-158	243496	210.7	211.05	3870	0.833
MF22-158	243497	211.05	212.1	3970	0.855
MF22-158	243498	212.1	212.45	2720	0.586
MF22-158	243499	212.45	214.25	1120	0.241
MF22-158	243500	221.65	221.95	39	0.008
MF22-158	245502	224.5	226.2	352	0.076
MF22-158	245503	226.2	226.65	303	0.065
MF22-158	245504	226.65	227.1	70	0.015
MF22-158	245505	227.1	227.4	282	0.061
MF22-158	245506	227.4	229.4	254	0.055
MF22-158	245507	245	245.6	48	0.010
MF22-158	245508	261.2	263	483	0.104
MF22-158	245509	263	263.4	491	0.106
MF22-158	245510	263.4	264.1	114	0.025
MF22-158	245512	264.1	264.4	853	0.184
MF22-158	245513	264.4	266.4	255	0.055
MF22-159	245514	16.1	17.5	427	0.092
MF22-159	245515	17.5	18.1	615	0.132
MF22-159	245516	18.1	18.65	1200	0.258
MF22-159	245517	18.65	19.65	72	0.015

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-159	245518	19.65	20.15	170	0.037
MF22-159	245519	20.15	20.9	112	0.024
MF22-159	245520	20.9	21.35	309	0.067
MF22-159	245522	21.35	23	403	0.087
MF22-159	245523	58	58.3	363	0.078
MF22-159	245524	66.3	66.85	286	0.062
MF22-159	245525	92.6	92.9	107	0.023
MF22-159	245526	100.2	100.8	36	0.008
MF22-159	245527	119	120.75	1920	0.413
MF22-159	245528	120.75	121.2	1640	0.353
MF22-159	245529	121.2	121.5	161	0.035
MF22-159	245530	121.5	122.2	2260	0.487
MF22-159	245532	122.2	122.9	2250	0.484
MF22-159	245533	122.9	123.25	5500	1.184
MF22-159	245534	123.25	123.65	4510	0.971
MF22-159	245535	123.65	124.15	402	0.087
MF22-159	245536	124.15	124.5	1760	0.379
MF22-159	245537	124.5	126.4	897	0.193
MF22-159	245538	158.9	159.85	132	0.028
MF22-159	245539	191.75	193	673	0.145
MF22-159	245540	193	193.4	1680	0.362
MF22-159	245542	193.4	193.7	2750	0.592
MF22-159	245543	193.7	194	2310	0.497
MF22-159	245544	194	194.4	6760	1.455
MF22-159	245545	194.4	194.95	515	0.111
MF22-159	245546	194.95	195.4	4060	0.874
MF22-159	245547	195.4	197.3	917	0.197
MF22-159	245548	216.6	217.65	42	0.009
MF22-159	245549	239.9	240.35	135	0.029
MF22-159	245550	240.35	241.7	397	0.085
MF22-159	245552	241.7	242	278	0.060
MF22-160	245557	12.75	14.6	141	0.030
MF22-160	245558	14.6	15.05	630	0.136
MF22-160	245559	15.05	15.45	9120	1.963
MF22-160	245560	15.45	15.8	2760	0.594
MF22-160	245562	15.8	16.3	8210	1.767
MF22-160	245563	16.3	16.7	1620	0.349
MF22-160	245564	16.7	17.15	5850	1.259
MF22-160	245565	17.15	17.45	54	0.012
MF22-160	245566	17.45	17.85	93	0.020

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-160	245567	17.85	18.2	637	0.137
MF22-160	245568	18.2	20	184	0.040
MF22-160	245569	26.75	27.15	115	0.025
MF22-160	245570	103.15	105	1220	0.263
MF22-160	245572	105	105.45	1820	0.392
MF22-160	245573	105.45	106.2	380	0.082
MF22-160	245574	106.2	107.45	1700	0.366
MF22-160	245575	107.45	108.3	69	0.015
MF22-160	245576	108.3	108.7	1270	0.273
MF22-160	245577	108.7	109.9	1130	0.243
MF22-160	245578	109.9	110.25	1050	0.226
MF22-160	245579	110.25	110.6	83	0.018
MF22-160	245580	110.6	111	1060	0.228
MF22-160	245582	111	112.8	405	0.087
MF22-160	245583	121.2	122.95	486	0.105
MF22-160	245584	122.95	123.35	1920	0.413
MF22-160	245585	123.35	124.4	1330	0.286
MF22-160	245586	124.4	125.75	8140	1.752
MF22-160	245587	125.75	126.7	878	0.189
MF22-160	245588	126.7	127.05	4510	0.971
MF22-160	245589	127.05	128.15	754	0.162
MF22-160	245590	128.15	129.65	1880	0.405
MF22-160	245592	129.65	130.05	754	0.162
MF22-160	245593	130.05	131.25	93	0.020
MF22-160	245594	131.25	132.5	110	0.024
MF22-160	245595	132.5	132.9	901	0.194
MF22-160	245596	132.9	134	2290	0.493
MF22-160	245597	134	135.55	1030	0.222
MF22-160	245598	135.55	136	334	0.072
MF22-160	245599	136	137.45	111	0.024
MF22-160	245600	137.45	137.85	818	0.176
MF22-160	245602	137.85	139.05	2350	0.506
MF22-160	245603	139.05	139.95	1260	0.271
MF22-160	245604	139.95	140.3	1310	0.282
MF22-160	245605	140.3	141.75	63	0.014
MF22-160	245606	141.75	142.1	1140	0.245
MF22-160	245607	142.1	143.5	539	0.116
MF22-160	245608	157.9	159.35	1470	0.316
MF22-160	245609	159.35	159.8	1460	0.314
MF22-160	245610	159.8	160.95	1520	0.327

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-160	245612	160.95	161.4	2140	0.461
MF22-160	245613	161.4	163.2	1170	0.252
MF22-160	245614	179.6	181.15	225	0.048
MF22-160	245615	181.15	181.55	304	0.065
MF22-160	245616	181.55	183.05	25	0.005
MF22-160	245617	183.05	184.25	-15	-0.003
MF22-160	245618	184.25	184.9	54	0.012
MF22-160	245619	184.9	185.35	304	0.065
MF22-160	245620	185.35	187	478	0.103
MF22-160	245622	225.75	227.25	224	0.048
MF22-160	245623	227.25	227.75	204	0.044
MF22-160	245624	227.75	229	97	0.021
MF22-160	245625	229	229.4	786	0.169
MF22-160	245626	229.4	230.55	499	0.107
MF22-161	245627	57.5	59.3	790	0.170
MF22-161	245628	59.3	59.75	1580	0.340
MF22-161	245629	59.75	60.9	6100	1.313
MF22-161	245630	60.9	62	3360	0.723
MF22-161	245632	62	63.4	4150	0.893
MF22-161	245633	63.4	63.95	111	0.024
MF22-161	245634	63.95	65.15	4930	1.061
MF22-161	245635	65.15	65.55	630	0.136
MF22-161	245636	65.55	66	1760	0.379
MF22-161	245637	66	67.75	374	0.081
MF22-161	245638	82.8	84.6	1670	0.360
MF22-161	245639	84.6	84.95	2830	0.609
MF22-161	245640	84.95	85.45	20	0.004
MF22-161	245642	85.45	85.8	2360	0.508
MF22-161	245643	85.8	87.55	893	0.192
MF22-161	245644	95.75	97.5	2090	0.450
MF22-161	245645	97.5	97.9	1980	0.426
MF22-161	245646	97.9	99.3	319	0.069
MF22-161	245647	99.3	100.75	15400	3.315
MF22-161	245648	100.75	101.45	3910	0.842
MF22-161	245649	101.45	101.8	3060	0.659
MF22-161	245650	101.8	102.15	2290	0.493
MF22-161	245652	102.15	103.35	897	0.193
MF22-161	245653	103.35	103.65	32	0.007
MF22-161	245654	103.65	104	1020	0.220
MF22-161	245655	104	105.8	539	0.116

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-161	245656	112.5	114.35	1570	0.338
MF22-161	245657	114.35	114.7	3340	0.719
MF22-161	245658	114.7	115	114	0.025
MF22-161	245659	115	115.65	978	0.211
MF22-161	245660	115.65	116.05	4020	0.865
MF22-161	245662	116.05	116.4	895	0.193
MF22-161	245663	116.4	116.7	15600	3.358
MF22-161	245664	116.7	117	1160	0.250
MF22-161	245665	117	117.35	6290	1.354
MF22-161	245666	117.35	117.7	3500	0.753
MF22-161	245667	117.7	119.5	1820	0.392
MF22-161	245668	127.6	129.4	615	0.132
MF22-161	245669	129.4	129.8	1610	0.347
MF22-161	245670	129.8	130.2	217	0.047
MF22-161	245672	130.2	130.55	1130	0.243
MF22-161	245673	130.55	130.85	298	0.064
MF22-161	245674	130.85	131.2	1520	0.327
MF22-161	245675	131.2	133	1720	0.370
MF22-161	245676	153.15	154.9	379	0.082
MF22-161	245677	154.9	155.3	378	0.081
MF22-161	245678	155.3	156.3	19	0.004
MF22-161	245679	156.3	156.7	255	0.055
MF22-161	245680	156.7	157.05	37	0.008
MF22-161	245682	157.05	157.4	376	0.081
MF22-161	245683	157.4	159.2	329	0.071
MF22-162	245684	51.75	52.4	73	0.016
MF22-162	245685	61.55	63.35	3590	0.773
MF22-162	245686	63.35	63.75	1030	0.222
MF22-162	245687	63.75	64.2	1100	0.237
MF22-162	245688	64.2	65.05	4520	0.973
MF22-162	245689	65.05	65.85	1230	0.265
MF22-162	245690	65.85	66.35	6540	1.408
MF22-162	245692	66.35	67.7	1510	0.325
MF22-162	245693	67.7	68.8	1750	0.377
MF22-162	245694	68.8	69.25	768	0.165
MF22-162	245695	69.25	69.65	2610	0.562
MF22-162	245696	69.65	71.4	31	0.007
MF22-162	245697	174.85	175.25	576	0.124
MF22-162	245698	235	236.85	336	0.072
MF22-162	245699	236.85	237.25	513	0.110

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-162	245700	237.25	238.5	33	0.007
MF22-162	245702	238.5	239.8	27	0.006
MF22-162	245703	239.8	240.35	148	0.032
MF22-162	245704	240.35	241.5	267	0.057
MF22-162	245705	241.5	243.2	64	0.014
MF22-162	245706	243.2	243.55	36	0.008
MF22-162	245707	243.55	244	336	0.072
MF22-162	245708	244	245.8	343	0.074
MF22-162	245709	253	253.3	47	0.010
MF22-162	245710	257.2	258.1	245	0.053
MF22-162	245712	264.1	265.8	464	0.100
MF22-162	245713	265.8	266.15	888	0.191
MF22-162	245714	266.15	267.15	116	0.025
MF22-162	245715	267.15	267.55	439	0.095
MF22-162	245716	267.55	269.3	302	0.065
MF22-163	245717	32	33.75	210	0.045
MF22-163	245718	33.75	34.1	383	0.082
MF22-163	245719	34.1	35.15	36	0.008
MF22-163	245720	35.15	36.4	20	0.004
MF22-163	245722	36.4	37	394	0.085
MF22-163	245723	37	37.35	47	0.010
MF22-163	245724	37.35	39.05	224	0.048
MF22-163	245725	81.5	83.3	587	0.126
MF22-163	245726	83.3	83.7	1980	0.426
MF22-163	245727	83.7	84.1	230	0.050
MF22-163	245728	84.1	85.3	6750	1.453
MF22-163	245729	85.3	86.3	1470	0.316
MF22-163	245730	86.3	87.45	7700	1.658
MF22-163	245732	87.45	87.9	166	0.036
MF22-163	245733	87.9	89	8050	1.733
MF22-163	245734	89	90.35	4090	0.880
MF22-163	245735	90.35	91.7	8960	1.929
MF22-163	245736	91.7	92	88	0.019
MF22-163	245737	92	92.9	741	0.160
MF22-163	245738	92.9	93.25	2450	0.527
MF22-163	245739	93.25	95	793	0.171
MF22-163	245740	95	95.35	1840	0.396
MF22-163	245742	95.35	96	155	0.033
MF22-163	245743	96	97.15	6130	1.320
MF22-163	245744	97.15	98.2	9170	1.974

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-163	245745	98.2	99.25	10100	2.174
MF22-163	245746	99.25	100.05	142	0.031
MF22-163	245747	100.05	101.55	7780	1.675
MF22-163	245748	101.55	102.55	2020	0.435
MF22-163	245749	102.55	103.4	20000	4.305
MF22-163	245750	103.4	103.7	554	0.119
MF22-163	245752	103.7	104.4	577	0.124
MF22-163	245753	104.4	105.1	739	0.159
MF22-163	245754	105.1	105.8	115	0.025
MF22-163	245755	105.8	106.2	583	0.126
MF22-163	245756	106.2	108	691	0.149
MF22-163	245757	112.05	113.85	557	0.120
MF22-163	245758	113.85	114.2	1770	0.381
MF22-163	245759	114.2	114.6	10400	2.239
MF22-163	245760	114.6	115.05	7140	1.537
MF22-163	245762	115.05	116.4	11500	2.476
MF22-163	245763	116.4	117.2	14900	3.208
MF22-163	245764	117.2	117.7	7640	1.645
MF22-163	245765	117.7	119	3630	0.781
MF22-163	245766	119	119.65	3600	0.775
MF22-163	245767	119.65	121	6080	1.309
MF22-163	245768	121	121.5	171	0.037
MF22-163	245769	121.5	121.85	3080	0.663
MF22-163	245770	121.85	123.6	1060	0.228
MF22-163	245772	131.3	133.15	2520	0.542
MF22-163	245773	133.15	133.55	4010	0.863
MF22-163	245774	133.55	134.35	1480	0.319
MF22-163	245775	134.35	135.5	3160	0.680
MF22-163	245776	135.5	136.3	7730	1.664
MF22-163	245777	136.3	136.8	1810	0.390
MF22-163	245778	136.8	138	2710	0.583
MF22-163	245779	138	139.35	9400	2.024
MF22-163	245780	139.35	140.7	9080	1.955
MF22-163	245782	140.7	141.1	3240	0.697
MF22-163	245783	141.1	142.9	1450	0.312
MF22-163	245784	286.5	286.85	117	0.025
MF22-164	245785	10.25	11	56	0.012
MF22-164	245786	77.5	79.3	1420	0.306
MF22-164	245787	79.3	79.65	817	0.176
MF22-164	245788	79.65	80.85	484	0.104

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-164	245789	80.85	82	6960	1.498
MF22-164	245790	82	83.4	7830	1.686
MF22-164	245792	83.4	83.9	739	0.159
MF22-164	245793	83.9	84.25	4190	0.902
MF22-164	245794	84.25	85.15	6380	1.373
MF22-164	245795	85.15	85.45	5340	1.150
MF22-164	245796	85.45	86	1650	0.355
MF22-164	245797	86	87.45	3420	0.736
MF22-164	245798	87.45	88.55	3240	0.697
MF22-164	245799	88.55	89	266	0.057
MF22-164	245800	89	89.3	5910	1.272
MF22-164	245802	89.3	90.75	1580	0.340
MF22-164	245803	90.75	91.55	1380	0.297
MF22-164	245804	91.55	92.3	320	0.069
MF22-164	245805	92.3	92.65	797	0.172
MF22-164	245806	92.65	94.45	518	0.112
MF22-164	245807	121.4	123.2	965	0.208
MF22-164	245808	123.2	123.55	1430	0.308
MF22-164	245809	123.55	124.6	147	0.032
MF22-164	245810	124.6	125	1620	0.349
MF22-164	245812	125	125.35	2250	0.484
MF22-164	245813	125.35	127.15	731	0.157
MF22-164	245814	148.2	150	659	0.142
MF22-164	245815	150	150.35	918	0.198
MF22-164	245816	150.35	151.3	28	0.006
MF22-164	245817	151.3	151.65	790	0.170
MF22-164	245818	151.65	153.5	470	0.101
MF22-164	245819	157.25	159.05	611	0.132
MF22-164	245820	159.05	159.35	495	0.107
MF22-164	245822	159.35	160.7	57	0.012
MF22-164	245823	160.7	161	548	0.118
MF22-164	245824	161	162.8	524	0.113
MF22-164	245825	162.8	163.75	228	0.049
MF22-164	245826	163.75	164.1	775	0.167
MF22-164	245827	164.1	165.9	271	0.058
MF22-164	245828	196.5	196.8	48	0.010
MF22-164	245829	230.9	231.3	188	0.040
MF22-164	245830	261.35	263	433	0.093
MF22-164	245832	263	263.3	464	0.100
MF22-164	245833	263.3	264.6	70	0.015

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-164	245834	264.6	265.6	75	0.016
MF22-164	245835	265.6	266.3	117	0.025
MF22-164	245836	266.3	266.6	496	0.107
MF22-164	245837	266.6	268.5	528	0.114
MF22-164	245838	287.7	289.5	326	0.070
MF22-164	245839	289.5	289.85	644	0.139
MF22-164	245840	289.85	290.85	62	0.013
MF22-164	245842	290.85	291.7	115	0.025
MF22-164	245843	291.7	292	731	0.157
MF22-164	245844	292	293.75	210	0.045
MF22-165	245845	8.9	9.3	109	0.023
MF22-165	245846	37.5	39.15	45	0.010
MF22-165	245847	39.15	39.45	59	0.013
MF22-165	245848	39.45	40.2	74	0.016
MF22-165	245849	40.2	40.55	74	0.016
MF22-165	245850	40.55	42.3	58	0.012
MF22-165	245852	123.85	125.6	457	0.098
MF22-165	245853	125.6	125.95	703	0.151
MF22-165	245854	125.95	126.3	44	0.009
MF22-165	245855	126.3	126.65	529	0.114
MF22-165	245856	126.65	128.3	222	0.048
MF22-165	245857	133	133.3	254	0.055
MF22-165	245858	159.5	159.8	37	0.008
MF22-165	245859	168.5	170.25	71	0.015
MF22-165	245860	170.25	170.65	143	0.031
MF22-165	245862	170.65	171	25	0.005
MF22-165	245863	171	171.75	83	0.018
MF22-165	245864	171.75	172.15	129	0.028
MF22-165	245865	172.15	173.95	133	0.029
MF22-165	245866	200.15	200.5	18	0.004
MF22-166	245867	8.1	8.45	153	0.033
MF22-166	245868	11	12.8	594	0.128
MF22-166	245869	12.8	13.15	1020	0.220
MF22-166	245870	13.15	14.55	646	0.139
MF22-166	245872	14.55	14.95	3000	0.646
MF22-166	245873	14.95	16.4	1660	0.357
MF22-166	245874	16.4	17.95	292	0.063
MF22-166	245875	93.25	93.75	275	0.059
MF22-166	245876	93.75	94.2	440	0.095
MF22-166	245877	94.2	96	271	0.058

Hole	Sample	From (m)	To (m)	Li (ppm)	Li2O (%)
MF22-166	245878	96	96.4	408	0.088
MF22-166	245879	96.4	96.9	44	0.009
MF22-166	245880	96.9	97.25	291	0.063
MF22-166	245882	97.25	99	181	0.039
MF22-167	245883	4.5	4.8	45	0.010
MF22-167	245884	21.65	22	75	0.016
MF22-167	245885	27.7	29.45	274	0.059
MF22-167	245886	29.45	29.75	368	0.079
MF22-167	245887	29.75	30.8	131	0.028
MF22-167	245888	30.8	31.2	289	0.062
MF22-167	245889	31.2	33	251	0.054
MF22-167	245890	45.45	45.75	140	0.030
MF22-167	245892	51.95	52.3	79	0.017
MF22-167	245893	60.5	62.25	383	0.082
MF22-167	245894	62.25	63.6	3080	0.663
MF22-167	245895	63.6	64.9	3390	0.730
MF22-167	245896	64.9	66.65	1970	0.424
MF22-167	245897	73.6	74.6	294	0.063
MF22-167	245898	148	148.4	121	0.026

JORC Table 1 – MF22-152 to MF22-167 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 calibration of any measurement tools or systems used.	• Oriented core was placed V-rail and a consistent cut-line drawn along core to ensure cutting (halving) of representative samples. • 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.
	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.	
Drilling techniques	*Drill type (e.g., core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g., core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what*	• 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.*	• 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, and

Criteria	JORC-Code Explanation	Commentary
	Measures taken to maximise sample recovery and ensure representative nature of the samples. *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	the 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.*	

Criteria	JORC-Code Explanation	Commentary
	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 MF22-152 was 260m • 100% of the relevant intersections were logged. Total length of the MF22-153 was 317m • 100% of the relevant intersections were logged. Total length of the MF22-154 was 283m • 100% of the relevant intersections were logged. Total length of the MF22-155 was 281m • 100% of the relevant intersections were logged. Total length of the MF22-156 was 284m • 100% of the relevant intersections were logged. Total length of the MF22-157 was 296m • 100% of the relevant intersections were logged. Total length of the MF22-158 was 302m • 100% of the relevant intersections were logged. Total length of the MF22-159 was 278m • 100% of the relevant intersections were logged. Total length of the MF22-160 was 251m • 100% of the relevant intersections were logged. Total length of the MF22-161 was 260m • 100% of the relevant intersections were logged. Total length of the MF22-162 was 290m • 100% of the relevant intersections were logged. Total length of the MF22-163 was 296m • 100% of the relevant intersections were logged. Total length of the MF22-164 was 302m • 100% of the relevant intersections were logged. Total length of the MF22-165 was 230m • 100% of the relevant intersections were logged. Total length of the MF22-166 was 113m • 100% of the relevant intersections were logged. Total length of the MF22-167 was 161m • 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.	

Criteria	JORC-Code Explanation	Commentary
	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.
	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.	• Core sample intervals were based in logged mineralisation • No duplicates or second half-sampling
	Whether sample sizes are appropriate to the grain size of the material being sampled.	• Appropriate method: oriented NQ core cut in half using a diamond saw, with a half core sent for assay and half core retained
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)

<table>
<tr><td>Criteria</td><td>JORC-Code Explanation</td><td>Commentary</td></tr>
<tr><td>Mineral tenement and land tenure status</td><td>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.</td><td>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.</td></tr>
<tr><td>Exploration done by other parties</td><td>Acknowledgment and appraisal of exploration by other parties.</td><td>• 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).</td></tr>
<tr><td>Geology</td><td>Deposit type, geological setting and style of mineralisation.</td><td>• The Fairservice and Mavis Lake Prospects host zoned pegmatites that are prospective for lithium and tantalum</td></tr>
<tr><td>Drill hole Information</td><td>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:

Easting and northing of the drill hole collar

Elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar

Dip and azimuth of the hole

down hole length and interception depth

hole length.

If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</td><td>
<table>
<tr><td>Hole ID</td><td>Easting</td><td>Northing</td><td>Elevation</td><td>Az</td><td>Dip</td><td>End Depth</td></tr>
<tr><td>MF22-152</td><td>524491</td><td>5518088</td><td>434</td><td>174.7</td><td>-73.1</td><td>260</td></tr>
<tr><td>MF22-153</td><td>524490</td><td>5518093</td><td>436</td><td>110.3</td><td>-84.8</td><td>317</td></tr>
<tr><td>MF22-154</td><td>524487</td><td>5518084</td><td>438</td><td>245.2</td><td>-83</td><td>283</td></tr>
<tr><td>MF22-155</td><td>524488</td><td>5518085</td><td>439</td><td>249.6</td><td>-73.3</td><td>281</td></tr>
<tr><td>MF22-156</td><td>524489</td><td>5518087</td><td>439</td><td>243</td><td>-65.3</td><td>284</td></tr>
<tr><td>MF22-157</td><td>524591</td><td>5518099</td><td>439</td><td>180.2</td><td>-84.9</td><td>296</td></tr>
<tr><td>MF22-158</td><td>524743</td><td>5518095</td><td>418</td><td>250.1</td><td>-70.1</td><td>302</td></tr>
<tr><td>MF22-159</td><td>524744</td><td>5518095</td><td>418</td><td>180.3</td><td>-85</td><td>278</td></tr>
<tr><td>MF22-160</td><td>524742</td><td>5518092</td><td>417</td><td>110.1</td><td>-70.1</td><td>251</td></tr>
<tr><td>MF22-161</td><td>524593</td><td>5518091</td><td>447</td><td>160.3</td><td>-50.1</td><td>260</td></tr>
<tr><td>MF22-162</td><td>524548</td><td>5518003</td><td>437</td><td>210.1</td><td>-70</td><td>290</td></tr>
<tr><td>MF22-163</td><td>524546</td><td>5518097</td><td>436</td><td>200.2</td><td>-45.1</td><td>296</td></tr>
<tr><td>MF22-164</td><td>524439</td><td>5517999</td><td>411</td><td>254.8</td><td>-45.1</td><td>302</td></tr>
<tr><td>MF22-165</td><td>525584</td><td>5518620</td><td>422</td><td>110.1</td><td>-45.1</td><td>230</td></tr>
<tr><td>MF22-166</td><td>525709</td><td>5518571</td><td>429</td><td>340.4</td><td>-45</td><td>113</td></tr>
<tr><td>MF22-167</td><td>525712</td><td>5518569</td><td>429</td><td>250.1</td><td>-45.2</td><td>161</td></tr>
</table>

• All drill collars are re-surveyed at a later date upon completion of drill hole for accurate collar coordinates.</td></tr>
</table>

Criteria	JORC-Code Explanation	Commentary
Data aggregation methods	*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.*	• Uncut.
	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.	• All aggregate intercepts detailed on tables are weighted averages.
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	• None used
Relationship between mineralisation widths and intercept lengths	*These relationships are particularly important in the reporting of Exploration Results.*	• True width is calculated from logging geologists structural measurements from upper and lower contacts of pegmatite dyke and the host rock. Both apparent downhole lengths and true widths are provided.
	If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.	• 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.
	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').	• 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 appropriate sectional views.*	• 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.

Criteria	JORC-Code Explanation	Commentary
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. • A total of 20,000m has been approved with consideration for further extensions at the Board's discretion.