

18 March 2024

Highly Prospective 1.25km Lithium Trend at Tot Pegmatite Confirms District-Scale Potential at Mavis Lake

Highlights

- Highly encouraging results received from an extensive soils program completed in late 2023, with 1,365 samples collected over the Northern Prospects.
- Assay results demonstrate key mineralisation trends extending from exposed outcrops, which previously returned up to 4.58% Li₂O from rock chip samples.
- Multiple lithium, caesium and rubidium anomalies identified.
- Extensive lithium anomaly extending over a 1.25km strike length observed along the Tot pegmatite trend, demonstrating the potential for scale
- Results highlight the potential of the Northern Prospects to add rapidly to the Mavis Lake Resource base.
- Results allow for continued development of future drill plans, with high-confidence targets extending beyond the known LCT pegmatite outcrops.

Lithium exploration and project development company Critical Resources Limited **ASX:CRR** ("Critical Resources" or "the Company") is pleased to advise that it has received highly encouraging results from a comprehensive Mobile Metal Ion (MMI) soil geochemistry program completed late last year across the Northern Prospects at its flagship 100%-owned Mavis Lake Lithium Project in Ontario, Canada.

District-Scale Potential of the Northern Prospects

The significant, untapped potential of the Northern Prospects will be unlocked by adopting the same diligent and systematic exploration approach taken at the Mavis Lake Main Zone, where it has delineated a maiden Mineral Resource of 8Mt at 1.07% Li₂O with significant growth potential.

Previous highly successful exploration efforts at the Northern Prospects have centered on the large spodumene-bearing pegmatite outcrops (Gullwing and Tot) identified at surface. The MMI soil geochemistry program was designed to provide early-stage planning for secondary drill targets, trending from those outcrops, with an emphasis on the Tot outcrop. Further geophysical results are pending and are expected to further refine future high-confidence targets across the highly prospective 8km ENE-WSW trend.

Systematic and Robust MMI Soil Program

In CYQ4 2023, Critical Resources undertook a large-scale MMI soil program aimed at developing and refining future drilling targets at the Northern Prospects within the Mavis Lake Lithium Project.



The program was centered on the Tot LCT pegmatite outcrop given both the excellent lithium grades observed from Tot rock chip samples (up to 4.58% Li₂O)¹ and the known, thick overburden surrounding the outcrop. The program was completed over an expansive area measuring 7km by 1.25km and included the collection of 1,356 soil samples. The objective of the program was to identify potential drill targets beneath the glaciolacustrine clay-rich overburden in the area.

The MMI soil sampling was meticulously conducted with a line spacing of 100m. Sample spacing varied, starting from 25m, progressing to 50m, and finally extending to 100m, radiating outward from the Tot Pegmatite prospect. Each soil sample, weighing 300g, was extracted from depths ranging between 40-50cm below the O-A soil horizon.

MMI analysis was used due to the glaciolacustrine clay-rich overburden and the well-known benefits of this analysis technique in generating few false anomalies, and therefore supporting the detection of buried mineralisation with low background values (low noise) and very low detection limits. All element results from MMI analysis are typically within the ppb (parts per billion) range due to the analysis only extracting the most mobile (recent) elements within the sample.

The MMI results have returned anomalous values of Lithium, Caesium and Rubidium, which are interpreted to be linked to the Tot pegmatite system and possibly other undiscovered LCT-Type pegmatites covered by overburden. Full exploration results are provided in Appendix 1, with the key mineralisation trends shown in Figures 1-3.

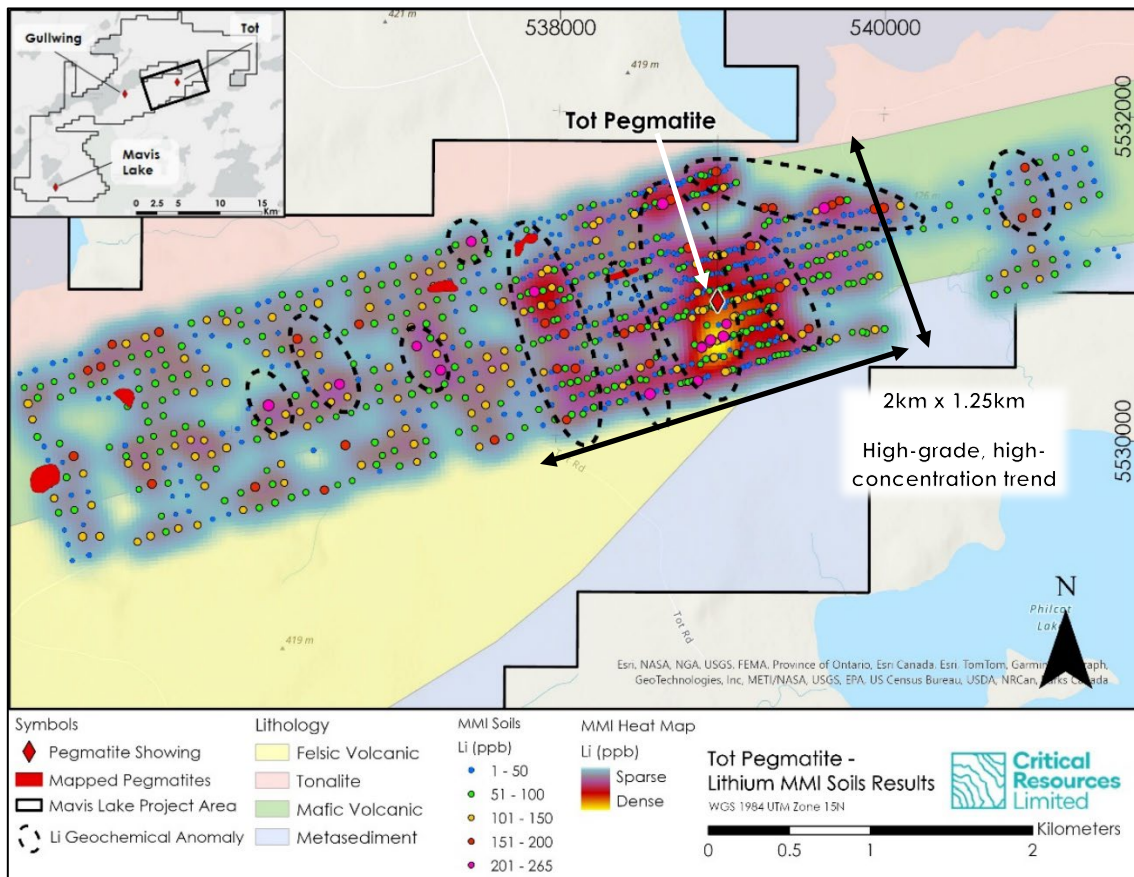


Figure 1: Lithium MMI soil results highlighting extension of lithium mineralisation ~650m to the north and ~450m to the south of the edges of the Tot outcrop. Multiple possible N-S trends highlight possible pegmatite stacks over a 2km X 1.25km area.

¹ Refer to ASX announcement date 20th December 2022

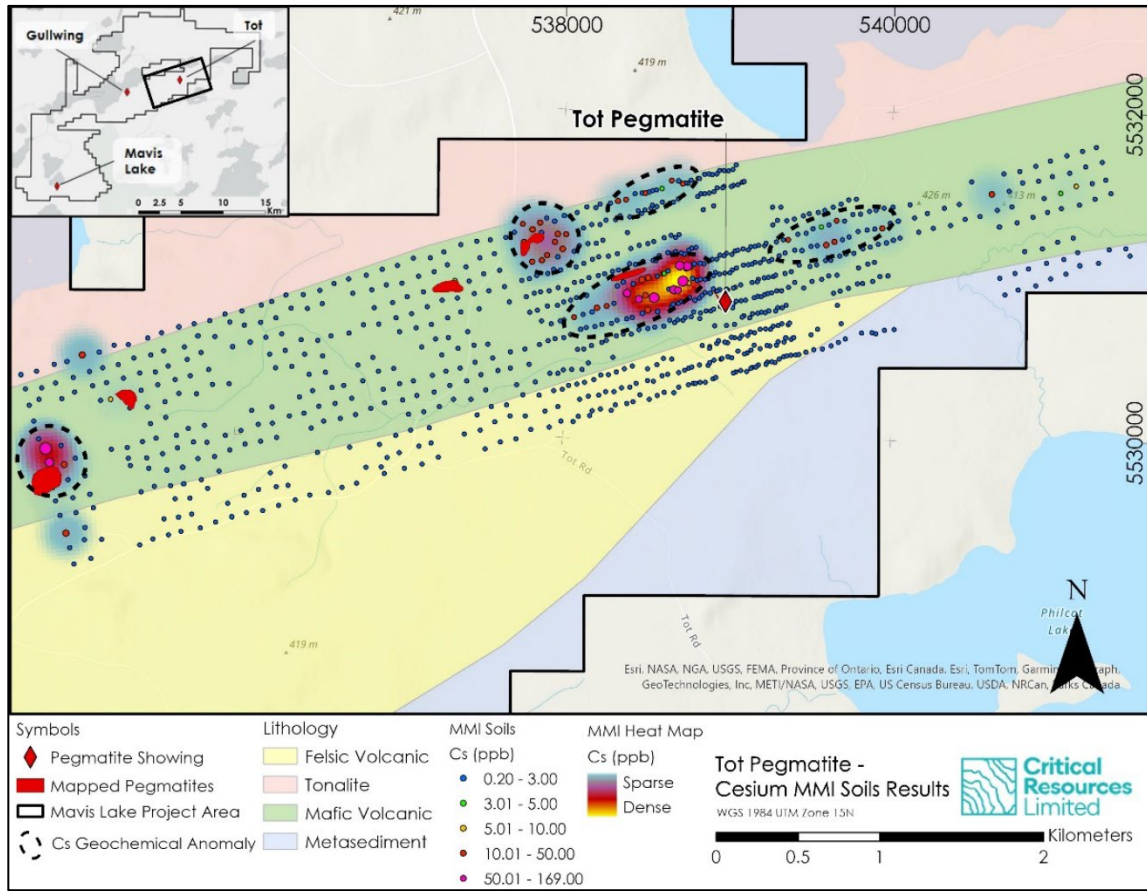


Figure 2: Caesium MMI soil results with clear anomalies representing high-priority targets for future drill testing.

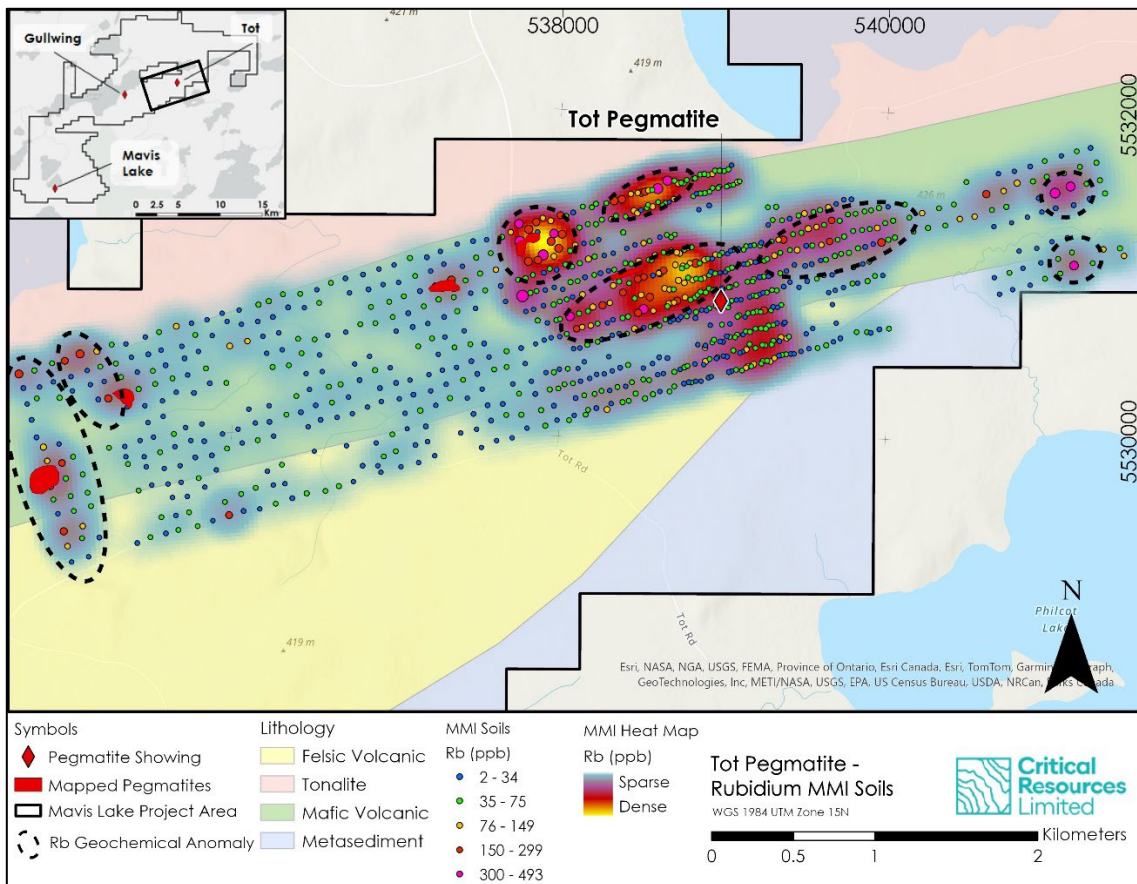


Figure 3: Rubidium MMI soil anomalies providing further evidence of a potentially highly evolved, large LCT-Type pegmatite system.



Tot Mineralisation Trend Extending Over a 1.25km Strike Length

The Tot Pegmatite, with a surface exposure spanning approximately 50m in length and 7m in width, showcases substantial spodumene mineralisation at surface, with previous rock chip sampling delivering multiple high-grade results ranging from 2.2% to 4.58% Li₂O.

The MMI soil analysis results highlight strong anomalies in lithium, caesium, and rubidium extending in both a north-north-west and south-south-east orientation from the exposed Tot outcrop. These anomalies collectively contribute to the delineation of a number of significant anomalies including a prominent lithium anomaly extending over a geochemical strike length of 1.25km, indicating the potential extension of mineralisation well beyond the visible surface exposure of the Tot Pegmatite.

Elevated caesium anomalies are less abundant due to caesium being a lesser mobile element from the source pegmatite. The in-situ pegmatite source of caesium is most likely to occur from the mineral pollucite, such as the pollucite mineralisation found in the Tot Pegmatite outcrop. Caesium anomalies are considered to be key indicator for vectoring in on possible geochemical anomalies as the elevated MMI samples will likely be close in proximity to the pegmatite source.

Future Work

The finalisation of results from a drone magnetic survey completed in Q4 CY 2023 is well underway. The survey results are expected to provide additional structural insights into potential pegmatite emplacement by identifying breaks in the highly magnetic mafic volcanic host rock. These magnetic anomalies will be cross-referenced with elevated levels of lithium, caesium and rubidium to further pinpoint high-confidence drill targets, paving the way for future drilling and potential discoveries of new pegmatite deposits.

In light of the atypical warmer winter conditions being experienced in Canada, plans are underway for a field program to commence in early spring. The upcoming fieldwork will focus on follow-up investigations on the targets identified from the MMI soils program, with the primary objective of uncovering new spodumene-bearing pegmatites as well as identifying optimal drill pad locations for a future drill program.

Critical Resources Managing Director, Alex Cheeseman said:

"These encouraging results reinforce our view of the exceptional exploration potential of the Northern Prospects and support the emerging district-scale lithium potential at Mavis Lake.

"The use of MMI sampling to detect relatively low levels of mineralisation (ppb) was deliberately chosen due to the known thick, clay-overburden surrounding the Tot outcrop. The correlation of high lithium, caesium and rubidium concentrations, from soils originating from the Tot outcrop, provides high confidence that the system extends under cover.

"We believe that ongoing systematic exploration and ultimately future drill testing of the Northern Prospects holds significant promise for expanding the resource base of the Mavis Lake Project.

"Given that we have an 8km long LCT pegmatite trend to explore, ongoing work will continue to build confidence in future drill targets, allowing the Company to invest in targeted drilling programs that will continue to achieve highly capital efficient resource growth.



"We are currently busy planning our spring/summertime exploration programs, with a focus on prospecting adjacent to the Main Zone and the center-belt of the Mavis Lake Project Area. We expect to further build-out the exploration and resource growth pipeline at Mavis Lake that we believe will firmly cement Mavis Lake as a major deposit within the region."

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

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ABOUT CRITICAL RESOURCES LIMITED Critical Resources is focused on the exploration, development and delivery of the critical metals required for a decarbonized future, underpinned by a portfolio of lithium projects in Ontario, Canada which are ideally positioned to participate in the rapidly growing North American battery materials supply chain.

The Company's principal focus is on its flagship Mavis Lake Lithium Project in Ontario, Canada, where it has completed over 45,000m of drilling and defined a maiden Inferred Mineral Resource of 8Mt grading 1.07% Li₂O. Recent exploration success has demonstrated substantial potential to expand this resource and make new discoveries in the surrounding area. Critical is progressing a dual-track strategy at Mavis Lake of targeting resource growth in parallel with multiple permitting and project development workstreams.

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 mineralization 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.

COMPLIANCE STATEMENT This document contains information on the Mavis Lake Lithium Project extracted from ASX market announcements dated 20 December 2022 and 17 July 2023, reported in accordance with the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (2012 JORC Code) and available for viewing at <https://www.criticalresources.com.au/>. The Company confirms that it is not aware of any new information or data that materially affects the information included in any original ASX market announcement.

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Appendix 1 – MMI Soil Results

Sample ID	Easting	Northing	Cs (ppb)	Li (ppb)	Rb (ppb)
349834	541008	5532246	0.5	1	14
349835	541035	5532154	0.7	1	9
349836	541062	5532060	0.5	1	14
349837	541085	5531964	1.5	1	21
349838	541115	5531871	0.3	2	7
349839	541153	5531776	0.2	60	49
349840	541173	5531681	0.2	41	43
349841	541215	5531579	0.2	65	43
349842	541232	5531486	0.2	60	8
349843	541254	5531393	0.2	3	4
349844	541323	5531178	0.2	16	79
349845	541362	5531110	0.2	55	7
349661	540906	5532245	0.6	1	9
349662	540941	5532135	1.3	1	26
349663	540957	5532038	0.5	1	10
349664	540990	5531946	1.2	1	20
349665	541023	5531837	0.9	5	12
349666	541059	5531748	0.2	69	25
349667	541077	5531641	0.2	50	36
349668	541119	5531561	6.1	34	311
349669	541138	5531447	0.2	110	34
349670	541170	5531368	0.2	8	10
349671	541190	5531277	0.2	27	4
349672	541233	5531169	0.2	103	64
349673	541259	5531094	0.2	82	39
349729	541102	5532279	0.3	1	2
349730	541130	5532186	0.5	1	7
349731	541152	5532084	0.5	1	10
349732	541187	5531996	2	1	29
349733	541204	5531899	0.6	4	10
349734	541239	5531799	0.2	57	32
349735	541275	5531709	0.2	37	57
349736	541297	5531601	0.2	45	62
349737	541329	5531520	0.2	68	56
349738	541364	5531417	0.2	3	4
349739	541384	5531324	0.2	37	5
349740	541425	5531185	0.2	13	64
349741	541449	5531140	0.2	34	81
349785	540789	5532204	0.9	1	12
349786	540845	5532099	1.1	2	27
349787	540874	5532003	0.7	2	19
349788	540902	5531914	0.2	1	9
349789	540927	5531807	0.2	2	5
349790	540958	5531715	0.2	72	42
349791	540972	5531619	0.2	47	67
349792	541024	5531519	3.5	24	369

Sample ID	Easting	Northing	Cs (ppb)	Li (ppb)	Rb (ppb)
349797	541144	5531078	2.2	10	302
349703	540617	5532142	0.2	2	12
349704	540645	5532046	0.2	1	5
349705	540680	5531948	0.6	1	9
349706	540705	5531852	0.4	1	6
349707	540735	5531761	0.6	4	9
349708	540773	5531650	0.2	27	9
349709	540791	5531579	1.1	8	145
349710	540830	5531464	0.2	44	72
349711	540856	5531371	0.2	151	9
349712	540876	5531283	0.2	101	5
349713	540914	5531180	0.2	121	25
349714	540942	5531092	0.2	81	27
349715	540968	5530996	0.2	101	43
349716	541061	5531027	0.2	100	40
349717	541046	5531116	0.2	68	40
349718	541007	5531221	0.2	21	24
349719	540981	5531333	0.2	85	6
349720	540944	5531402	0.2	156	8
349721	540923	5531486	0.2	79	26
349722	540888	5531591	0.3	52	55
349723	540870	5531681	0.2	155	29
349724	540840	5531777	0.3	2	9
349725	540803	5531876	1	1	20
349726	540777	5531969	0.9	1	21
349727	540745	5532066	0.4	1	4
349728	540714	5532171	1.2	2	12
349808	540432	5532074	0.2	2	8
349809	540455	5531976	1.3	1	10
349810	540477	5531887	0.4	1	7
349811	540528	5531789	0.5	2	9
349812	540548	5531697	0.2	2	10
349813	540570	5531607	0.2	117	31
349814	540604	5531508	31.4	33	205
349815	540639	5531412	0.2	55	49
349816	540652	5531310	0.6	11	21
349817	540689	5531217	0.2	9	13
349818	540717	5531122	0.2	54	28
349819	540749	5531028	0.2	114	35
349820	540770	5530926	0.2	66	24
349821	540878	5530953	0.2	64	22
349822	540832	5531057	0.2	63	20
349823	540808	5531162	0.2	40	13
349824	540787	5531256	0.3	19	68
349825	540760	5531336	0.2	119	3
349826	540727	5531433	0.2	28	74



Sample ID	Easting	Northing	Cs (ppb)	Li (ppb)	Rb (ppb)
349793	541029	5531426	0.2	27	31
349794	541069	5531336	0.2	72	16
349795	541102	5531247	0.2	34	24
349796	541131	5531158	0.2	39	47
349831	540585	5531916	0.3	1	2
349832	540557	5532013	0.4	1	7
349833	540526	5532108	0.2	2	9
349759	540033	5531949	0.5	1	6
349760	540069	5531861	0.4	2	6
349761	540101	5531759	0.4	1	5
349762	540135	5531687	0.2	1	2
349763	540157	5531587	0.2	1	3
349764	540185	5531478	0.3	2	5
349765	540211	5531388	0.2	13	81
349766	540249	5531298	0.2	55	52
349767	540271	5531189	0.2	5	5
349768	540306	5531098	0.2	2	8
349769	540335	5531003	0.2	7	14
349770	540353	5530913	1.3	9	31
349771	540381	5530824	0.2	3	6
349772	540491	5530835	1.2	63	53
349773	540449	5530942	0.4	4	14
349774	540420	5531041	0.5	11	21
349775	540402	5531136	0.3	3	9
349776	540366	5531245	0.2	3	5
349777	540353	5531315	0.2	23	45
349778	540315	5531420	0.2	39	39
349779	540278	5531498	1	44	75
349780	540260	5531609	0.2	3	6
349781	540232	5531695	0.5	3	8
349782	540196	5531804	1.3	2	25
349783	540170	5531881	0.2	2	7
349784	540142	5531988	0.3	2	6
349635	540242	5532022	0.7	1	16
349636	540269	5531928	0.6	1	13
349637	540287	5531834	0.2	1	4
349638	540327	5531731	0.2	1	3
349639	540350	5531638	0.2	1	3
349640	540376	5531553	0.2	38	59
349641	540406	5531444	0.2	82	37
349642	540441	5531355	0.2	53	78
349643	540472	5531250	0.3	4	8
349644	540496	5531168	0.2	3	9
349645	540537	5531059	0.9	8	44
349646	540564	5530976	0.2	2	10
349647	540591	5530880	0.2	47	3
349648	540689	5530897	0.2	100	23
349649	540658	5530998	0.2	63	21

Sample ID	Easting	Northing	Cs (ppb)	Li (ppb)	Rb (ppb)
349827	540708	5531529	0.2	62	83
349828	540675	5531634	0.2	46	21
349829	540637	5531731	1.1	10	28
349830	540620	5531830	0.2	1	6
349656	540455	5531671	0.3	3	8
349657	540426	5531773	0.5	2	2
349658	540386	5531858	0.5	1	21
349659	540366	5531951	0.3	1	5
349660	540337	5532051	0.7	2	10
349583	539567	5531828	0.7	5	10
349584	539597	5531729	1.2	4	11
349585	539628	5531625	0.4	1	8
349586	539663	5531527	0.2	1	4
349587	539684	5531440	0.2	153	17
349588	539708	5531336	0.2	19	68
349589	539735	5531239	0.2	38	71
349590	539766	5531140	0.2	59	54
349591	539795	5531052	0.2	23	49
349592	539820	5530956	0.2	73	25
349593	539853	5530863	0.2	3	8
349594	539891	5530763	0.3	4	13
349595	539905	5530652	0.2	90	29
349596	539957	5530674	0.2	134	30
349597	539928	5530782	0.2	3	9
349598	539905	5530873	0.2	2	10
349599	539882	5530970	0.2	92	62
349600	539852	5531075	0.2	49	16
349751	539820	5531169	0.2	22	63
349752	539791	5531274	0.4	36	48
349753	539757	5531376	0.2	46	36
349754	539731	5531466	0.2	161	18
349755	539696	5531543	0.4	3	10
349756	539678	5531631	1.1	3	13
349757	539640	5531724	0.9	2	7
349758	539616	5531824	0.6	1	3
349932	539759	5531874	3.3	5	13
349933	539790	5531788	0.4	2	4
349934	539818	5531685	0.3	2	4
349935	539845	5531595	0.4	2	6
349936	539887	5531488	0.2	93	43
349937	539899	5531403	0.2	20	47
349938	539937	5531295	21.6	9	100
349939	539965	5531206	0.8	10	217
349940	539989	5531110	0.2	29	37
349941	540021	5531017	0.6	4	12
349942	540052	5530912	0.2	2	11
349943	540082	5530817	0.2	2	4
349944	540102	5530740	0.3	2	6



Sample ID	Easting	Northing	Cs (ppb)	Li (ppb)	Rb (ppb)
349650	540618	5531095	0.6	6	15
349651	540599	5531204	0.4	4	48
349652	540570	5531283	0.4	18	42
349653	540533	5531371	0.2	41	98
349654	540478	5531506	56.2	8	168
349655	540479	5531582	0.3	48	37
349801	539987	5531324	0.5	2	41
349802	539948	5531417	0.2	181	66
349803	539922	5531514	0.2	3	8
349804	539893	5531605	0.5	1	7
349805	539864	5531699	0.8	1	15
349806	539841	5531800	0.2	1	5
349807	539808	5531885	0.5	1	10
349527	539847	5531903	0.8	2	7
349528	539880	5531814	0.6	1	10
349529	539912	5531718	0.8	1	15
349530	539940	5531620	0.4	1	8
349531	539979	5531522	0.4	2	3
349532	540002	5531424	0.2	199	10
349533	540034	5531340	0.5	45	66
349534	540047	5531237	0.2	15	55
349535	540090	5531141	0.2	2	4
349536	540118	5531045	0.2	2	4
349537	540142	5530955	0.2	1	8
349538	540171	5530858	0.6	2	8
349539	540207	5530754	0.3	60	18
349540	540304	5530791	0.2	9	15
349541	540270	5530889	0.2	1	4
349542	540242	5530980	1.3	10	26
349543	540218	5531071	0.2	1	6
349544	540179	5531176	0.4	3	6
349545	540160	5531273	0.4	32	45
349545	540134	5531360	0.4	32	45
349547	540106	5531440	0.2	136	43
349548	540071	5531555	0.3	3	8
349549	540036	5531643	0.2	1	3
349550	540012	5531746	0.9	1	12
349701	539977	5531833	1	1	14
349702	539957	5531929	0.2	1	4
349609	539660	5531859	0.4	2	3
349610	539691	5531758	1.6	2	5
349611	539722	5531666	0.2	1	2
349612	539755	5531563	0.6	2	7
349613	539777	5531469	0.2	92	32
349614	539804	5531380	0.2	46	51

Sample ID	Easting	Northing	Cs (ppb)	Li (ppb)	Rb (ppb)
349945	540153	5530739	0.5	4	13
349946	540133	5530848	0.5	2	9
349947	540103	5530934	0.2	2	5
349948	540070	5531047	0.2	2	7
349949	540036	5531121	0.2	45	28
349950	540006	5531223	0.5	3	67
349626	539929	5531095	0.2	82	61
349627	539914	5531196	0.2	72	23
349628	539891	5531289	0.2	28	46
349629	539858	5531396	0.2	37	38
349630	539830	5531477	0.2	53	23
349631	539808	5531572	0.2	1	9
349632	539777	5531665	1.2	1	17
349633	539745	5531759	0.7	2	2
349634	539709	5531862	0.7	3	10
349983	539449	5531154	0.5	14	114
349984	539422	5531252	0.4	6	44
349985	539401	5531346	0.2	58	28
349986	539366	5531444	0.3	4	12
349987	539334	5531539	0.4	2	7
349988	539311	5531637	0.6	4	11
349989	539284	5531735	0.4	2	3
349996	539333	5531755	0.2	2	5
349997	539368	5531651	0.5	2	10
349998	539390	5531571	0.6	1	12
349999	539419	5531477	0.6	2	5
350000	539455	5531366	0.4	47	54
349601	539474	5531260	0.2	41	63
349602	539504	5531180	0.2	33	29
349603	539538	5531069	0.2	68	31
349604	539572	5530980	0.2	73	39
349605	539593	5530890	0.2	3	4
349606	539626	5530795	0.4	4	14
349607	539649	5530708	0.3	3	8
349608	539677	5530596	0.2	71	24
349995	539633	5530574	0.2	12	70
349994	539604	5530676	0.2	128	6
349993	539578	5530783	0.3	3	11
349992	539556	5530875	0.2	4	5
349991	539513	5530966	0.2	93	34
349990	539498	5531058	0.2	36	28
349906	539542	5531184	0.2	57	62
349907	539515	5531287	0.2	7	122
349908	539491	5531379	0.2	15	114
349909	539467	5531475	0.2	1	8



Sample ID	Easting	Northing	Cs (ppb)	Li (ppb)	Rb (ppb)
349615	539844	5531282	0.2	36	44
349616	539866	5531179	0.2	84	30
349617	539891	5531087	0.2	36	44
349618	539925	5531001	0.2	56	43
349619	539954	5530891	0.2	3	8
349620	539987	5530797	0.2	2	8
349621	540015	5530678	0.2	97	38
349622	540055	5530707	1.2	16	22
349623	540041	5530797	0.2	2	9
349624	540002	5530903	0.2	2	9
349625	539974	5531004	0.2	137	13
349921	539663	5531005	0.2	83	24
349922	539684	5530909	0.2	66	6
349923	539715	5530814	0.2	4	4
349924	539742	5530730	0.3	5	9
349925	539766	5530638	0.2	13	24
349926	539719	5530617	0.2	117	29
349927	539693	5530710	0.2	3	6
349928	539667	5530823	0.2	2	6
349929	539644	5530896	0.2	43	4
349930	539614	5531002	0.2	98	44
349931	539594	5531093	0.2	66	15
349501	539613	5531311	0.4	16	39
349502	539585	5531401	0.2	113	74
349503	539565	5531496	0.7	1	6
349504	539529	5531591	0.3	2	7
349505	539496	5531689	0.5	1	7
349506	539473	5531791	0.3	3	11
349507	539519	5531806	0.2	2	9
349508	539550	5531713	0.6	1	4
349509	539581	5531613	0.5	2	11
349510	539603	5531527	0.3	1	7
349511	539637	5531419	0.2	238	97
349512	539658	5531338	11.6	7	153
349513	539695	5531221	0.2	34	42
349514	539718	5531135	0.2	63	42
349515	539758	5531038	0.2	20	69
349516	539789	5530954	0.2	89	41
349517	539821	5530851	0.2	2	5
349518	539843	5530756	0.6	4	18
349519	539880	5530657	0.2	83	49
349520	539818	5530655	0.2	58	48
349521	539781	5530732	0.8	9	20
349522	539764	5530830	0.2	2	12
349523	539735	5530927	0.2	45	17
349524	539698	5531019	0.2	48	14

Sample ID	Easting	Northing	Cs (ppb)	Li (ppb)	Rb (ppb)
349910	539428	5531568	0.3	2	6
349911	539418	5531665	0.3	1	7
349912	539375	5531759	0.3	3	10
349913	539422	5531774	0.3	7	20
349914	539451	5531686	0.4	2	6
349915	539492	5531581	0.5	1	8
349916	539521	5531484	0.2	1	8
349917	539545	5531388	0.2	35	47
349918	539566	5531298	3.3	3	90
349919	539597	5531188	26.3	5	85
349920	539624	5531097	0.3	65	56
349570	539363	5531218	14.2	21	210
349571	539405	5531155	0.4	47	42
349572	539434	5531064	0.2	73	14
349573	539462	5530926	0.2	49	13
349574	539485	5530850	0.2	3	7
349575	539512	5530757	0.4	4	10
349576	539548	5530675	0.2	158	16
349577	539579	5530555	0.2	62	41
349578	539528	5530551	0.2	68	15
349579	539510	5530641	0.2	140	26
349580	539479	5530731	0.2	12	7
349581	539446	5530836	0.2	5	7
349582	539406	5530958	0.2	130	15
348080	539387	5530515	0.2	76	47
348081	539355	5530620	3	6	116
348082	539332	5530706	0.2	114	12
348083	539305	5530804	0.2	98	34
348084	539265	5530893	0.2	75	36
348085	539245	5530989	0.2	32	58
348086	539217	5531098	0.2	27	27
348087	539185	5531182	0.2	180	41
348088	539155	5531280	0.2	25	26
348089	539123	5531379	0.2	3	7
348090	539100	5531472	0.2	2	7
348091	539080	5531566	0.2	11	112
348092	539042	5531671	0.2	33	16
348093	539070	5531660	0.2	5	16
348094	539092	5531571	0.2	85	51
348095	539126	5531468	0.2	2	7
348096	539158	5531374	0.4	6	20
348097	539186	5531283	0.2	30	21
348098	539220	5531180	0.2	135	38
348099	539250	5531087	0.2	42	62
348100	539275	5530993	0.2	51	33
349901	539297	5530907	0.2	59	38



Sample ID	Easting	Northing	Cs (ppb)	Li (ppb)	Rb (ppb)
349525	539679	5531122	0.2	112	55
349526	539647	5531209	19.7	22	158
349557	539384	5531025	0.2	46	13
349558	539346	5531137	0.2	24	38
349559	539335	5531217	0.3	50	96
349560	539298	5531336	0.2	80	41
349561	539266	5531415	0.2	170	41
349562	539245	5531501	0.2	3	8
349563	539214	5531601	0.2	2	5
349564	539179	5531695	1	2	5
349565	539239	5531723	1.4	2	7
349566	539263	5531617	0.3	2	4
349567	539289	5531522	0.2	3	6
349568	539318	5531417	0.2	166	71
349569	539354	5531335	0.2	39	40
349968	539027	5531546	0.2	90	39
349969	538995	5531634	0.2	31	64
349970	539023	5531644	0.2	42	54
349971	539053	5531550	0.2	29	41
349972	539083	5531461	0.2	2	9
349973	539104	5531379	0.6	3	12
349974	539135	5531273	0.2	45	13
349975	539161	5531176	0.2	25	19
349976	539194	5531078	0.2	45	32
349977	539220	5530985	0.2	26	32
349978	539243	5530890	0.2	80	19
349979	539292	5530784	0.2	81	41
349980	539308	5530695	0.2	31	48
349981	539345	5530595	0.2	45	29
349982	539363	5530511	0.2	59	43
348025	539436	5530519	0.2	42	25
348026	539404	5530623	0.2	111	38
348027	539378	5530711	0.2	101	33
348028	539356	5530818	0.2	10	36
348029	539327	5530907	0.2	19	48
348030	539289	5531002	0.2	34	55
348031	539265	5531097	0.2	28	63
348032	539229	5531196	0.2	30	28
348033	539202	5531292	0.2	45	5
348034	539180	5531386	0.3	7	10
348035	539152	5531483	0.2	2	7
348036	539117	5531578	0.2	125	20
348037	539086	5531684	0.2	3	6
348038	539144	5531706	0.3	2	5
348039	539162	5531599	0.3	4	11
348040	539205	5531501	0.2	2	3
348041	539225	5531404	0.8	37	35

Sample ID	Easting	Northing	Cs (ppb)	Li (ppb)	Rb (ppb)
349902	539332	5530803	0.2	118	6
349903	539369	5530701	0.2	131	25
349904	539390	5530613	0.2	62	83
349905	539418	5530518	0.2	51	34
349957	539344	5530506	0.2	66	32
349958	539308	5530597	0.2	36	53
349959	539279	5530691	0.2	59	59
349960	539249	5530783	0.9	7	209
349961	539223	5530882	0.2	70	18
349962	539184	5530975	0.2	62	39
349963	539162	5531078	0.3	24	91
349964	539137	5531174	0.2	48	36
349965	539096	5531269	0.2	91	6
349966	539079	5531346	2	26	66
349967	539047	5531447	0.3	4	12
346890	539030	5531352	0.2	105	29
346891	539004	5531442	0.3	17	31
346892	538970	5531539	0.2	72	41
346893	538941	5531636	0.2	53	70
346894	538969	5531636	0.2	182	57
346895	539013	5531539	0.2	110	51
346896	539020	5531452	0.2	3	12
346897	539048	5531341	0.2	142	16
346898	539092	5531253	0.2	49	18
346899	539121	5531154	0.2	24	37
346900	539145	5531068	0.2	40	43
349551	539178	5530960	0.2	25	39
349552	539203	5530871	0.2	61	68
349553	539228	5530774	0.3	47	50
349554	539262	5530672	0.2	40	66
349555	539298	5530575	0.4	51	60
349556	539317	5530492	0.4	49	79
346949	539244	5530472	0.3	67	61
346950	539213	5530566	0.2	28	52
348001	539182	5530666	0.2	59	44
348002	539150	5530765	0.2	16	40
348003	539134	5530854	0.2	33	33
348004	539106	5530948	0.2	21	54
348005	539066	5531041	0.2	15	67
348006	539041	5531147	0.2	29	8
348007	539004	5531237	0.2	99	5
348008	538985	5531330	0.2	91	18
348009	538954	5531421	0.2	33	14
348010	538928	5531530	0.2	50	49
348011	538896	5531610	0.2	85	43
348012	538924	5531615	0.2	29	84
348013	538961	5531530	0.2	88	47



Sample ID	Easting	Northing	Cs (ppb)	Li (ppb)	Rb (ppb)
348042	539270	5531308	0.2	66	8
348043	539292	5531205	0.2	40	45
348044	539309	5531120	0.2	7	99
348045	539347	5531013	0.2	38	46
348046	539368	5530929	0.2	185	33
348047	539400	5530825	0.2	25	9
348048	539431	5530738	0.4	10	12
348049	539460	5530649	0.2	101	6
348050	539478	5530534	0.2	44	23
346881	539292	5530470	0.3	23	96
346882	539258	5530570	0.2	82	66
346883	539233	5530673	0.2	25	60
346884	539206	5530776	0.3	51	71
346885	539181	5530872	0.2	105	42
346886	539146	5530957	0.2	29	44
346887	539123	5531064	0.2	33	6
346888	539090	5531160	0.2	34	22
346889	539067	5531257	0.2	88	5
348061	538989	5531132	0.2	68	56
348062	538962	5531229	0.2	49	14
348063	538932	5531314	0.2	100	7
348064	538907	5531421	0.2	132	33
348065	538879	5531498	0.2	33	61
348066	538850	5531612	0.2	49	56
348067	538875	5531614	0.2	85	54
348068	538908	5531507	0.2	40	50
348069	538931	5531416	0.2	86	30
348070	538965	5531323	0.2	68	4
348071	538995	5531223	0.4	45	40
348072	539022	5531127	0.2	103	23
348073	539050	5531043	0.2	56	60
348074	539078	5530940	0.2	36	46
348075	539108	5530847	0.2	136	22
348076	539134	5530741	0.2	67	18
348077	539165	5530650	0.2	92	63
348078	539199	5530553	0.2	33	47
348079	539237	5530458	0.2	44	45
346981	539155	5530439	0.2	16	115
346982	539121	5530527	0.2	49	22
346983	539087	5530633	0.4	75	50
346984	539069	5530733	0.2	131	36
346985	539031	5530822	0.2	40	19
346986	538998	5530911	0.2	94	42
346987	538979	5531011	0.2	24	19
346988	538948	5531121	0.2	141	76
346989	538916	5531215	0.2	64	25
346990	538895	5531305	0.8	55	74

Sample ID	Easting	Northing	Cs (ppb)	Li (ppb)	Rb (ppb)
348014	538986	5531446	16.1	156	284
348015	539015	5531338	0.2	36	43
348016	539036	5531249	0.2	118	7
348017	539059	5531152	0.2	41	39
348018	539093	5531062	0.2	39	14
348019	539125	5530956	0.2	63	46
348020	539160	5530864	0.2	83	10
348021	539183	5530769	0.2	56	44
348022	539198	5530671	0.2	55	42
348023	539241	5530572	0.2	81	66
348024	539273	5530474	0.2	70	56
348054	539191	5530453	0.2	9	102
348055	539163	5530574	0.2	30	63
348056	539140	5530653	0.2	56	44
348057	539099	5530752	0.2	102	56
348058	539081	5530844	0.2	89	10
348059	539044	5530925	0.2	79	40
348060	539025	5531031	0.2	64	64
346812	536915	5530918	0.2	85	20
346813	536890	5531012	0.2	36	14
346814	536982	5531038	0.2	92	12
346815	537012	5530930	0.2	72	12
346816	537043	5530847	0.2	37	35
346817	537072	5530744	0.2	62	32
346818	537100	5530659	0.2	127	29
346819	537136	5530542	0.2	204	42
346820	537160	5530465	0.2	4	5
346821	537203	5530369	0.2	77	26
346822	537214	5530269	0.2	62	20
346823	537248	5530181	0.2	75	19
346824	537271	5530170	0.2	28	23
346825	537299	5530037	0.2	24	23
346826	537347	5530015	0.2	29	10
346674	537412	5529918	0.2	112	19
346675	537400	5530014	0.2	85	10
346676	537368	5530117	0.2	93	24
346677	537334	5530226	0.2	83	59
346678	537309	5530310	0.2	89	27
346679	537284	5530396	0.2	213	21
346680	537259	5530494	0.2	132	8
346681	537220	5530591	0.2	99	45
346682	537194	5530681	0.2	97	16
346683	537167	5530787	0.2	106	46
346684	537142	5530879	0.2	63	28
346685	537113	5530972	0.2	103	36
346686	537080	5531082	0.2	80	59
346687	537183	5531086	0.2	29	34



Sample ID	Easting	Northing	Cs (ppb)	Li (ppb)	Rb (ppb)
346991	538862	5531404	0.2	29	16
346992	538828	5531493	0.2	88	24
346993	538810	5531586	0.2	88	57
346994	538819	5531587	0.2	29	57
346995	538852	5531495	0.2	55	55
346996	538884	5531396	0.2	114	15
346997	538920	5531314	0.2	80	22
346998	538940	5531214	0.2	14	13
346999	538975	5531118	0.2	101	38
347000	539012	5531014	0.2	38	26
349951	539032	5530922	0.2	60	37
349952	539050	5530840	0.2	22	36
349953	539088	5530744	0.2	137	61
349954	539122	5530633	0.2	59	27
349955	539144	5530544	0.2	28	85
349956	539176	5530440	0.2	45	43
346855	539119	5530413	0.2	57	44
346856	539064	5530536	0.2	23	52
346857	539042	5530619	0.2	85	37
346858	539003	5530713	0.2	158	27
346859	538983	5530821	0.2	61	57
346860	538948	5530909	0.5	23	60
346861	538922	5531015	0.2	54	33
346862	538902	5531096	0.2	25	42
346863	538877	5531188	0.2	44	22
346864	538845	5531293	0.2	5	5
346865	538813	5531382	0.4	4	18
346866	538791	5531469	0.2	41	32
346867	538750	5531556	0.4	28	74
346868	538769	5531576	0.2	45	45
346869	538809	5531477	0.2	35	36
346870	538844	5531396	0.2	47	14
346871	538864	5531283	0.2	2	4
346872	538897	5531189	0.2	82	20
346873	538929	5531096	0.2	27	31
346874	538948	5531005	0.4	26	52
346875	538991	5530915	0.2	31	29
346876	539031	5530800	0.2	19	39
346877	539042	5530699	0.2	201	17
346878	539074	5530616	0.2	44	41
346879	539105	5530521	0.2	72	22
346880	539144	5530432	0.2	31	90
346955	538956	5530375	0.2	8	7
346956	538920	5530481	0.2	91	40
346957	538893	5530563	0.2	143	28
346958	538872	5530672	1.6	10	25
346959	538834	5530768	0.3	49	63

Sample ID	Easting	Northing	Cs (ppb)	Li (ppb)	Rb (ppb)
346688	537207	5531002	0.2	112	20
346689	537236	5530913	0.3	109	61
346690	537258	5530829	0.4	69	55
346691	537292	5530722	0.2	95	30
346692	537298	5530600	0.2	120	22
346693	537357	5530536	0.2	35	36
346694	537372	5530415	0.2	91	26
346695	537412	5530338	0.2	90	44
346696	537439	5530227	0.2	77	21
346697	537477	5530131	0.2	113	32
346698	537497	5530038	0.2	58	6
346699	537529	5529926	0.2	105	9
342699	536895	5529808	0.2	93	26
342700	536803	5529806	0.2	132	34
346751	536797	5529934	0.2	52	20
346752	536762	5530043	0.2	55	9
346753	536736	5530125	0.2	51	22
346754	536711	5530226	0.2	108	18
346755	536662	5530303	0.2	214	56
346756	536647	5530415	0.2	49	20
346757	536634	5530532	0.2	9	4
346926	538962	5530684	0.2	197	2
346927	538953	5530808	0.2	92	37
346928	538911	5530915	0.2	50	42
346929	538880	5530977	0.2	18	86
346930	538851	5531068	0.2	132	69
346931	538816	5531188	0.2	177	30
346932	538797	5531275	0.2	162	15
346933	538768	5531363	0.2	75	6
346934	538743	5531461	0.2	94	6
346935	538719	5531554	16.1	16	124
346936	538735	5531559	0.3	36	53
346937	538761	5531468	0.2	81	18
346938	538791	5531384	0.2	62	13
346939	538823	5531268	0.7	66	30
346940	538850	5531183	0.2	175	6
346941	538883	5531089	0.3	18	127
346942	538911	5530995	0.2	54	37
346943	538935	5530902	0.4	73	46
346943	538969	5530797	0.4	73	46
346944	538994	5530693	0.4	48	45
346945	539023	5530622	0.2	249	30
346946	539046	5530511	0.2	67	30
346948	539083	5530418	0.2	95	42
342929	538915	5530367	0.2	24	29
342930	538883	5530448	0.2	68	27
342931	538847	5530569	0.2	81	5



Sample ID	Easting	Northing	Cs (ppb)	Li (ppb)	Rb (ppb)
346960	538827	5530858	0.3	16	56
346961	538784	5530978	0.7	44	59
346962	538750	5531051	101	14	117
346963	538730	5531126	0.6	49	89
346964	538697	5531242	0.2	31	37
346965	538687	5531334	0.3	8	19
346966	538642	5531434	0.2	265	56
346967	538602	5531559	0.5	21	161
346968	538624	5531510	26.5	14	132
346969	538662	5531441	0.2	100	3
346970	538699	5531354	0.2	39	23
346971	538730	5531251	0.2	47	20
346972	538759	5531149	0.3	55	73
346973	538773	5531048	0.4	65	40
346974	538811	5530965	0.3	10	121
346975	538842	5530874	0.3	46	44
346976	538868	5530781	0.2	139	10
346977	538902	5530677	1.8	13	37
346978	538936	5530583	0.2	203	46
346979	538961	5530487	0.2	135	34
346980	538987	5530398	0.2	29	12
346923	539053	5530409	0.2	120	28
346924	539026	5530497	0.2	69	28
346925	539001	5530587	0.2	22	34
342979	538967	5530492	0.2	143	49
342980	538946	5530600	0.2	218	62
342981	538921	5530689	0.2	66	11
342982	538897	5530780	0.2	137	29
342983	538861	5530892	0.2	133	59
342984	538831	5530972	0.5	36	48
342985	538792	5531067	0.8	19	95
342986	538777	5531162	0.2	21	100
342987	538742	5531253	0.2	64	16
342988	538719	5531357	0.2	74	46
342989	538692	5531460	0.2	193	79
342990	538651	5531572	12.9	45	322
342991	538692	5531571	0.9	22	66
342992	538723	5531435	0.2	78	16
342993	538740	5531358	1	31	61
342994	538772	5531271	0.2	117	14
342995	538802	5531165	0.3	200	66
342996	538829	5531068	0.8	19	277
342997	538861	5530972	0.4	75	53
342998	538891	5530888	0.5	33	62
342999	538915	5530791	0.2	66	72
343000	538947	5530694	0.3	107	30
348051	538983	5530590	0.2	101	30

Sample ID	Easting	Northing	Cs (ppb)	Li (ppb)	Rb (ppb)
342932	538821	5530650	2	13	36
342933	538791	5530772	0.2	65	33
342934	538765	5530859	1.7	8	101
342935	538725	5530961	132	28	125
342936	538705	5531055	106	2	103
342937	538677	5531140	0.4	19	104
342938	538649	5531239	0.2	39	40
342939	538621	5531326	0.2	24	12
342940	538594	5531440	0.2	69	48
342941	538557	5531514	0.3	103	54
342942	538591	5531522	4.8	7	397
342943	538623	5531419	0.2	99	60
342944	538645	5531330	0.2	30	8
342945	538677	5531225	0.2	45	48
342946	538712	5531132	0.3	22	119
342947	538744	5531035	2	56	60
342948	538760	5530947	8.6	5	100
342949	538800	5530844	0.6	11	58
342950	538831	5530733	0.2	112	28
346851	538849	5530662	1.4	8	25
346852	538891	5530551	0.3	209	84
346853	538894	5530466	0.4	8	131
346854	538931	5530374	0.2	44	11
342978	539011	5530400	0.2	66	9
346954	538795	5530338	0.3	76	33
342952	538809	5530337	0.3	87	50
342953	538784	5530437	0.2	14	43
342954	538753	5530535	0.2	67	14
342955	538727	5530629	0.4	8	12
342956	538694	5530723	0.2	40	12
342957	538666	5530818	0.5	29	105
342957	538641	5530911	0.5	29	105
342959	538610	5531005	3.8	7	200
342960	538579	5531113	0.5	34	96
342961	538545	5531200	0.2	29	49
342962	538522	5531299	0.2	59	19
342963	538489	5531390	0.2	46	33
342964	538470	5531495	0.3	65	76
342965	538491	5531495	13.7	15	199
342966	538525	5531402	0.3	43	46
342967	538552	5531302	0.6	27	17
342968	538581	5531213	0.2	62	11
342969	538607	5531101	0.7	25	83
342970	538632	5531021	2.6	9	177
342971	538670	5530906	97.6	20	92
342972	538698	5530825	0.3	16	81
342973	538727	5530721	0.2	17	31



Sample ID	Easting	Northing	Cs (ppb)	Li (ppb)	Rb (ppb)
348052	539004	5530502	0.2	41	24
348053	539039	5530403	0.2	150	29
342829	538764	5530329	0.2	66	30
342830	538740	5530417	0.2	125	27
342831	538705	5530521	0.2	9	10
342832	538678	5530613	1.1	6	29
342833	538646	5530721	0.2	81	48
342834	538623	5530793	40	6	101
342835	538592	5530886	85.6	10	76
342836	538567	5530989	0.3	61	31
342837	538541	5531085	0.4	50	73
342838	538509	5531187	0.2	37	84
342839	538475	5531280	0.3	17	67
342840	538448	5531386	0.4	52	107
342841	538428	5531489	0.4	11	80
342842	538459	5531466	8.8	8	132
342843	538469	5531370	0.3	139	112
342844	538496	5531282	0.5	14	47
342845	538529	5531185	0.2	43	33
342846	538559	5531084	0.4	60	66
342847	538603	5531004	0.5	49	83
342848	538631	5530891	13.6	3	40
342849	538659	5530803	0.5	94	53
342850	538676	5530707	0.2	17	17
346951	538706	5530618	0.7	5	19
346952	538747	5530519	0.6	16	99
346953	538765	5530430	0.2	45	69
342822	538260	5530804	10.3	9	203
342823	538292	5530697	0.2	27	13
342824	538321	5530622	0.2	26	25
342825	538344	5530518	0.3	3	11
342826	538373	5530422	0.2	61	34
342827	538407	5530310	0.2	114	11
342828	538427	5530221	0.3	35	50
342871	538576	5530262	0.2	249	54
342872	538551	5530348	0.4	58	48
342873	538515	5530423	0.2	135	27
342874	538488	5530554	0.2	3	15
342875	538458	5530662	0.2	103	122
342876	538418	5530736	0.3	56	55
342877	538384	5530883	79.4	6	171
342878	538361	5530950	0.9	16	70
342879	538330	5531023	0.3	45	45
342880	538324	5531123	0.2	32	14
342881	538295	5531208	0.2	183	36
342882	538252	5531328	0.3	104	57
342883	538214	5531424	0.4	67	56

Sample ID	Easting	Northing	Cs (ppb)	Li (ppb)	Rb (ppb)
342974	538756	5530627	0.5	5	19
342975	538787	5530536	0.2	37	35
342976	538805	5530439	0.2	85	5
342977	538836	5530345	0.2	95	23
342903	538676	5530280	0.2	78	38
342904	538638	5530390	0.2	53	6
342905	538610	5530488	0.2	52	28
342906	538576	5530579	0.3	4	14
342907	538557	5530677	0.2	89	43
342908	538513	5530783	44.2	17	316
342909	538496	5530871	36.3	7	111
342910	538475	5530966	42.5	25	182
342911	538433	5531059	0.4	35	74
342912	538405	5531155	0.2	38	14
342913	538384	5531252	0.3	50	69
342914	538337	5531353	0.2	36	42
342915	538325	5531445	18.3	14	271
342916	538373	5531454	12.3	13	230
342917	538397	5531348	0.2	28	36
342918	538420	5531272	0.2	14	19
342919	538455	5531176	0.2	113	24
342920	538479	5531077	2.7	7	123
342921	538513	5530980	35.1	7	163
342922	538550	5530858	124	39	232
342923	538572	5530773	0.6	15	88
342924	538611	5530684	0.2	129	37
342925	538628	5530598	0.8	6	24
342768	537667	5530822	0.2	126	11
342769	537689	5530746	0.2	4	4
342770	537735	5530641	0.3	3	6
342771	537765	5530537	0.2	89	30
342772	537792	5530443	0.2	23	15
342773	537830	5530335	0.2	41	27
342774	537855	5530256	0.2	43	30
342775	537891	5530159	0.3	73	57
342776	537919	5530063	0.2	31	62
346700	538094	5530129	0.2	98	4
342701	538066	5530226	0.2	51	2
342702	538033	5530317	0.4	61	50
342703	538002	5530411	0.2	159	25
342704	537979	5530529	0.3	4	5
342705	537949	5530602	0.2	64	10
342706	537924	5530692	0.2	156	8
342707	537900	5530799	0.2	150	6
342708	537857	5530886	0.2	220	44
342709	537832	5530985	0.2	39	41
342710	537803	5531068	19.8	10	245



Sample ID	Easting	Northing	Cs (ppb)	Li (ppb)	Rb (ppb)
342884	538278	5531430	0.2	31	49
342885	538311	5531330	0.2	38	99
342886	538337	5531236	0.2	107	7
342887	538378	5531143	0.2	118	21
342888	538398	5531063	0.4	77	72
342889	538423	5530941	0.6	58	35
342890	538457	5530848	67.8	5	55
342891	538478	5530761	1.1	5	205
342892	538513	5530669	0.2	151	22
342893	538542	5530572	0.3	4	10
342894	538572	5530450	0.2	155	13
342895	538603	5530383	0.2	18	22
342896	538618	5530280	0.2	38	15
342751	537807	5530047	0.2	62	26
342752	537771	5530129	0.2	44	53
342753	537756	5530257	0.2	25	40
342754	537717	5530317	0.2	110	8
342755	537678	5530420	0.2	130	40
342756	537676	5530518	0.3	107	53
342757	537634	5530617	0.3	2	7
342758	537601	5530697	0.3	2	6
342759	537569	5530809	0.4	24	17
342760	537541	5530888	0.2	72	39
342761	537508	5530991	0.2	17	52
342762	537485	5531088	0.2	70	69
342763	537465	5531189	0.2	212	30
342764	537546	5531199	0.2	61	14
342765	537574	5531116	0.2	65	47
342766	537605	5531015	0.3	15	76
342767	537636	5530916	0.2	72	31
346842	537769	5531053	28.4	29	198
346843	537788	5530965	0.2	24	53
346844	537818	5530876	0.4	99	56
346845	537839	5530774	0.2	54	17
346846	537864	5530708	0.3	13	62
346847	537906	5530588	0.2	80	24
346848	537940	5530514	0.3	8	18
346849	537968	5530391	0.3	19	73
346850	537996	5530293	0.2	29	37
342801	538009	5530223	0.6	19	69
342802	538064	5530098	0.2	152	41
346745	538179	5530164	0.2	40	39
346746	538154	5530252	0.2	48	40
346747	538130	5530337	0.2	97	25
346748	538115	5530416	0.2	174	3
346749	538087	5530537	0.4	6	10
346750	538044	5530627	0.2	189	38

Sample ID	Easting	Northing	Cs (ppb)	Li (ppb)	Rb (ppb)
342711	537751	5531189	20.9	33	396
342712	537744	5531298	15.9	33	304
342713	537803	5531265	27.9	51	286
342714	537822	5531224	1.2	68	68
342715	537863	5531077	20.1	14	234
342716	537899	5530998	0.2	111	28
342717	537909	5530893	0.2	99	4
342718	537962	5530805	0.2	172	64
342719	537979	5530710	0.2	87	37
342720	538001	5530609	0.3	19	24
342721	538034	5530507	0.4	36	16
342723	538051	5530414	0.2	81	44
342723	538084	5530325	0.2	81	44
342724	538103	5530234	0.2	79	30
342725	538164	5530134	0.2	68	41
346827	537990	5530098	0.2	72	21
346828	537969	5530187	0.2	41	31
346829	537943	5530285	0.2	19	52
346830	537918	5530389	0.2	103	7
346831	537855	5530463	2.3	19	118
346832	537854	5530564	0.2	60	2
346833	537838	5530711	0.2	6	5
346834	537792	5530761	0.2	121	10
346835	537770	5530856	0.2	55	493
346836	537742	5530955	0.2	84	46
346837	537732	5531053	5.5	8	242
346838	537670	5531145	16	5	189
346839	537641	5531216	0.2	12	65
346840	537694	5531247	0.3	42	80
346841	537728	5531164	5.3	13	128
346732	536793	5530976	0.2	126	30
346733	536828	5530887	0.2	72	34
346734	536843	5530778	0.2	150	37
346735	536873	5530679	0.2	96	45
346736	536916	5530604	0.2	4	10
346737	536944	5530509	0.2	2	7
346738	536965	5530409	0.2	117	10
346739	537002	5530316	0.2	41	28
346740	537023	5530218	0.2	114	22
346741	537060	5530131	0.2	43	10
346742	537074	5530035	0.2	108	3
346743	537125	5529937	0.2	130	33
346744	537145	5529829	0.2	102	25
346775	537620	5529969	0.2	164	21
346776	537585	5530091	0.2	36	33
346777	537564	5530184	0.2	141	30
346778	537529	5530284	0.2	137	13



Sample ID	Easting	Northing	Cs (ppb)	Li (ppb)	Rb (ppb)
342851	538002	5530717	0.2	74	43
342852	537999	5530825	0.2	50	38
342853	537964	5530912	0.2	121	8
342854	537936	5531024	0.2	148	68
342855	537894	5531109	20	9	392
342856	537859	5531247	0.7	9	32
342857	537851	5531309	22.9	12	200
342858	537890	5531335	0.4	13	76
342859	537942	5531191	17.9	9	251
342860	537960	5531101	0.9	3	102
342861	537978	5531019	0.2	91	32
342862	538017	5530899	0.2	72	15
342863	538040	5530837	0.2	72	35
342864	538063	5530734	11.5	22	300
342865	538104	5530659	1	1	165
342866	538125	5530540	0.3	7	10
342867	538152	5530456	0.2	5	16
342868	538188	5530355	0.2	60	25
342869	538219	5530260	0.3	63	47
342870	538230	5530175	0.2	98	29
346719	537038	5529802	0.2	90	27
346720	537005	5529897	0.2	72	44
346721	536982	5530001	0.2	111	44
346722	536934	5530098	0.3	48	43
346723	536914	5530200	0.2	52	23
346724	536904	5530283	0.2	97	31
346725	536873	5530392	0.3	97	58
346726	536839	5530476	0.2	2	4
346727	536807	5530569	0.2	1	4
346728	536779	5530673	0.2	162	41
346729	536756	5530755	0.2	3	5
346730	536711	5530865	0.2	63	11
346731	536686	5530952	0.2	56	33
346758	536581	5530603	0.2	66	27
346759	536563	5530717	0.8	11	22
346760	536527	5530801	0.2	150	36
346761	536511	5530880	0.2	38	14
346762	536598	5530924	0.2	77	44
346763	536622	5530815	0.2	3	6
346764	536649	5530715	0.2	2	5
346765	536690	5530623	0.2	75	17
346766	536707	5530539	0.2	60	9
346767	536747	5530429	0.2	76	7
346768	536779	5530331	0.2	47	34
346769	536799	5530248	0.2	169	13
346770	536828	5530166	0.2	60	26
346771	536866	5530061	0.2	14	17

Sample ID	Easting	Northing	Cs (ppb)	Li (ppb)	Rb (ppb)
346779	537499	5530376	0.2	45	29
346780	537461	5530453	0.2	42	33
346781	537455	5530557	0.2	80	36
346782	537415	5530639	0.2	56	18
346783	537373	5530759	0.2	8	61
346784	537351	5530843	0.2	79	45
346785	537335	5530949	3.8	9	263
346786	537287	5531045	0.2	106	8
346787	537265	5531123	0.2	63	21
346788	537368	5531168	0.2	85	17
346789	537400	5531033	0.2	71	20
346790	537421	5530947	0.2	56	36
346791	537453	5530870	0.2	38	17
346792	537483	5530778	0.2	92	8
346793	537514	5530680	0.2	4	4
346794	537539	5530563	0.2	47	31
346795	537570	5530480	0.2	135	24
346796	537601	5530404	0.2	113	45
346797	537628	5530305	0.2	81	18
346798	537657	5530194	0.2	62	34
346799	537678	5530127	0.2	29	36
346800	537716	5529988	0.2	94	24
346801	537244	5529872	0.2	77	15
346802	537199	5529958	0.2	85	21
346803	537187	5530051	0.2	37	31
346804	537153	5530148	0.2	16	75
346805	537108	5530246	0.2	91	32
346806	537086	5530334	0.2	68	21
346807	537064	5530431	0.3	8	13
346808	537034	5530527	0.2	3	8
346809	537000	5530633	0.2	59	18
346810	536978	5530719	0.2	74	44
346811	536955	5530811	0.2	37	37
342635	536245	5530406	0.2	17	70
342636	536208	5530489	0.2	107	15
342637	536185	5530592	0.2	89	12
342638	536152	5530682	0.2	24	16
342639	536155	5530787	0.2	47	72
342639	536217	5530809	0.2	47	72
342640	536245	5530711	0.2	134	32
342642	536282	5530614	0.2	22	8
342643	536303	5530512	0.2	68	22
342644	536345	5530416	0.2	32	45
342645	536375	5530322	0.4	11	27
342646	536392	5530230	0.2	99	36
342647	536421	5530131	0.2	115	32
342648	536466	5530041	0.2	108	25



Sample ID	Easting	Northing	Cs (ppb)	Li (ppb)	Rb (ppb)
346772	536884	5529946	0.2	97	12
346773	536932	5529866	0.2	71	46
346774	536916	5529768	0.2	31	14
342593	536273	5529568	0.2	99	47
342594	536256	5529682	0.2	86	5
342595	536220	5529766	0.2	59	19
342596	536166	5529899	0.3	2	14
342597	536160	5529957	0.2	83	39
342598	536144	5530061	0.2	86	17
342599	536103	5530145	0.2	4	9
342600	536052	5530272	0.2	7	14
346701	536045	5530344	0.2	2	11
346702	536020	5530433	0.7	17	31
346703	535982	5530532	2.8	43	103
346704	535963	5530682	0.2	135	16
346705	535934	5530731	0.2	69	18
346706	536037	5530751	0.2	72	22
346707	536052	5530665	0.2	58	10
346708	536089	5530561	0.6	51	96
346709	536102	5530474	0.4	82	72
346710	536124	5530375	0.2	69	14
346711	536185	5530271	0.2	3	4
346712	536226	5530168	0.2	243	14
346713	536229	5530068	0.2	95	33
346714	536257	5529982	0.2	118	15
346715	536285	5529845	0.3	3	12
346716	536308	5529807	0.3	104	36
346717	536329	5529691	0.2	102	21
346718	536374	5529603	0.2	80	29
342627	536462	5529634	0.2	75	52
342628	536439	5529719	0.2	5	11
342629	536398	5529915	0.2	3	10
342631	536350	5530008	0.8	11	34
342632	536332	5530114	0.2	118	44
342633	536298	5530219	0.2	22	26
342634	536256	5530301	0.2	3	18
342506	534892	5529662	7	5	170
342506	534892	5529662	7	5	170
342507	534871	5529816	90	16	96
342508	534847	5529900	169	36	127
342509	534805	5529958	0.4	99	34
342510	534774	5530066	0.2	110	30
342511	534745	5530163	0.2	147	19
342512	534721	5530261	0.2	55	28
342513	534694	5530347	1.8	3	244
342651	535678	5529402	0.2	125	39
342652	535663	5529490	0.5	8	12

Sample ID	Easting	Northing	Cs (ppb)	Li (ppb)	Rb (ppb)
342649	536479	5529969	0.4	5	11
342650	536506	5529893	0.2	39	2
342546	536658	5529681	0.2	58	54
342547	536625	5529784	0.2	25	17
342548	536579	5529899	0.2	59	29
342549	536563	5530031	0.2	66	27
342550	536542	5530084	0.2	67	30
346651	536512	5530174	0.2	94	29
346652	536472	5530270	0.2	26	13
346653	536450	5530368	0.2	83	9
346654	536421	5530491	0.2	111	40
346655	536400	5530579	0.2	191	38
346656	536373	5530650	0.2	134	15
346657	536337	5530771	0.2	62	30
346658	536304	5530851	0.2	72	36
346659	536409	5530854	0.2	66	39
346660	536435	5530770	0.2	80	26
346661	536466	5530685	0.2	113	6
346662	536501	5530576	0.3	69	43
346663	536531	5530481	0.2	108	22
346664	536549	5530381	0.2	45	21
346665	536591	5530289	0.2	117	43
346666	536610	5530192	0.2	105	36
346667	536644	5530101	0.2	61	27
346668	536678	5529990	0.2	63	5
346669	536703	5529928	0.2	187	23
346670	536726	5529818	0.3	22	40
346671	536747	5529708	0.2	56	7
346672	536555	5529737	0.5	34	78
346673	536576	5529649	0.2	153	40
342537	535189	5529986	1	4	16
342538	535275	5529792	0.4	4	6
342539	535330	5529608	6.3	4	17
342540	535393	5529416	0.3	7	26
342541	536177	5529535	0.2	84	22
342542	536149	5529664	0.2	167	39
342676	535797	5529426	0.2	109	36
342677	536077	5529522	0.2	108	32
342678	536062	5529626	0.2	69	43
342679	536024	5529710	0.2	4	10
342680	535988	5529824	0.2	3	7
342681	535971	5529903	0.2	148	37
342682	535943	5529992	0.2	41	26
342683	535908	5530087	0.3	5	15
342684	535882	5530190	0.4	7	23
342685	535861	5530301	0.2	69	32
342686	535837	5530392	0.2	106	35



Sample ID	Easting	Northing	Cs (ppb)	Li (ppb)	Rb (ppb)
342653	535640	5529601	0.3	2	9
342654	535612	5529682	0.2	76	14
342655	535588	5529777	1.5	5	13
342656	535562	5529875	0.2	68	35
342657	535520	5529969	0.2	61	27
342658	535487	5530058	0.2	94	26
342659	535467	5530160	0.2	70	13
342660	535427	5530261	0.2	75	60
342661	535418	5530365	0.2	54	25
342662	535381	5530456	0.2	61	21
342663	535346	5530538	0.2	141	13
342664	535464	5530580	0.2	134	21
342665	535483	5530476	0.2	88	30
342666	535513	5530374	0.2	31	44
342667	535528	5530295	0.2	96	38
342668	535573	5530192	0.2	73	15
342669	535579	5530097	0.2	73	21
342670	535646	5529988	0.2	71	37
342671	535652	5529911	0.2	103	18
342672	535685	5529794	0.6	4	9
342673	535692	5529693	0.6	2	9
342674	535732	5529607	0.2	3	14
342675	535744	5529510	0.2	25	36

Sample ID	Easting	Northing	Cs (ppb)	Li (ppb)	Rb (ppb)
342687	535790	5530495	0.3	14	25
342688	535771	5530596	0.9	6	39
342689	535745	5530669	0.2	81	13
342690	535840	5530690	0.2	108	24
342691	535874	5530593	0.2	15	9
342692	535896	5530490	0.2	3	4
342693	535923	5530403	0.3	9	14
342694	535964	5530305	0.2	145	35
342695	535988	5530218	2	3	9
342696	535999	5530110	0.4	4	10
342697	536038	5530022	0.3	20	13
342698	536064	5529939	0.2	23	24



Section 1: Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections)

Criteria	JORC-Code Explanation	Commentary
Sampling techniques	<i>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.</i>	<ul style="list-style-type: none"> • Soils were taken at 40-50cm below the O-A soil horizon • A total of 1356 samples were taken • Sample spacing ranges from 25m, 50m and 100m • Each Individual sample was ~500g
	<p><i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i></p> <p><i>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.</i></p>	
Drilling techniques	<i>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</i>	<ul style="list-style-type: none"> • No drilling was undertaken
Drill sample recovery	<i>Method of recording and assessing core and chip sample recoveries and results assessed.</i>	<ul style="list-style-type: none"> • No drilling was undertaken



Criteria	JORC-Code Explanation	Commentary
	<p>Measures taken to maximise sample recovery and ensure representative nature of the samples.</p>	
	<p>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.</p>	
Logging	<p>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.</p>	<ul style="list-style-type: none"> • Sample site description and basic nature of the sample medium was routinely collected and at times photographed for reference.
	<p>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</p>	
	<p>The total length and percentage of the relevant intersections logged.</p>	
Sub-sampling techniques and sample preparation	<p>If core, whether cut or sawn and whether quarter, half or all core taken.</p>	<ul style="list-style-type: none"> • All samples were prepared and Analysed by SGS Laboratory, Lakefield, Ontario • Sample protocols were followed according to SGS guidelines
	<p>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</p>	
	<p>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</p>	
	<p>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</p>	



Criteria	JORC-Code Explanation	Commentary
	<p>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.</p> <p>Whether sample sizes are appropriate to the grain size of the material being sampled.</p>	
Quality of assay data and laboratory tests	<p>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</p>	<ul style="list-style-type: none"> • Samples were prepared and analysed at SGS Laboratory at Lakefield, Ontario • SGS applied industry best practice for QAQC • SGS employed internal standards and checks as part of the analytical process as per standard industry practises
	<p>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.</p>	
	<p>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.</p>	
Verification of sampling and assaying	<p>The verification of significant intersections by either independent or alternative company personnel.</p>	<ul style="list-style-type: none"> • MMI Soil data was checked by Critical Resources personnel and checked by a third party (Coast Mountain Geological Consulting). • All data received from the laboratory and securely stored in digital format the Company's database.
	<p>The use of twinned holes.</p>	
	<p>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</p>	
	<p>Discuss any adjustment to assay data.</p>	
Location of data points	<p>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.</p>	<ul style="list-style-type: none"> • Soil sample sites were located by handheld Garmin GPS 64s accurate to +/- 3m. This is adequate for the type of exploration program. • All location data are recorded and reported in WGS 1984 Zone 15N
	<p>Specification of the grid system used.</p>	



Criteria	JORC-Code Explanation	Commentary
	<i>Quality and adequacy of topographic control.</i>	
Data spacing and distribution	<i>Data spacing for reporting of Exploration Results.</i>	<ul style="list-style-type: none"> All sampling was carried out on a grid spacing of 100m x 25m, or 50m, or 100m, which is considered appropriate for this style of early project evaluation. The data is not being used for the purpose of resource/reserve calculations. No sample compositing was undertaken. Results includes many weighted average- compositing of assay data.
	<i>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.</i>	
	<i>Whether sample compositing has been applied.</i>	
Orientation of data in relation to geological structure	<i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i>	<ul style="list-style-type: none"> ESE-WNW oriented grids are used to cover the majority of known geological and structural trends. Samples were spaced to provide a first pass test of as many geological/geophysical targets as possible in the time available.
	<i>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.</i>	
Sample security	<i>The measures taken to ensure sample security.</i>	<ul style="list-style-type: none"> MMI samples were stored at the Company's core shack in Dryden, Ontario under lock and key. Samples were then transported directly to SGS Laboratory in Lakefield, Ontario.
Audits or reviews	<i>The results of any audits or reviews of sampling techniques and data.</i>	<ul style="list-style-type: none"> Assay results were checked and validated by competent persons in Thunder Bay, Ontario.

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	<i>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.</i>	<p>The Mavis Lake Lithium Project consists of 1097 unpatented Single Cell Mining Claims and six separate surface leases which secure the surface rights of the land required for the Project footprint.</p> <p>The Gullwing-Tot/Northern Prospects area consists of 358 individual unpatented Single Cell Mining Claims.</p> <p>All claims and leases are active and in good standing. The leases have a term of 21 years and are not set to expire</p>



Criteria	JORC-Code Explanation	Commentary
	<i>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.</i>	until 2032, at which time they can be renewed for an additional 21 years if required.
Exploration done by other parties	<i>Acknowledgment and appraisal of exploration by other parties.</i>	<ul style="list-style-type: none"> • 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). Power Metals prospecting programs (2018 and 2022).
Geology	<i>Deposit type, geological setting and style of mineralisation.</i>	<ul style="list-style-type: none"> • The Fairservice and Mavis Lake Prospects host zoned pegmatites that are prospective for lithium and tantalum • The Gullwing-Tot area hosts pegmatites that are prospective for lithium and tantalum.
Drill hole Information	<p><i>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:</i></p> <p><i>Easting and northing of the drill hole collar</i></p> <p><i>Elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</i></p> <p><i>Dip and azimuth of the hole</i></p> <p><i>down hole length and interception depth</i></p> <p><i>hole length.</i></p> <p><i>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.</i></p>	<ul style="list-style-type: none"> • No drilling was undertaken
Data aggregation methods	<i>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.</i>	<ul style="list-style-type: none"> • No data aggregation was carried out and no truncation or top cuts of results were employed.



Criteria	JORC-Code Explanation	Commentary
	<p>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.</p> <p>The assumptions used for any reporting of metal equivalent values should be clearly stated.</p>	
Relationship between mineralisation widths and intercept lengths	<p>These relationships are particularly important in the reporting of Exploration Results.</p> <p>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</p> <p>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').</p>	<ul style="list-style-type: none"> The geometry of any mineralized bodies is not known at this stage.
Diagrams	<p>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.</p>	<ul style="list-style-type: none"> Refer to images in the main document.
Balanced reporting	<p>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.</p>	<ul style="list-style-type: none"> All geological and assay data is reported.



Criteria	JORC-Code Explanation	Commentary
Other substantive exploration data	<i>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</i>	<ul style="list-style-type: none">• All known and relevant data has been reported.
Further work	<i>The nature and scale of planned further work (e.g., tests for lateral extensions or depth extensions or large-scale step-out drilling).</i>	<ul style="list-style-type: none">• Field investigations of the recently identified soil anomalies presented in this report is planned.• Reconnaissance drilling is imperative to confirm models/investigations and observations with the objective of detecting bedrock lithium mineralisation.