Equador Soil Anomaly Footprint Expands

Sampling Completed at Equador North

Latest batch Equador soil samples confirm anomalism, expand footprint. Soil Sampling completed at Equador North. Mapping defines further extensive artisanal workings.

HIGHLIGHTS

- **Anomalism at Equador grew with additional samples – now estimated to cover more than 50% of the Equador Project area; with anomalism in the northwest of Equador confirmed as a new target**
- **Mapping and aerial photo interpretation led to an integrated structural targeting paradigm for Equador and Equador North**
- **Evidence of artisinal mining activity at Equador North is more extensive than originally thought, supporting enhanced prospectivity of pegmatite**
- **Phase-two of metallurgical sampling completed**

Summit Minerals Limited (ASX:SUM) ("Summit" or the "Company") is pleased to provide an update on the exploration programs underway at the Company's Equador and Equador North projects.

Assay results from the latest batch of soil samples have been received from Intertek Laboratories. These results confirm and broaden the anomalism evident over the project area with respect to fractionated pegmatite pathfinder elements, with a visually estimated half of the project area now showing anomalism (approx. 500 Ha.). Project-scale structural interpretation has also linked anomalism and mineralised pegmatite outcrops at Equador and Equador North, with regionally pervasive NNE and NE striking fault structures, on the basis of aerial photographic interpretation and surface reconnaissance mapping.

Summit's Managing Director, Dr Matthew Cobb, commented:

"The updated soil sampling results are encouraging, as they expand and further confirm the existence of anomalies defined in preliminary results. The previously unrecognised anomaly in the northwest of Equador is now a serious target, and the overall composition of anomalism is supporting the mixed-type NYF-LCT pegmatite theory.

"In addition, the increase of outcrop extent, and associated artisanal workings at Equador North means it is also shaping up to be an exciting project, and I'm excited to keep working on both areas.

"Our Brazilian team has been working incredibly hard over these past few weeks to make some headway at both projects, and I'm proud of what they have achieved."

Results

The addition of the latest batch of assays to the growing soil geochemical dataset at Equador continues to highlight the prospectivity of the area for hosting fractionated pegmatites. It is also leading to greater understanding, not only of the likely *type* of the pegmatites (NYF / LCT / Mixed) but also, in combination with field observations of mineralogical composition, the definition of the *class* of pegmatite within the Equador region according to Černý & Ercit (2005) and Černý et al. (2012). Specific *classes* for pegmatites relate to the pressure and temperature conditions of formation for both the host rocks and the pegmatites themselves, while their *type* relates more specifically to the chemistry of their parental melts.

In combination, the *class* and *type* of a pegmatite provide important details to understand the likelihood for minerals of commercial interest to be present (*class*) and what minerals might be expected to be dominant (*type*). This schema also allows for a better interpretation of the geochemical data themselves; giving insight into how these pegmatites may have interacted with host rocks during emplacement, regarding contamination and dilution.

The presence of coincident Be, Nb and Ta anomalism, with adjacent P anomalism (**Figure 1**, **Figure 2** and **Figure** 3) and the observation of beryl and columbite in hand specimens, suggests an affiliation of Equador pegmatites with the *beryl-columbite-phosphate* sub-class of the *Rare Element* class for Equador pegmatites; potentially transitioning into the *Complex* Subtype with moderately elevated Rb content in select areas.

This observation is highly encouraging for the Equador Project, where some classes of pegmatites rarely develop concentrations of minerals of commercial interest, Rare Element class pegmatites are known to have been significant sources of niobium, tantalum and lithium (Meyers Ranch – Colorado, Wodgina – Western Australia, Benson Mine – Zimbabwe, Bald Hill – Western Australia). Rare element pegmatites can belong to either the LCT or the NYF groups of pegmatites or the more complex “mixed-type” with characteristics of both groups, dependent on the chemistry of the underlying granitic melt parent.

In the case of Equador, the beryl-columbite-phosphate class are typically LCT-type pegmatites; a suggestion supported by significant Li and Cs anomalies across the project area. However, persistent Nb/Ta ratios greater than one are suggestive of NYF affiliation. Together, however, along with P, Th, U and REE(+Y), this geochemical signature indicates a likely mixed-type origin. Such mixed-type pegmatites are commonly associated with A-type granitoids, which are the dominant type of granite in the Equador project region.

The relevance of this is that A-type granites often intrude after significant deformation has ceased, and the pegmatites associated with these granitoids can therefore potentially make use of any and all pre-existing structural features within the host rocks previously generated. This is good for target development in both Equador and Equador North, where recent mapping and aerial photography interpretation shows a variety of structural features in multiple orientations, and opens up the prospective potential of each area to host “blind” pegmatites on any structures that might be identified.

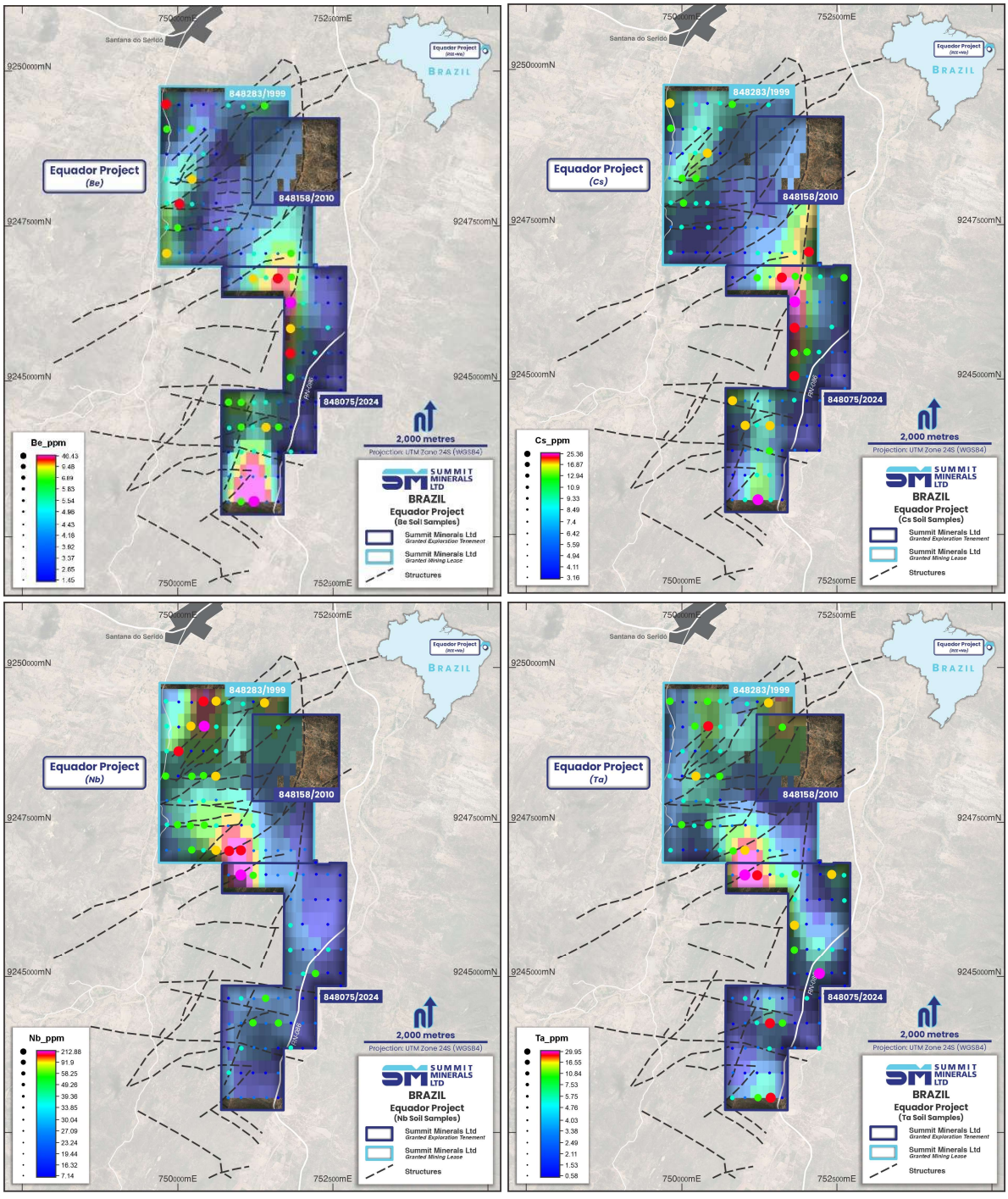

Figure 1: *Soil Geochemistry Results and Interpreted Structure - Equador*

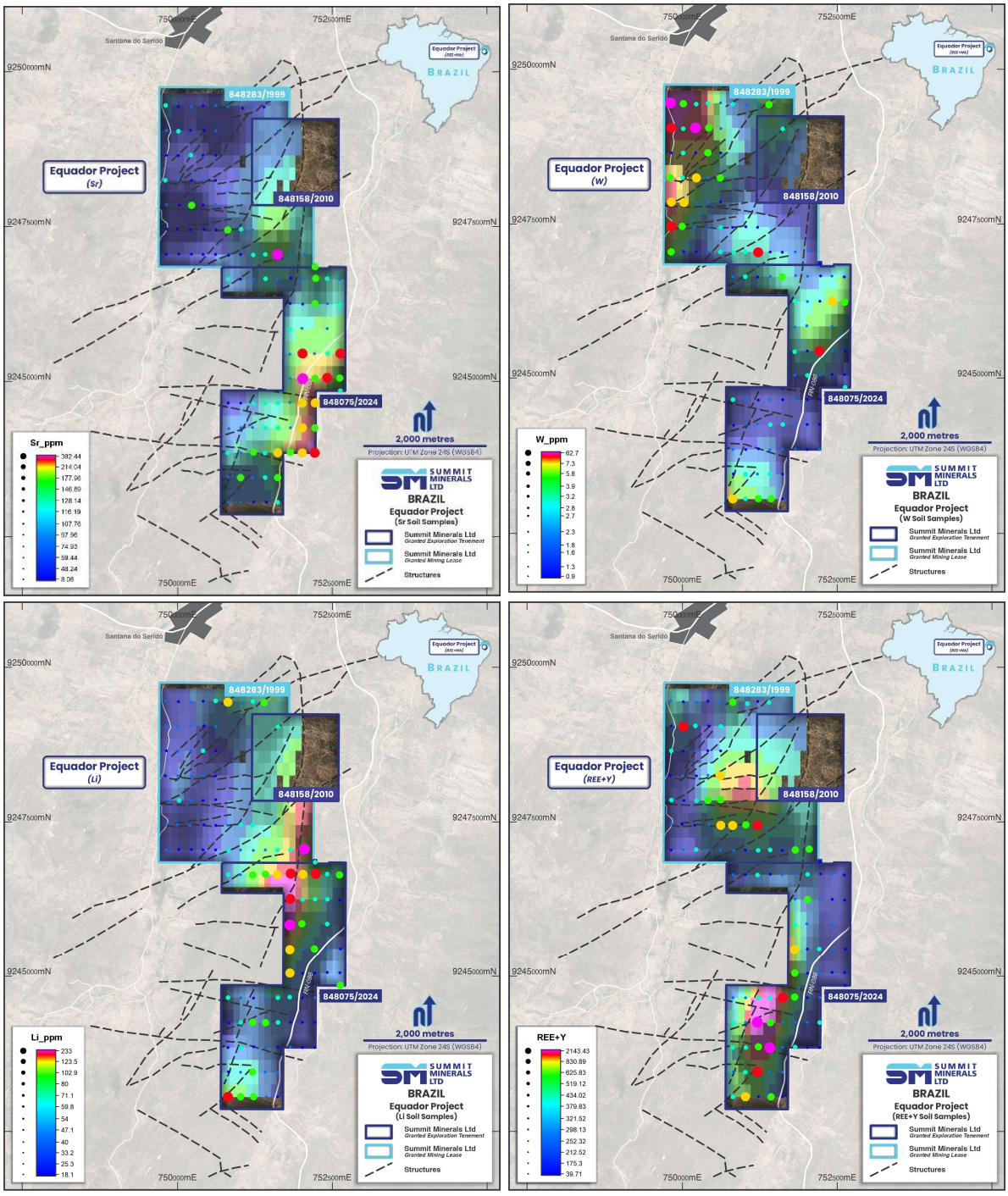

Figure 2: *Soil Geochemistry Results and Interpreted Structure, Equador, (continued)*

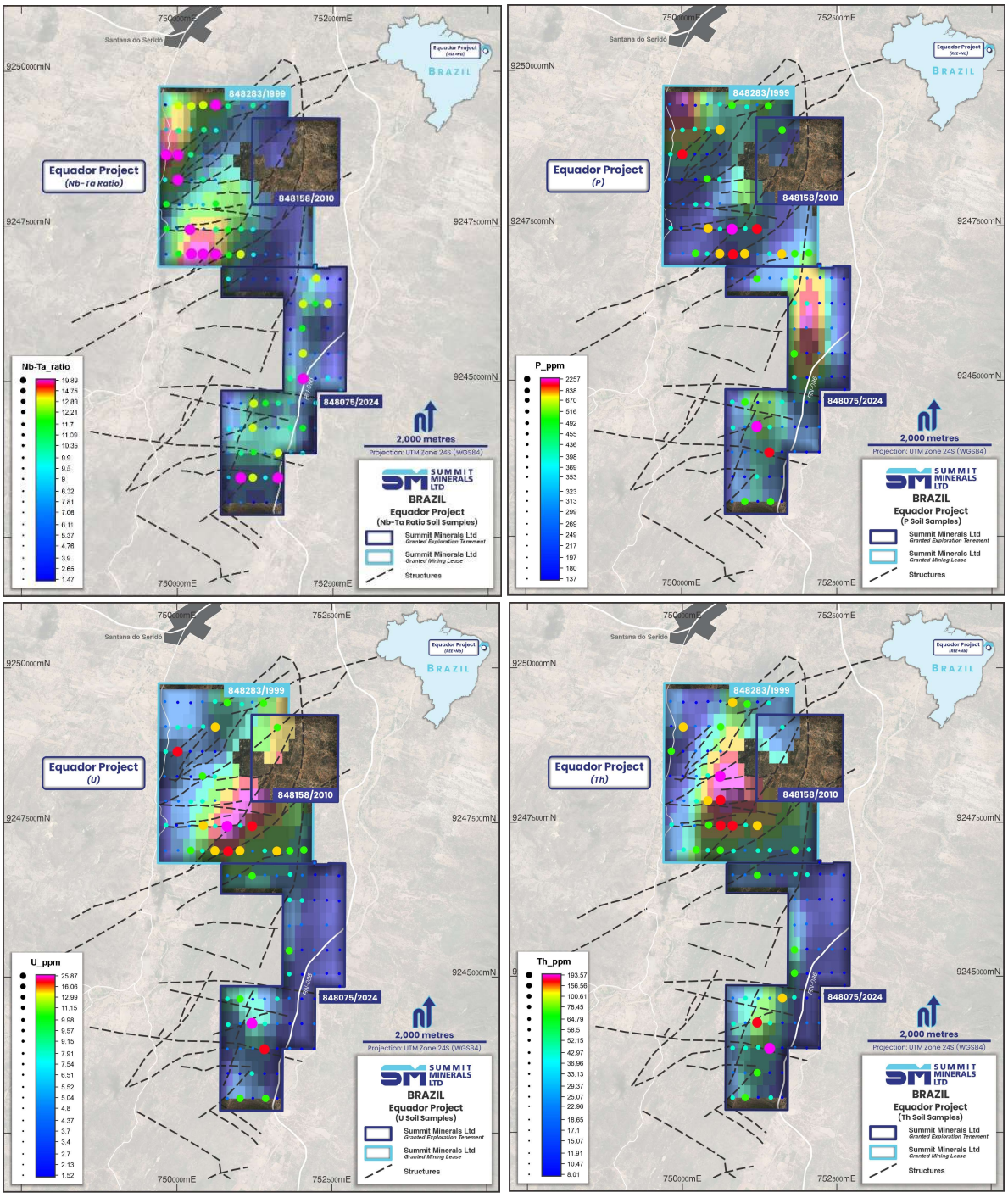

***Figure 3**: Soil Geochemistry and Interpreted Structure, Equador, (continued)*

Equador North Soil Sampling and Mapping

Summit's in-country geological team, headed by Brazilian Geologist Marcel Reikdal, has now also completed reconnaissance soil sampling over the Equador North Project, where large outcrops of columbite bearing pegmatite were recently discovered. Samples have been shipped to Intertek Laboratories in Perth, Western Australia for analysis.

Mapping undertaken concurrently with the sampling program has also shown the extent of pegmatite outcrop in the region to be greater than initially assessed; further highlighting the prospectivity of this exciting new project area (**Figure 4**).

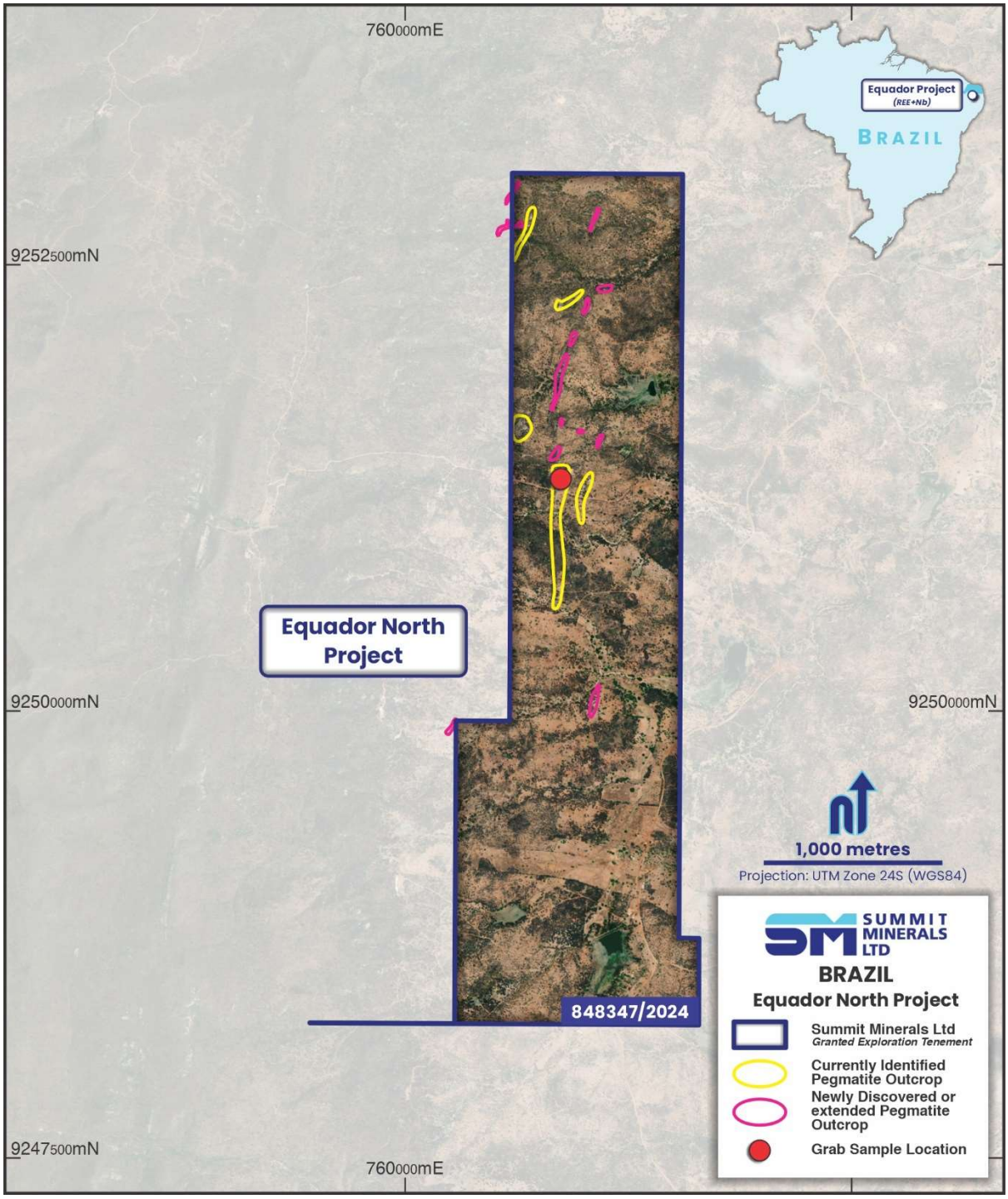

***Figure 4**: Equador North where large pegmatite outcrop has been recorded, showing recent extensions to mapped outcrop.*

Metallurgical Sampling

On his last visit, Summit Minerals' Managing Director, Dr Cobb, established a sampling protocol for Phase-Two metallurgical test work at Equador, following on from the highly successful outcomes of Phase-One testing (*refer ASX announcement dated 25th June 2025*).

This sampling is also complete, with approximately 500 kg of material being shipped to IMO Laboratories in Perth for detailed material characterization and further metallurgical processing flowsheet development.

Sample sites were marked down the full height of the exposed face within the artisanal workings from where SUMMET 8 and 9 were collected in the previous bulk sampling campaign. Channels were cut along the full height of these marks, using a Kanga™ demolition jackhammer and cold chisel bit. All material from each channel was collected onto a tarpaulin positioned at the base of the sample site and bagged, with approximately 100kg of material collected from each (**Figure 5**).

***Figure 5**: Phase two bulk-sampling within a large artisinal mine at the Equador Project.*

The Company looks forward to updating shareholders as work progresses.

This announcement has been approved by the Board of Directors.

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References

Černý, P., Ercit, T.S., 2005, "The Classification of Pegmatites Revisited". *The Canadian Mineralogist,* 43. pp. 2005-2026.

Černý, P., London, D., Novák, M., 2012, "Granitic Pegmatites as Reflection of Their Sources". *Elements Magazine.* 8. pp. 289-294

Competent Person Statement

The information in this report that relates to Soil Sampling Exploration Results is based on information compiled and reviewed by Dr Matthew Cobb, a Competent Person who is a member of the Australian Institute of Geoscientists (MAIG #5486) and a Fellow of the AusIMM (FAusIMM #3147286). Dr Cobb has sufficient experience relevant to the style of mineralization and type of deposit under consideration to qualify as a Competent Person as defined in the Australasian Code for Reporting of Exploration Results Mineral Resources and Ore Reserves (The JORC Code) 2012 Edition. Dr Cobb is a full-time employee of the Company and has performance incentives associated with the successful development of the Company's projects. Dr Cobb consents to the inclusion in this announcement of the matters based on the exploration results in the form and context in which they appear.

About Summit Minerals Limited

Summit Minerals Limited is an Australian-focused ASX-listed battery and critical minerals exploration Company with a portfolio of projects in demand-driven commodities. It is focused on systematically exploring and developing its projects to delineate multiple JORC-compliant resources.

Summit's projects include the niobium-tantalum, REE and lithium projects in Brazil. Through focus, diligence and execution, the board of Summit Minerals is determined to unlock previously unrealised value in our projects.

Appendix A: Complete Results

			Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga
"SUMEQSS"	East	North	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
0001	751621	9243053	X	67404	0.8	498.5	2.29	0.78	10576	0.08	50.38	10	55	5.07	10.5	1.89	0.91	1.25	2.73	14.95
0002	751437	9243054	X	91770	X	1037.5	4.3	0.92	4129	0.05	290.45	12.2	110	10.1	12.6	7.19	2.05	3.62	3.6	25.81
0003	751232	9243056	X	118849	0.7	436	46.43	66.79	2390	0.06	97.82	11.9	91	22.02	29.9	3.13	1.06	1.46	4.33	34.51
0004	751023	9243055	0.09	102972	X	1017.8	6.89	0.87	6280	0.07	373.4	11.6	83	9.57	29.2	7.88	1.95	3.79	3.35	32.15
0005	750819	9243052	X	103947	X	887.3	5.17	0.39	11089	0.05	248.55	39.2	295	6.41	54	6.18	1.78	3.27	7.09	30.09
0006	751621	9243452	X	94053	X	528.9	2.63	0.25	15831	0.13	100.63	18.5	98	4.88	33.9	5.5	2.72	2.1	4.97	22.74
0007	751419	9243453	X	98254	X	782.4	4.99	1.16	11330	0.09	105.66	21.5	121	10.99	46.5	5.4	2.34	2.2	5.38	25.7
0008	751216	9243454	X	104372	X	1378.1	4.66	0.61	6280	0.04	438.44	18.5	86	11.31	22.5	7.82	2.14	4.88	4.14	30.08
0009	751022	9243451	X	103480	X	892.2	4.43	0.27	13687	0.05	159.22	31.7	260	3.67	38.5	7.26	3.13	2.99	5.14	25.76
0010	750827	9243457	X	83752	X	805.9	4.03	0.23	8618	0.07	168.84	6.7	51	3.16	12.1	4.58	1.23	2.44	2.99	24.28
0011	752219	9243850	X	87005	0.7	457.5	2.44	0.33	21775	0.14	80.13	11	62	4.41	18.3	3.41	1.52	1.79	2.91	17.32
0012	752018	9243849	0.08	96717	0.9	625.5	2.84	0.41	16235	0.11	66.65	14.6	90	6.12	27.4	3.27	1.62	1.69	3.93	21.04
0013	751826	9243858	0.06	95564	X	913.1	5.41	0.52	20627	0.14	192.52	20.3	91	6.68	32.8	10.19	4.71	3.54	5.31	27
0014	751622	9243853	X	95383	X	640.8	3.45	0.32	24695	0.13	112.56	21.8	97	4.59	41.7	7.23	3.92	2.59	5.33	22.88
0015	751417	9243844	X	104487	X	1037.1	5.92	0.7	12498	0.13	853.11	24.7	158	15.2	42	21.86	6.23	8.88	5	29.92
0016	751232	9243862	0.06	87209	X	915.1	5.63	0.37	14736	0.11	266.1	11.8	46	5.24	15.7	7.69	2.31	3.46	2.78	24.32
0017	751028	9243850	X	100452	X	752.4	5.69	0.35	9449	0.06	248.17	18.9	154	7.07	35.7	7.25	1.78	3.58	4.68	31.69
0018	750819	9243849	X	94963	X	756.8	3.92	0.18	14261	0.06	252.06	12.9	163	4.29	13.5	6.24	1.48	3.19	2.48	22.59
0019	752221	9244253	X	87776	0.9	520.4	2.91	0.44	16515	0.1	209.01	12.4	66	5.29	18.1	6.23	1.88	2.72	3.36	18.12
0020	752020	9244254	0.06	95944	X	815.3	4.12	0.43	17508	0.11	142.92	15.2	91	5.51	29	5.43	2.17	2.42	3.96	23.24
0021	751828	9244255	X	92609	X	819	3.76	0.45	8100	0.04	164.61	11.8	90	5.19	20	5.35	2.07	2.24	4.19	23.63
0022	751626	9244255	X	106125	X	1417.5	6.64	0.34	11849	0.07	100.53	16.9	114	6.17	19	4.47	1.8	1.85	4.63	28.21
0023	751425	9244251	X	100091	X	937.6	10.87	0.7	13538	0.1	249.58	23.6	89	17.16	36.2	9.94	4.16	3.7	5.51	30.93
0024	751215	9244259	X	111169	X	933.2	6.28	0.38	5059	0.06	914.33	10.2	29	9.31	46.9	26.87	7.52	11.04	4.49	36.19
0025	751026	9244255	0.07	98022	X	507.8	8.89	0.56	13169	0.09	114.16	33	293	16.87	99	7.93	3.68	2.48	6.5	28.72
0026	750832	9244240	X	96286	X	666.4	5.59	0.34	7750	0.06	183.41	6	39	5.36	6.1	6.25	1.84	1.88	2.01	26.48
0027	752227	9244656	0.07	97596	0.9	561.4	2.85	0.44	18784	0.16	126.32	15.9	91	6.81	29.4	4.8	1.81	2.22	4.04	20.97
0028	752020	9244654	X	91555	X	326.8	2.65	0.19	23763	0.14	80.83	14.1	79	3.7	22.1	4.16	1.94	1.89	3.6	18.59
0029	751816	9244664	0.07	98830	X	959.2	4.09	0.75	8290	0.06	293.17	24.2	136	9.17	35.1	8.24	2.19	3.27	5.97	26.98
0030	751624	9244654	X	103477	X	1856.1	4.18	0.48	6807	0.05	606.61	21	56	7.84	28.6	10.21	3.85	4.96	4.4	28.19
0031	751420	9244653	X	91919	X	820.1	5.71	0.26	12959	0.1	218.77	14.6	47	6.57	22.7	11.28	4.7	3.77	4.77	31.83
0032	751231	9244648	X	92826	X	904.9	5.18	0.33	10364	0.04	178.54	15.2	81	7.46	43.2	7.95	2.56	3.16	4.11	28.06
0033	751025	9244652	X	107001	0.7	494.8	8.05	0.62	5704	0.03	166.45	8.7	35	7.22	7.5	5.22	2.19	1.25	2.74	32.53
0034	750821	9244655	0.08	94244	X	494.6	8.54	1.17	10864	0.13	110.1	30	342	17.36	55.8	6.32	2.89	1.78	6.05	27.71
0035	752625	9245058	X	79153	0.6	627.4	2.5	0.31	14442	0.11	100.76	9.8	46	3.99	12.7	3.38	1.41	1.86	2.39	15.25
0036	752422	9245062	X	91975	0.7	521.3	2.54	0.3	20157	0.14	105.01	10	56	4.52	17.1	3.67	1.55	2.04	2.59	16.96
0037	752223	9245052	X	80075	X	575.4	3.47	0.35	17077	0.12	136.95	11.2	58	4.08	16.1	4.47	1.8	2.14	3.29	16.4
0038	752025	9245047	X	90082	0.7	801.7	4.24	0.33	18425	0.12	101.38	16.4	66	6.84	19.5	4.35	2	2.28	4.69	19.21
0039	751819	9245053	X	104022	X	1177.9	8.68	0.55	9842	0.06	340.44	20	98	19.64	35.6	9.02	2.85	4.13	4.5	32.17
0040	752635	9245454	X	84219	0.5	427.1	2.43	0.35	22588	0.17	59.83	9.5	53	4.51	14.3	2.76	1.55	1.64	3.01	15.56
0041	752429	9245450	X	95095	X	549.5	4.05	0.45	11054	0.06	126.26	13.1	84	7.52	18.4	4.29	1.59	2.2	3.9	22.54
0042	752215	9245453	0.13	96387	0.7	597.8	6.01	0.63	7287	0.08	203.7	26.4	90	10.24	23	7.72	2.85	3.07	4.51	23.99

	Gd	Ge	Hf	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pr	Rb
"SUMEQSS"	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
0001	3.15	1.4	1.63	0.33	0.04	15848	24.05	26.6	0.18	4972	589	0.5	13940	12.81	20.7	23.9	207	33.2	5.51	88.63
0002	15.4	1.2	5.6	1	0.07	32216	155.6	57.7	0.24	5199	504	0.5	10508	29.95	113.38	36.6	511	82.4	31.42	188.99
0003	5.86	3	2.01	0.46	0.07	22881	50.92	109.5	0.15	6862	457	1.3	21023	31.55	39.26	47.5	497	36.9	10.86	288.95
0004	17.88	1.1	4.34	1.03	0.08	32455	196.28	109.2	0.19	11368	455	0.4	28103	27.09	138.17	36	516	470.7	39.48	218.91
0005	12.92	1.2	3.61	0.91	0.1	26786	135.13	137.5	0.18	20533	1293	1.3	17056	25.81	91.52	167.9	322	63.2	26.11	190.22
0006	8.35	1.8	3.21	1.01	0.09	15243	50.28	46.4	0.43	12194	959	0.2	18726	30.64	47.74	54.8	295	19.1	12.33	83.99
0007	8.26	2.1	2.39	0.92	0.08	21071	53.06	57.7	0.34	11811	1076	0.5	14034	23.23	47.97	60.9	294	29.4	12.62	161.96
0008	17.25	0.9	4.47	1.1	0.07	32111	248.55	100.9	0.19	12951	334	0.4	25089	22.77	146.44	48.3	441	51.4	43.78	191.48
0009	11.3	1.2	1.15	1.26	0.08	21194	101.07	55.4	0.35	17187	584	1.8	29358	17.06	69.92	139.2	269	63.2	19.56	139.03
0010	10.09	1.2	3.17	0.63	0.08	25432	88.82	28.8	0.14	3841	507	1.6	18356	43.07	66.53	22.4	268	58.3	18.25	99.21
0011	6.04	1.4	2.42	0.59	0.05	16599	39.83	26.5	0.28	7915	788	0.3	25368	14.84	36.45	30.7	515	24	9.59	81.34
0012	5.11	1.6	3.1	0.58	0.06	20804	33.96	38.8	0.29	11000	706	0.8	23769	18	30.46	46.5	219	25.2	8.15	104.37
0013	14.97	1.5	3.38	1.83	0.13	25338	101.66	56.4	0.64	12617	838	0.9	20508	39.36	83.23	51.5	578	44.2	22.34	146.84
0014	9.16	1.6	2.41	1.42	0.09	15277	57.86	33.2	0.57	14439	794	1.2	21096	19.08	46.93	56.4	461	31.6	12.51	84.28
0015	44.67	1.2	9.95	3.12	0.12	31327	464.42	57.4	0.67	13862	691	1	20988	33.11	315.68	86.7	642	62.8	90.75	217.85
0016	16.07	1.2	3.78	1.11	0.1	27805	138.33	37.6	0.28	6323	731	0.6	28199	32.69	106.41	26.2	389	65.3	29.14	140.34
0017	16.7	1.2	3.81	0.95	0.2	35976	124.88	65.4	0.2	11141	697	1.3	15459	41.2	104.25	71.4	571	54.8	28.08	211.45
0018	14.32	1.2	4.08	0.79	0.05	31631	131.65	20	0.15	9182	374	0.8	23446	15.46	95.79	77.8	280	64.8	27.4	150.46
0019	13.8	1.5	3.57	0.88	0.05	19469	99.98	28.4	0.28	6974	866	0.4	21523	25.48	91.06	31.7	261	28.2	24.71	102.22
0020	9.43	1.5	2.09	0.92	0.08	23527	75.85	37.2	0.27	10521	580	0.5	22604	26.44	59.93	47.2	353	38.3	16.32	130.64
0021	9.47	1.3	2.3	0.87	0.07	24235	80.5	39.8	0.27	8037	349	0.9	16064	22.94	59.81	39	217	41.4	16.54	123.84
0022	7.44	1.4	3.37	0.73	0.09	34100	54.6	64.2	0.25	13451	504	0.6	19389	65.38	42.87	52.2	366	38.5	11.71	192.8
0023	16.35	1.8	3.98	1.69	0.12	28442	141.79	103.8	0.52	13741	729	0.7	18151	37.31	100.6	55.3	516	54.5	28.76	266.55
0024	61.33	1.2	24.71	3.69	0.21	38785	449.83	100.7	1	9630	491	0.7	14864	64.36	388.16	16.4	701	78	102.88	209.83
0025	10.78	1.8	1.73	1.41	0.12	24564	67.32	75.2	0.46	19122	721	1	10993	27.38	53.37	199.4	319	50	14.61	251.65
0026	12.37	1.3	5.37	0.9	0.05	39182	94.02	28.2	0.24	3550	404	0.8	29033	26.51	72.11	14.9	301	76.8	20.21	171.33
0027	9	1.7	2.46	0.75	0.06	22713	60.82	44.5	0.29	12010	903	0.5	22004	16.32	56.25	46.1	618	26.6	14.96	112.52
0028	6.63	1.6	1.85	0.75	0.06	12600	39.2	24.9	0.32	10108	896	0.4	24333	20.38	36.89	41.8	313	23.8	9.56	63.64
0029	17.53	1.7	3.45	1.11	0.09	25744	148.42	89.4	0.28	14447	901	1.3	14058	27.47	121.42	74.7	436	38.6	32.55	180.42
0030	19.14	1	2.76	1.69	0.1	27072	365.1	87.6	0.41	10656	524	0.6	29750	28.12	188.63	35.9	405	75.1	57.87	156.78
0031	18.26	1.5	3.39	1.87	0.16	30323	109.52	60.4	0.64	10125	849	0.8	22404	53.65	98.82	29.4	450	57	25.64	165.65
0032	14.45	1.3	2.01	1.18	0.11	53521	93.18	41.6	0.28	10986	401	0.7	12883	28.89	81.6	46.1	762	42.8	21.48	237.82
0033	9.13	1.6	4.31	0.83	0.05	39236	80.15	44.8	0.25	3885	308	1.2	23626	38.29	52.77	14	198	86.9	15.54	291.3
0034	9.38	1.5	2.87	1.12	0.07	21543	63.44	83.7	0.41	19005	1253	1.9	8972	23.43	48.87	123.4	306	61.8	13.37	251.2
0035	6.61	1.4	3.07	0.55	0.03	21859	50.01	18.1	0.24	4576	899	0.3	19311	22.45	43.4	22.2	212	31.6	11.47	98.72
0036	7.1	1.5	2.33	0.61	0.04	18233	51.76	25.1	0.27	6902	808	0.3	25591	10.89	44.61	27.5	449	27.4	12.06	85.33
0037	8.4	1.5	3.55	0.71	0.05	17862	69.44	29.6	0.29	6484	1024	0.3	23525	68.32	53.54	26.8	434	35.6	14.47	84.35
0038	6.52	1.9	1.6	0.79	0.06	13905	47.29	40.5	0.29	7791	922	0.7	27575	37.51	38.36	34.1	838	26.9	10.43	70.63
0039	18.25	1.5	6.58	1.35	0.12	33489	185.52	123.5	0.36	13580	584	0.3	20548	30.94	125.81	56.8	359	51.9	35.83	362.48
0040	4.2	1.5	1.98	0.54	0.04	13899	28.63	23.4	0.29	6466	1096	0.3	26521	30.74	24.53	23.6	480	24.4	6.64	69.46
0041	8.29	1.7	2.6	0.68	0.06	20297	62.9	60.4	0.25	7752	567	0.8	17547	40.19	53.72	38.4	244	35.3	14.3	128.51
0042	13.78	1.9	3.26	1.21	0.09	19951	98.01	110.7	0.37	7323	1045	1.6	11336	23.6	83.97	65.2	604	36.1	22.74	176.55

	Re	S	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
"SUMEQSS"	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
0001	X	X	0.08	8.6	X	3.96	2.4	139.79	2.11	0.39	X	8.06	5202	0.54	0.14	1.93	63	1.4	8.61	1.04	43	56.2
0002	X	X	X	14.3	0.6	20.35	6.1	80.29	20.37	1.74	X	47.84	5747	1.14	0.24	11.03	89	5.8	24.2	1.48	74	189.5
0003	X	X	0.06	12.9	1.2	7.41	6.3	32.1	10.5	0.71	X	19.32	3999	1.72	0.14	3.68	107	5.3	11.19	0.91	75	63.3
0004	X	X	X	10.9	X	24.43	11.6	97.96	3.81	1.97	X	83.88	3168	1.34	0.21	12.99	64	3.8	25.07	1.25	148	137.5
0005	X	X	X	18	0.8	16.73	4.2	99.58	6.12	1.45	X	48.98	4821	1.34	0.21	5.43	127	8.3	22.02	1.13	126	123.8
0006	X	X	0.05	16.9	X	9.96	3	199.86	1.99	1.08	X	11.66	6358	0.48	0.41	2.13	126	1.1	26.7	2.71	88	52.2
0007	X	X	X	19.6	0.5	9.82	4.7	135.54	2.49	1.06	X	16.68	8392	0.84	0.33	3.62	134	3.4	24.67	2.12	103	80.6
0008	X	X	X	11	0.5	24.08	5	101.78	1.88	1.93	X	102.33	4014	1.24	0.23	10.02	68	2.2	26.81	1.26	94	161.8
0009	X	X	X	16.6	0.6	12.9	2.9	203.85	1.29	1.41	X	28.85	4345	1.03	0.39	3.55	113	3.1	37.07	2.37	133	38.5
0010	X	X	X	7.8	X	13.04	5.3	121.25	4.88	1.14	X	34.42	6526	0.73	0.14	4.42	39	1.1	14.83	0.86	98	104.1
0011	X	X	0.07	11.2	X	7.22	1.6	253.1	5.8	0.73	X	11.05	5562	0.45	0.23	2.77	71	2.8	14.79	1.75	55	74.8
0012	X	X	0.1	14.2	X	6.14	2.6	214.04	1.89	0.65	X	8.68	5665	0.62	0.24	2.7	96	1.5	14.73	1.76	81	104.6
0013	X	X	0.1	16.8	X	16.85	7	212.67	4.6	1.95	X	34.59	7411	0.91	0.65	5.36	97	2.3	46	4.19	146	110.5
0014	X	X	0.06	19.2	X	9.77	4.8	228.62	1.53	1.3	X	15.03	6085	0.6	0.57	3.4	138	2	37.53	3.9	95	80.1
0015	X	X	X	16.9	X	57.71	6.3	147.94	5.54	5.07	X	193.57	5403	1.44	0.71	19.76	88	2.9	76.14	4.21	142	341.5
0016	X	X	0.05	8.4	X	20.59	4.3	177.96	2.87	1.84	X	60.09	5446	0.84	0.3	6.38	43	1.3	27.65	1.82	140	130.6
0017	X	X	X	16.1	X	21.21	7.5	108.93	4.16	1.84	X	43.6	8287	1.34	0.2	5.92	101	1.6	21.81	1.28	208	130.9
0018	X	X	X	10.1	X	18.72	2.9	133.89	2.25	1.55	X	53.37	2952	0.96	0.16	6.51	58	2.5	18.59	0.94	59	133
0019	X	X	0.1	12	X	17.68	2.3	210.54	3.61	1.52	X	29.37	9010	0.58	0.25	4.8	82	1.5	20.92	1.73	57	124.3
0020	X	X	X	13.4	X	11.58	4.1	217.34	2.26	1.17	X	24.98	5508	0.75	0.29	3.97	87	1.8	22.64	1.81	96	67.5
0021	X	X	X	12.5	X	11.72	4.3	112.83	2.26	1.15	X	33.13	4516	0.87	0.28	4.4	87	2.5	21.31	1.8	67	81.1
0022	X	X	X	16.4	X	8.77	5.7	133.12	10.89	0.93	X	19.56	5307	1.15	0.24	4.47	105	4	18.85	1.58	113	113.2
0023	X	X	0.06	18.3	0.6	19.14	10.1	147.23	19.63	2.02	X	58.5	6006	1.58	0.54	7.78	104	3.2	43.79	3.41	175	130.1
0024	X	X	X	8.9	0.5	77.79	11.7	86.34	5.32	6.81	X	166.92	5269	1.45	0.88	20.16	49	2.2	85.46	5.84	229	712.3
0025	X	X	X	21.4	X	11.53	7.2	86.93	3.41	1.48	X	21.62	4724	1.66	0.48	4.86	118	2.7	37.62	3.05	164	55.9
0026	X	X	0.07	6.3	X	15.74	5.4	88.72	2.79	1.47	X	54.89	2566	1.04	0.24	9.01	26	1.6	21.84	1.5	44	169
0027	X	X	0.07	14.6	X	11.21	2.6	223.52	1.71	1.05	X	16.89	5883	0.62	0.26	3.54	104	1.5	18.68	1.85	84	83.2
0028	X	X	0.05	13.8	X	7.76	2.1	239.19	7.12	0.84	X	11.36	6399	0.37	0.29	2.16	94	0.9	19.4	2.06	67	63.8
0029	X	X	X	19.3	0.7	22.42	5.4	103.3	3.42	2.01	X	52.15	8050	1.04	0.27	7.26	144	2.5	27.36	1.72	107	120.7
0030	X	X	X	12.3	X	26.86	6.4	140.25	2.77	2.2	X	133.09	4181	1.04	0.46	9.15	84	1.9	45.27	2.79	104	106.5
0031	X	X	X	12.1	X	20.33	8.2	128.97	4.66	2.26	X	37.27	9963	1.14	0.64	5.84	80	2.1	49.14	4.23	232	105.1
0032	X	X	X	14	X	16.86	5.7	123.92	2.3	1.75	X	27.68	4443	1.45	0.32	3.82	76	1.6	29.58	1.94	110	72.4
0033	X	X	X	7.8	0.5	11.38	8.2	64.2	6.27	1.15	X	52.2	2421	1.65	0.27	11.06	42	2.6	21.88	1.65	45	120.3
0034	X	X	X	19.9	0.6	10.43	6.4	57.66	4.87	1.23	X	30.2	3664	1.5	0.4	9.63	103	3.2	32.21	2.67	151	86.8
0035	X	X	0.08	8.3	X	8.5	1.8	190	4.31	0.77	X	14.1	7424	0.53	0.2	2.89	59	1.3	14.09	1.47	43	103.1
0036	X	X	0.06	9.5	X	8.97	1.7	252.44	1.21	0.84	X	14.51	4701	0.49	0.24	2.86	60	1.1	15.51	1.62	52	78.9
0037	X	X	X	10.3	X	10.53	2.5	205.03	26.49	0.98	X	16.68	9330	0.47	0.25	4.99	68	2	17.71	1.75	59	116.3
0038	X	X	0.11	10.6	X	7.68	2.8	311	2.39	0.84	X	10.65	7795	0.46	0.28	2.46	100	3.2	20.56	1.85	62	57.6
0039	X	X	X	13.6	X	22.84	9.8	116.19	2.99	2.1	X	73.1	5081	2.38	0.35	9.04	76	2.8	34.03	2.16	156	218.5
0040	X	X	X	10.8	X	4.94	1.7	263.78	4.57	0.53	X	8.72	9039	0.4	0.25	1.8	61	1.3	14.16	1.84	53	57.2
0041	X	X	X	13.6	X	10.62	3.8	149.81	9.97	0.99	X	22.96	6618	0.77	0.22	4.1	92	2.4	16.18	1.56	72	84.6
0042	X	X	X	15.3	0.6	17.01	5.8	102.95	4.03	1.67	X	30.33	6423	1.12	0.37	5.85	117	17.8	31.4	2.54	109	107.6

			Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga
"SUMEQSS"	East	North	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
0043	752022	9245454	384	X	100276	0.6	353.1	3.57	0.25	35050	0.16	82.02	14	127	13.87	44.3	7.77	4.49	2.16	3.48
0044	751818	9245442	484	X	108636	X	749.9	12.52	0.43	6995	0.07	407.96	8.2	41	16.05	10.8	9.62	2.52	4.21	2.5
0045	752632	9244854	350	0.08	118680	X	689.1	3.94	0.6	10219	0.07	70.7	23.7	151	7.63	54.9	4.86	2.69	2.07	6.15
0046	752422	9245857	332	X	104561	X	631.7	5.78	0.47	8459	0.05	131.57	17.6	97	10.01	17.9	4.41	1.61	2.01	4.21
0047	752226	9246855	354	0.05	108083	X	510.7	4.31	0.39	19752	0.12	98.6	22.9	113	7.42	41.5	4.73	2.36	2	5.24
0048	752013	9245861	394	X	99127	X	945.7	4.97	0.4	10062	0.1	152.51	18.2	141	8.72	37.3	5.26	1.89	2.16	4.74
0049	751820	9245843	504	X	101082	X	818.2	9.51	0.4	12316	0.09	174.05	20.9	61	21.75	51.5	6.91	2.36	2.72	5.47
0050	752624	9246242	358	X	88034	0.6	557	2.69	0.23	12162	0.08	97.69	23.4	112	5.43	31.5	4.73	2.54	1.99	4.69
0051	752425	9246256	367	X	107228	0.6	601.6	3.03	0.53	8450	0.09	97.26	29	131	8.67	55.7	4.46	1.82	2.16	6.5
0052	752224	9246258	373	0.12	97229	X	545.6	4.08	0.31	20123	0.13	126.84	20	122	8.95	32.4	5.49	2.17	2.24	4.92
0053	752024	9246252	452	X	95204	X	690.3	5.7	0.22	8125	0.07	270.22	19.1	66	6.31	21.2	9.85	3.13	4.08	5.79
0054	751824	9246261	557	X	108462	X	563.8	14.49	0.42	6560	0.05	128.33	18.1	142	25.36	23.8	5.44	2.01	1.92	4.05
0055	752619	9246650	362	0.06	107071	0.6	884.2	4.02	0.49	8854	0.06	55.05	24	169	14.43	40.6	3.14	1.72	1.49	6.13
0056	752420	9246663	367	0.05	89532	0.8	498.7	3.71	0.37	10146	0.08	153.61	16.6	95	8.16	19	6.11	2.35	2.44	4.19
0057	752236	9246666	387	X	101038	0.6	354.4	3.05	0.43	26335	0.24	63.58	24	246	9.61	39	6.34	3.35	1.78	6.44
0058	752027	9246659	488	0.05	95343	X	518.6	6.63	0.55	19360	0.14	243.77	25.1	169	14.73	33.1	8.16	3.07	2.53	5.07
0059	751833	9246671	535	0.05	102837	X	489.1	7.86	0.6	8769	0.04	179.57	11.9	51	12.94	10.5	6.87	2.37	1.75	3.57
0060	751616	9246651	456	0.13	100972	X	480.1	12.59	5.22	13558	0.12	123.94	20.1	199	18.85	27	5.89	2.56	1.99	5.1
0061	751425	9246661	422	0.05	106663	X	459.7	5.49	0.47	17687	0.05	86.16	22.9	160	7.02	40.6	5.43	2.47	1.86	5.02
0062	751219	9246648	526	0.06	103036	X	548.2	9.46	1.4	12669	0.07	235.89	10.9	17	15.27	9.1	8.07	2.79	2.04	3.84
0063	751020	9246654	532	0.06	89677	X	254.5	3.69	2.52	6033	0.08	88.1	5.6	28	3.93	10.3	2.93	0.89	0.8	1.95
0064	750822	9246654	498	0.05	103246	X	1012.5	4.61	0.21	11366	0.04	162.31	12.1	51	6.12	7.8	3.92	1.38	1.62	3.61
0065	752053	9247066	524	X	105508	X	673.9	4.96	0.28	9085	0.06	277.44	23.9	217	19.37	34.5	8.06	1.95	2.89	4.72
0066	751827	9247053	448	X	99860	X	561.2	8.03	0.45	8969	0.07	274.47	7.6	153	9.36	7	7.62	1.97	1.99	2.2
0067	751618	9247048	408	0.08	94947	X	761.5	4.73	0.4	21820	0.11	77.81	12.6	69	6.41	6.7	3.27	1.25	1.33	2.95
0068	751422	9247053	446	X	93430	X	866.1	3.77	0.13	10050	0.04	200.21	5.8	14	3.56	3.1	5.36	1.53	2.1	2.25
0069	751228	9247046	475	0.07	99326	0.7	696.7	6.5	1.1	15569	0.28	204.71	23.5	122	10.86	34.3	8.63	3.92	2.44	6.04
0070	751021	9247052	489	0.08	109932	X	389.8	3.88	0.26	5900	0.03	88.45	5	32	5.68	5.2	5.12	2.26	0.72	1.86
0071	750832	9247042	462	0.08	124407	0.6	296.4	4.64	0.29	5601	0.04	132.5	5.5	35	6.22	6.6	6.07	2.75	0.98	2.2
0072	750619	9247053	414	X	99635	X	252	4.19	0.15	5273	0.05	117.26	2.8	8	4.93	3	3.9	1.28	0.59	1.63
0073	750417	9247053	388	0.06	100784	X	390.4	4.47	0.09	5796	0.02	127.07	1.3	5	4.11	2.7	3.25	0.97	0.77	1.28
0074	750229	9247059	420	X	107636	X	250.9	4.12	0.1	4182	0.03	216.09	1.6	3	4.2	9.5	6.93	2.21	0.81	2.01
0075	750025	9247060	459	X	110763	X	417.7	4.94	0.11	5008	0.06	117.78	1.7	4	4.95	2.4	3.76	0.81	0.72	1.48
0076	749823	9247054	384	X	135990	X	245	9.64	0.31	7458	0.02	58.13	15.3	42	9.33	11.7	2.23	0.74	0.71	2.74
0081	751218	9247450	441	0.06	111654	0.7	883.6	4.95	0.21	11048	0.05	406.19	8.1	32	6.42	20.3	10.67	2.76	3.34	2.91
0082	751030	9247459	418	0.07	111880	0.9	1046.2	5.09	0.27	10481	0.03	278.83	9.2	35	8.49	39.3	4.78	1.69	2.07	3.43
0083	750816	9247448	435	X	106736	1.6	878.9	5.69	0.17	7937	0.02	393.42	8.1	4	6.42	1.2	5.19	1.71	2.26	3.46

	Gd	Ge	Hf	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pr	Rb
"SUMEQSS"	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
0043	8.4	1.8	3.08	1.61	0.05	10595	39.02	52.2	0.63	13570	634	X	20112	7.14	40.88	42	2153	19.4	10.45	94.29
0044	20.35	1.6	5.38	1.31	0.09	37456	219.85	130.9	0.23	6044	452	0.4	24806	48.99	147.05	21	417	45.8	42.52	418.94
0045	6.88	2.1	2.12	0.96	0.09	11635	32.24	119.7	0.46	16177	643	0.6	9879	14.89	35.05	83.2	180	16.2	8.7	82.41
0046	8.48	1.7	2.96	0.69	0.08	21518	66.11	96.5	0.26	7924	592	0.8	14768	23.24	52.06	50	197	42.5	14.46	162.68
0047	7.13	1.9	2.35	0.88	0.07	16593	45.3	71.2	0.39	17115	1077	0.9	19756	17.06	40.92	66.7	437	24.7	10.79	104.98
0048	9.5	1.8	3.02	0.83	0.1	28126	81.52	116.5	0.24	13386	613	0.4	18422	23.35	62.36	69.3	263	35	17.4	189.19
0049	12.15	1.5	3.44	1.07	0.2	29489	92.44	233	0.28	12893	688	0.6	18935	49.26	74.92	43.7	251	69.2	20.37	320.4
0050	7.71	1.7	2.62	0.85	0.06	9511	47.46	35.8	0.38	9951	836	0.6	14168	22.36	45.17	53.6	184	19.1	11.61	60.72
0051	7.86	2.1	2.42	0.72	0.09	23443	44.95	66.7	0.32	18128	1075	0.7	9297	15.61	45.13	81.5	204	23.2	11.55	139.43
0052	9.45	1.8	2.35	0.93	0.06	20881	62.08	90.2	0.3	15725	868	0.4	21024	17.82	53.52	61.2	783	28.3	14.24	129.12
0053	18.4	1	5.78	1.48	0.21	42853	134.45	90.2	0.35	12732	409	0.3	8893	30.04	113.28	51.2	2257	38.8	30.18	222.25
0054	8.87	1.5	5.14	0.87	0.08	40952	68.38	213.9	0.25	11696	499	0.5	14789	32.13	49.58	63.2	318	61.1	13.8	480.07
0055	4.23	2.2	2.35	0.58	0.08	15465	22.5	111.8	0.31	14396	657	0.6	9585	21.39	23.61	71.4	158	17.3	6.01	162.24
0056	10.72	1.8	4.11	0.93	0.07	15283	77.53	77.8	0.35	7689	777	0.8	13604	28.03	67.08	48.5	358	25.5	18.19	136.46
0057	7.16	2	2.29	1.18	0.09	10103	31.02	136.6	0.49	20880	1365	0.3	22919	16.36	33.05	71.8	299	16	8.33	91.53
0058	13.54	1.5	5.25	1.24	0.15	27663	130.22	132	0.4	16226	758	0.5	20636	26.31	88.95	86.9	382	50.4	25.54	237.81
0059	12.03	1.3	4.54	1.03	0.07	33671	91.74	141.3	0.3	7877	541	0.5	17919	40.64	69.61	24.7	229	76.9	19.67	250.08
0060	9.2	1.6	2.52	0.98	0.07	21473	64.93	132.7	0.33	14900	773	1	12586	32.96	51.21	87.2	405	84.4	14.21	340.05
0061	7.55	1.1	1.9	0.93	0.05	13738	46.98	119.1	0.35	18138	581	0.3	11501	17.94	42.44	123.8	468	40.8	11.04	162.51
0062	14.16	1.6	7.28	1.19	0.07	28109	123.29	121.7	0.41	8188	725	0.4	28535	81.88	85.54	16.1	323	61.4	24.75	410.02
0063	5.96	2.3	3.77	0.39	0.04	24706	42.34	56.7	0.15	3289	718	0.8	35594	212.88	34.83	13.2	323	39.6	9.72	267.52
0064	7.05	1.1	4.52	0.6	0.07	31174	87.34	71.1	0.16	10329	304	0.3	15589	29.84	57.17	39.5	227	57.8	16.74	220.52
0065	16.65	1.5	4.08	1.03	0.09	33634	146.92	230.4	0.18	15829	486	1	18391	25.3	106.67	109.4	339	67.5	31.48	267.53
0066	15.12	1.2	4.67	0.98	0.05	40419	148.84	77.4	0.21	7709	360	0.6	25250	27.64	98.75	39.7	353	79.5	30	286.57
0067	5.32	1.2	3.04	0.49	0.03	26727	40.64	78.4	0.17	12970	487	0.2	31185	26.29	30.85	52.4	274	61.7	8.67	180.44
0068	10.97	1	4.81	0.71	0.04	33716	108.2	54.5	0.21	4715	202	0.4	28646	31.32	74.21	11.4	249	62.9	22.06	162.81
0069	13.27	1.7	5.07	1.47	0.08	29849	110.01	60.9	0.52	11010	758	0.5	12068	33.85	82.38	63.6	185	106.4	24.11	211.73
0070	6.77	2.2	2.59	0.78	0.08	38733	50.21	57.5	0.46	6082	482	0.1	23083	200.33	37.84	18.9	217	61.8	11.09	351.08
0071	8.27	2.3	2.81	0.98	0.1	35208	77.48	71.7	0.57	6615	542	0.1	22923	156.66	53.67	20.3	272	49	16.28	360.95
0072	6.81	2	5.33	0.55	0.11	32620	54.65	42	0.2	1860	517	0.3	27145	108.77	44.2	4.7	306	61.2	12.97	244.65
0073	6.45	1.1	6.89	0.45	0.06	46223	66.73	20.5	0.11	2214	129	0.2	22541	51.38	46.18	1.3	325	60.7	13.74	325.48
0074	13.24	1.3	8.49	1	0.08	38867	98.62	26.2	0.26	3222	117	0.2	23456	59.42	83.34	1.2	339	54.4	24.29	226.08
0075	8.54	0.9	4.08	0.46	0.02	56849	63.15	25.3	0.07	3664	161	0.2	15739	29.35	40.58	1.7	188	131.3	12.21	392.97
0076	3.77	1.4	1.8	0.34	0.05	22429	33.64	51.2	0.08	5397	275	0.4	13845	36.48	21.55	63.3	164	91.4	6.55	252.3
0081	22.12	0.8	8.53	1.35	0.04	46621	220.44	80	0.25	8245	381	0.6	19386	39.42	149.59	22.7	398	76.3	45.55	297.58
0082	9.33	0.8	2.95	0.7	0.04	52706	156.01	71.6	0.15	11607	263	0.1	7753	18.65	89.93	27.7	970	120.6	28.67	317.04
0083	11.06	1.1	6.29	0.76	0.03	36935	260.67	52.4	0.15	5904	222	1.6	26112	37.5	135.39	3.5	267	67.9	45.06	280.43

	Re	S	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
"SUMEQSS"	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
0043	X	16.3	X	8.81	2.1	278.67	0.58	1.29	X	12.31	3546	0.55	0.66	1.52	93	1.4	42.99	4.35	70	103.4	X	16.3
0044	X	7.2	X	26.52	17.8	95.85	11.6	2.32	X	100.61	3313	2.22	0.28	11.45	39	3.9	31.19	1.62	118	165	X	7.2
0045	X	24.7	X	7.79	4.4	123.41	1.73	0.93	X	8.01	6331	0.73	0.42	4.29	170	3.7	25.16	3.12	86	75.2	X	24.7
0046	X	14.6	X	10.61	5.4	107.76	4.86	1.02	X	25.25	6030	1.07	0.23	5.52	94	2.7	17	1.6	68	93.4	X	14.6
0047	X	17.9	X	8.35	3.5	212.49	2.05	0.94	X	14.81	4611	0.7	0.37	7.29	135	1.6	22.81	2.64	98	82.2	X	17.9
0048	X	15.2	X	11.82	5.4	112.86	2.09	1.14	X	27.29	5900	1.13	0.24	5.48	101	2.7	20.47	1.59	122	100.6	X	15.2
0049	X	14.7	X	15.24	12.7	144.9	17.09	1.51	X	38.42	6548	2.1	0.3	7.04	87	2.8	26.47	1.84	230	112.2	X	14.7
0050	X	16.8	X	9.28	2.3	146.89	5.74	0.97	X	11.91	6613	0.47	0.35	2.38	124	7.2	22.68	2.48	64	89.1	X	16.8
0051	X	23.7	X	9.22	3.9	109.9	1.2	0.96	X	12.84	6805	0.83	0.26	2.53	186	7.4	17.53	2	119	84.4	X	23.7
0052	X	17.8	X	11.11	3.7	199	1.54	1.15	X	18.18	6334	0.77	0.3	3.7	126	1.8	21.99	2.02	99	85.6	X	17.8
0053	X	12.7	X	22.28	6.8	72.11	2.33	2.18	X	39.7	7915	1.45	0.39	9.22	92	2.7	36.74	2.37	237	201.9	X	12.7
0054	X	14.4	X	10.15	15.2	64.21	7.53	1.14	X	29.56	3852	2.91	0.25	7.91	70	4.3	20.89	1.64	95	162.7	X	14.4
0055	X	23.6	0.6	5.15	4.2	107.31	8.07	0.59	X	8.2	6976	0.96	0.27	1.95	172	1.5	13.73	1.93	85	80.2	X	23.6
0056	X	15.6	X	13.77	4.2	129.45	18.41	1.34	X	25.07	7441	0.84	0.33	5.04	114	2.4	22.9	2.18	71	142.6	X	15.6
0057	X	24.2	X	7.45	4.1	206.78	1.34	1.1	X	10.48	8769	0.58	0.49	1.81	177	1.2	31.58	3.16	104	78.9	X	24.2
0058	X	18.7	X	17.14	10.1	122.28	3.05	1.75	X	63.28	4871	1.55	0.41	6.88	93	2.7	32.91	2.68	120	172.4	X	18.7
0059	X	12.1	X	15.24	9.1	74.93	12.74	1.56	X	42.97	3632	1.59	0.31	8.83	64	2.3	25.93	2.03	52	127.4	X	12.1
0060	X	13.6	X	10.85	14.8	114.97	6.93	1.21	X	25.81	5768	2.26	0.36	7.74	96	5.8	26.67	2.24	136	73.3	X	13.6
0061	X	13.1	X	8.92	9.5	143.81	2.48	1.03	X	16.89	3559	1.17	0.35	5.56	92	2.4	26.82	2.32	75	46.8	X	13.1
0062	X	7.6	X	17.69	9.5	115.65	24.33	1.91	X	78.45	3330	2.37	0.4	13.68	38	1.9	32.84	2.53	90	243.9	X	7.6
0063	X	4.9	X	7.88	8.7	60.42	29.95	0.72	X	30.48	1506	1.49	0.13	7.6	27	4.1	10.02	0.97	59	107.4	X	4.9
0064	X	7.7	X	9.96	6.9	160.77	3.07	0.85	X	42.19	3447	1.38	0.18	7.61	55	2	16.35	1.06	86	154	X	7.7
0065	X	15.8	0.9	20.76	6	99	3.24	1.94	X	68.18	4091	1.69	0.21	10.39	99	2.9	23.11	1.27	107	131.8	X	15.8
0066	X	6.1	0.8	19.28	6.6	89.49	4.29	1.8	X	93.79	1651	1.7	0.23	10.97	28	2.8	23.18	1.39	50	135.8	X	6.1
0067	X	7.6	0.5	6.71	7.9	382.44	4.03	0.66	X	36.96	2170	0.94	0.17	13.85	45	1.6	13.11	1.21	61	82.3	X	7.6
0068	X	4.5	0.6	14.45	3.5	157.4	4.12	1.27	X	64.79	1709	0.84	0.19	8.91	24	1.2	21.31	1.23	49	170.3	X	4.5
0069	X	15.1	0.7	16.38	6.3	122.56	3.5	1.71	X	65.79	5204	1.37	0.55	7.54	94	11.1	38.05	3.57	288	164.8	X	15.1
0070	X	7.1	X	8.6	14.5	53.95	16.55	0.98	X	33.03	1375	1.63	0.4	15.97	19	4.2	21.93	3.27	50	56.6	X	7.1
0071	X	8.5	X	10.92	17.6	43.58	14.04	1.14	X	42.54	1563	1.68	0.49	16.75	21	4.3	28.46	3.95	54	72.2	X	8.5
0072	X	8.6	X	9.45	19.3	55.05	8.02	0.87	X	70.54	1513	1.6	0.19	16.06	12	3.4	12.1	1.26	46	135.9	X	8.6
0073	X	5.7	X	9.01	16.1	65.9	3.76	0.76	X	57.89	1230	1.71	0.11	8.88	8	2.7	11.44	0.69	25	194.5	X	5.7
0074	X	7.7	X	17.9	20.9	48.24	3.67	1.6	X	97.2	1401	1.7	0.29	11.46	9	1.5	22.57	1.79	57	209.9	X	7.7
0075	X	2.6	X	9.88	13.2	64.84	2.44	1.01	X	55.58	819	2.15	0.08	4.94	8	1.3	11.16	0.45	48	97.7	X	2.6
0076	X	5.3	X	4.68	18	38.31	8.27	0.51	X	24.6	1110	1.67	0.1	5.45	24	4.9	8.68	0.62	72	42.8	X	5.3
0081	X	5.3	0.8	28.54	3.3	91.32	4.34	2.56	X	151.08	2541	1.5	0.29	16.35	35	1.8	32.85	1.7	68	278.9	X	5.3
0082	X	5.6	0.5	13.88	8.2	135.81	1.8	1.05	X	64.7	2835	1.79	0.19	9.28	40	1.7	18.91	1.13	77	91.1	X	5.6
0083	0.07	4.7	0.9	18.01	10.8	170.51	3.38	1.16	X	165.23	2619	1.63	0.2	25.87	22	1.1	20.56	1.16	89	228.1	0.07	4.7

			Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga
"SUMEQSS"	East	North	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
0084	750624	9247450	X	114083	0.9	716.9	5.69	0.16	603	X	402.09	1.3	10	4.94	1.1	7.56	2.22	2.59	1.61	34.42
0085	750432	9247459	X	124976	0.8	804.9	4.21	0.12	2581	0.02	176.36	1.6	5	9.51	1.6	4.92	1.56	1.29	1.85	40.08
0086	750205	9247450	X	106303	0.6	90.6	2.66	0.14	4225	0.02	26.16	1.5	3	5.59	2.3	1.77	0.54	0.16	1.21	45.15
0087	750001	9247465	X	125489	0.6	285.5	6.84	0.09	1444	X	57.56	14.1	48	9.17	1.4	2.06	0.48	0.52	2.02	41.64
0088	749830	9247465	X	124092	X	378.7	6.25	0.3	6185	0.03	133.89	8.8	32	7.83	17.7	4.44	1.47	1.02	2.61	36.04
0098	750622	9247864	X	100060	1.9	789.6	2.04	0.1	504	X	336.49	1	7	6.6	0.8	7.32	1.47	2.05	1.29	28.4
0099	750418	9247852	X	120446	1.7	537.1	4.25	0.19	679	X	351.84	1.3	11	9.01	1.3	7.84	1.94	2.33	1.75	39.38
0100	750233	9247846	0.05	114186	0.8	563.5	5.7	0.29	14289	0.08	178.8	17.2	34	10.36	27.4	5.66	1.93	2.3	3.82	31.66
0101	750031	9247851	X	144890	0.7	347.1	11.91	0.36	10438	0.06	86.24	7.5	32	12.77	9.3	3.25	1.18	1.14	1.77	36.89
0102	749827	9247858	0.07	105960	X	855.1	5.53	0.5	10203	0.06	185.03	22.4	98	11.66	13	7.34	2.9	2.39	4.08	25.64
0112	750616	9248248	X	134130	2.4	495.3	3.75	0.57	960	0.02	374.45	1.8	11	7.7	1.4	8.03	2.11	2.36	2.17	49.24
0113	750418	9248258	0.06	106247	0.7	274.3	4.8	0.25	15451	0.07	153.97	16.1	71	7.6	12.2	5.28	1.52	1.07	2.7	30.23
0114	750231	9248248	X	129925	0.6	276.5	10.02	0.37	8122	0.02	60.09	11.5	60	14.54	5.7	1.75	0.47	0.55	2.24	42.52
0115	750010	9248251	X	108246	X	898.7	4.1	0.57	14013	0.1	100.93	19.5	125	14.48	40.3	6.55	3.11	1.96	6.35	27.63
0116	749807	9248251	0.06	96688	X	914.7	5.61	0.41	18680	0.07	81.66	12.8	86	8.08	13.2	3.4	1.47	1.1	3.46	23.34
0126	750623	9248652	X	106775	2.2	446.3	3.94	0.13	1261	0.03	85.61	1.4	14	5.1	2.6	3.16	0.79	0.74	1.03	33.62
0127	750416	9248654	0.08	127851	0.6	364.7	6.52	0.14	910	X	46.53	16.9	90	17.68	1.4	1.87	0.57	0.66	3.24	34.22
0128	750220	9248655	X	96290	0.7	892.9	4.38	0.4	21170	0.08	107.65	13.9	98	12.05	1.3	8.32	4.6	2.1	3.49	21.82
0129	750016	9248650	X	101883	X	102.5	1.45	0.7	1936	0.04	11.4	2.9	16	3.2	3.9	1.96	1.25	0.08	1.36	35.45
0130	749825	9248653	X	92911	X	235.9	1.76	0.16	6518	0.03	227.4	4.3	26	3.35	4.5	7.65	1.89	1.14	1.49	29.11
0140	750625	9249046	X	101786	2.3	925.7	4.8	0.22	5443	0.03	217.01	11.4	15	11.89	11.7	6.91	2.11	2.37	4.11	33.31
0141	750430	9249055	X	100520	1.2	198.5	3.13	8.51	2369	0.05	70.03	3.6	13	4.29	3.9	4.66	1.65	0.63	1.29	39.43
0142	750215	9249056	0.06	108180	1.2	469.1	8.99	6.54	7742	0.07	167.93	27.5	104	12.73	130.8	8.08	3.22	1.75	5.83	34.48
0143	750019	9249042	X	101389	1.2	596.3	4.43	0.2	27230	0.12	583.89	8.8	46	5.85	2.1	16.86	3.79	5.52	2.27	20.77
0144	749825	9249056	X	91410	0.6	707	8.37	0.3	16288	0.08	99.11	12.6	89	12.75	6.6	4.73	1.94	1.5	3.69	23.58
0145	751625	924940	0.09	104630	0.6	708.3	4.8	0.4	11542	0.06	176.65	20.4	144	7.04	33.3	5.82	1.83	2.06	5	28.7
0146	751402	9249431	0.16	115657	0.9	631.9	7.16	8.21	3340	0.13	202.25	25.4	95	10.9	19	6.23	2.22	2	4.19	38.13
0147	751221	9249449	X	105200	1	837.8	5.03	0.33	6729	0.03	80.84	10.6	51	8.56	10	2.17	0.68	1.08	2.97	27.5
0148	751055	9249415	X	102842	1	447.9	5.83	0.47	6735	0.06	206.84	2.4	3	8.55	4.3	4.04	1.3	1.03	1.97	32.89
0149	750818	9249439	X	122062	5.2	494.8	5.54	0.53	4724	0.04	306.52	14.9	68	14.42	10.5	8.79	2.34	2.25	4.2	38.33
0150	750621	9249459	0.05	105351	X	670.8	4.4	2.6	11566	0.07	151.37	31.3	143	10.9	52	5.51	1.91	1.9	7.17	27.68
0151	750418	9249455	X	85260	X	283.1	2.38	2.76	7420	0.07	56.93	9	39	3.8	21.7	2.49	1.06	0.86	1.89	21.93
0152	750228	9249439	X	99610	0.8	944.9	3.37	0.32	17636	0.14	104.71	18	106	11.46	49.1	7.17	3.39	2.05	5.36	25.19
0153	750020	9249446	X	75921	6.1	431.3	2.72	0.45	46376	0.26	87.39	17.4	87	7.4	9.7	6.39	3.22	1.6	4.55	19.95
0154	749813	9249458	0.05	102395	1	1387.7	11.99	0.84	30456	0.13	136.61	16.2	103	18.79	42.9	10.48	5.47	2.16	4.88	26.02

	Gd	Ge	Hf	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pr	Rb
"SUMEQSS"	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
0084	15.7	1	4.53	1.04	0.03	63266	227.88	28.3	0.16	3525	94	0.3	6586	43.94	135.98	1.7	361	60.2	43	481.13
0085	8.41	1.3	8.71	0.68	0.07	57760	97.8	33.5	0.18	5759	178	0.3	12961	78.33	64.05	1.9	449	54.9	19.36	471
0086	2.95	2	2.1	0.25	0.11	28584	10.62	58.5	0.07	2066	144	0.2	21551	89.2	12.72	1.6	137	39.9	3.43	180.79
0087	4.31	1.2	2.82	0.24	0.06	51121	32	50.8	0.06	7965	276	0.5	3992	58.25	21.58	31.5	176	32.5	6.43	468.73
0088	8.13	1.5	3.07	0.62	0.09	37082	70.41	44.6	0.19	5451	433	0.3	14109	51.38	51.37	22.6	213	48.4	14.52	328.51
0098	18.13	0.6	3	0.86	0.02	66561	181.99	19.8	0.07	4909	75	0.3	2966	30.46	116.27	1.5	276	53.5	36.51	421.88
0099	17.38	1.3	6.44	0.99	0.06	62259	193.92	24.1	0.14	3179	111	0.5	4294	51.15	124.72	2.3	350	72.7	38.74	495.07
0100	9.93	1.4	2.77	0.82	0.06	28092	103.49	61.2	0.19	13530	618	0.4	18979	36.13	68.44	43.8	426	75.3	20.62	310.98
0101	5.04	1.4	1.39	0.49	0.04	28990	52.01	67	0.13	4505	322	0.3	9867	38.85	33.56	32.4	189	46.6	10.03	309.48
0102	10.97	1.4	1.92	1.15	0.07	33231	93.76	50.4	0.34	7072	991	0.4	9876	34.46	69.87	57	319	35.1	19.6	180.67
0112	15.7	1.5	5.22	1.05	0.09	66130	209.76	40	0.14	5404	131	0.3	6449	94.23	124.78	2.2	371	43.8	40.22	557.86
0113	10.3	1.6	3.1	0.71	0.05	29381	81.75	47.1	0.17	13471	512	0.2	24714	62.54	59.92	45.5	243	53.7	17.73	271.62
0114	3.41	1.4	2.38	0.23	0.06	31507	34.79	51.2	0.07	6739	223	0.4	13594	76.18	21.55	84.7	189	44.7	6.61	308.68
0115	8.3	2.6	1.64	1.18	0.1	23277	51.04	55.3	0.42	14609	786	0.3	10263	19.44	47.71	57.7	301	23.3	12.69	139.65
0116	5.12	1.4	2.09	0.56	0.05	31154	42.03	34.5	0.21	10085	613	0.3	14848	57.66	31.42	40.2	492	48.8	8.83	196.13
0126	6.21	1.4	2.68	0.39	0.03	72082	45.97	19	0.1	3194	796	0.2	8385	46.47	33.5	2.6	373	81.4	9.89	499.1
0127	3.42	1	1.47	0.25	0.08	56734	25.37	74.5	0.07	15998	281	0.2	4067	22.71	18.99	54.3	154	27.4	5.53	533.68
0128	8.98	1.3	2.02	1.62	0.08	30305	64.21	45.9	0.59	12330	634	0.1	14171	21.67	49.78	43.4	1393	39.1	13.84	132.6
0129	1.67	3	1.49	0.36	0.11	37280	3.87	48.1	0.35	1306	903	0.3	24252	167.49	6.09	13.4	173	36.9	1.52	192.73
0130	15.91	1.8	1.84	0.94	0.12	47121	96.78	22.1	0.15	3805	296	0.1	24594	52.05	102.18	11.9	325	57.6	27.27	200.18
0140	13.12	1.2	6.56	0.97	0.06	53968	126.26	59.8	0.19	13799	585	0.3	10059	47.34	82.12	10.1	670	61.5	24.52	424.74
0141	7.21	2.8	3.5	0.65	0.1	44416	28.13	40	0.33	2022	812	0.3	25092	211.82	33.5	7.1	337	42.7	9.18	289.49
0142	12.94	4	1.81	1.25	0.15	25774	82.02	54	0.68	11657	1417	1.7	13563	108.28	77.51	78.3	397	21.6	21.25	398.7
0143	32.44	1.5	3.62	2.08	0.03	26007	305.73	42.9	0.22	8670	349	X	25578	9.26	228.91	25.6	1684	25.7	67.36	134.53
0144	6.84	2.1	2.7	0.76	0.08	29192	52.51	42.2	0.27	15889	754	X	17867	39.55	41.84	42.1	497	28.2	11.65	221.8
0145	10.22	1.6	6.22	0.82	0.07	33277	94.74	77.2	0.27	12716	962	1.1	21521	52.53	67.52	57	302	53.9	20.08	298.77
0146	10.34	2	5.43	0.96	0.11	44174	109.15	102.9	0.35	10400	1456	0.5	16246	140.13	76.02	48.8	747	30.7	22.58	568.63
0147	4.11	0.9	2.94	0.3	0.05	51644	45.45	78	0.07	13087	269	0.1	10592	14.74	30.5	37.3	405	84.6	9.08	272.7
0148	8.35	1.5	6.94	0.57	0.04	41078	112.75	53.7	0.16	5460	337	0.1	26910	52.3	72.02	2.2	476	47.2	22.43	417.87
0149	17.46	1.4	5.63	1.12	0.1	47147	163.79	125.5	0.24	12476	493	0.2	10477	50.33	116.67	41.8	503	51.3	34.66	367.47
0150	10.11	2.7	2.4	0.79	0.11	24692	70.65	92.5	0.34	16549	1616	0.6	17585	91.9	65.45	85.9	455	23	17.31	209.34
0151	4.05	2.5	2.61	0.38	0.06	27648	24.79	28.7	0.26	3831	589	0.3	27228	169.01	23.7	29.1	369	31.2	6.35	159.97
0152	9.23	2.9	1.87	1.26	0.09	22646	55.98	63.5	0.43	10471	727	0.2	13821	17.21	51.95	45	477	22.9	13.92	131.61
0153	7.35	1.9	2.1	1.15	0.07	17298	46.73	39.1	0.42	70851	903	X	3424	13.94	41.38	45.8	989	15.7	11.3	105.38
0154	12.69	3.9	2.94	1.91	0.09	31128	66.95	52	0.7	7350	786	0.8	9738	38.34	62.09	40.9	838	23.3	16.48	225.76

	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
"SUMEQSS"	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
0084	X	3	1	24.06	11.4	55.94	4.36	1.73	X	166.48	1018	2.21	0.26	9.98	17	3.5	26.26	1.34	29	123.1
0085	X	5.2	0.5	11.86	16.7	59.44	13.45	1.05	X	98.47	1131	2.34	0.2	14.17	10	2.9	17.41	1.19	28	236.8
0086	X	8.8	X	3.53	14.7	16.11	5.75	0.38	X	21.16	1095	1.23	0.07	7.46	6	2.5	4.14	0.47	36	49.5
0087	X	5.7	0.5	5.54	18.9	27.52	10.84	0.54	X	24.39	832	2.39	0.06	4.37	21	6.3	6.53	0.42	56	61.1
0088	X	10.6	X	10.78	16.7	65.05	4.83	0.99	X	44.13	2497	1.66	0.2	9.64	36	13.3	16.35	1.26	51	76.3
0098	X	2.3	X	24.18	6.2	91.39	2.55	1.92	X	164.9	851	2.12	0.12	4.43	12	1.8	20.39	0.55	22	81.2
0099	X	4.2	1.1	24.58	13.1	50.61	5.85	1.93	X	156.56	1541	2.46	0.2	9.34	16	2.3	24.38	1.09	28	172.8
0100	X	9.1	0.7	12.9	15.2	163.75	4.52	1.23	X	58.91	4765	1.58	0.24	9.5	61	2.7	22.58	1.42	77	86.1
0101	X	4.4	0.7	6.52	26.6	64.84	7.92	0.66	X	23.05	903	1.73	0.16	6.23	19	9.1	13.83	1.01	42	34.5
0102	X	11.8	X	13.65	10.4	110.04	3.23	1.47	X	34.44	3373	1.02	0.4	4.86	64	7.5	30.54	2.39	52	65.2
0112	X	5.9	0.6	22.89	19.4	39.53	12.07	1.87	X	181.35	1442	2.49	0.22	9.76	18	7.1	26.18	1.13	36	146.5
0113	X	9.4	X	13.34	15	103.31	6.1	1.21	X	61.72	1780	1.5	0.2	11.15	36	2.7	17.57	1.23	59	73.6
0114	X	4.6	0.6	4.61	24.7	52.61	17.07	0.43	X	21.04	800	1.85	0.06	3.26	17	7.3	5.8	0.45	51	50.4
0115	0.07	21.7	X	9.8	4.8	98.65	1.45	1.22	X	17.1	6739	0.87	0.45	2.91	161	4.5	30.38	2.84	96	52.5
0116	X	9	X	6.26	11.6	128.14	6.17	0.68	X	15.07	3014	1.06	0.21	5.06	55	6.1	15.03	1.38	48	59
0126	X	2.8	X	8.02	10.6	54.6	6.05	0.76	X	34.45	855	2.46	0.1	4.23	11	1.7	10.71	0.7	30	63.3
0127	X	8.7	0.5	4.37	15.6	25.11	3.48	0.43	X	17.65	1533	2.65	0.08	2.78	40	6.7	6.41	0.49	55	35.6
0128	0.07	13.3	X	9.72	5.3	157.09	2.13	1.36	X	19.98	3544	0.75	0.65	2.17	52	1.4	43.95	4.15	56	71.1
0129	X	12.1	X	1.84	3.8	8.06	8.42	0.31	X	10.47	1054	1.04	0.25	18.96	14	4.5	6.62	2.14	23	28.2
0130	X	13.6	X	22.79	6.5	49.37	2.82	1.9	X	69.57	1624	1.08	0.22	9.57	19	1.3	21.97	1.19	25	45.4
0140	0.14	9	0.8	16.19	10.9	120.07	5.09	1.58	X	69.96	8772	2.09	0.24	13.96	104	2.7	24.14	1.39	79	214.8
0141	X	8	X	9.12	7.5	25.04	21	0.97	X	34.53	1286	1.59	0.28	9.33	18	5.8	14.69	2.14	35	71.8
0142	0.28	21.5	0.9	16.04	7.7	48.21	11.69	1.69	0.3	31.49	5493	2.05	0.52	9.86	132	33.9	31.99	4.28	102	46.6
0143	X	5.7	X	41.31	2.5	123.98	0.95	3.85	X	117.02	1825	0.65	0.37	9.67	30	3.1	46.52	1.83	35	124.8
0144	0.11	12.1	X	8.42	8	115.14	4.76	0.96	X	17.49	3415	1.08	0.27	4.43	56	9.6	19.69	1.83	64	84.8
0145	X	14.1	0.6	13.16	6.1	114.05	10.03	1.28	X	44.03	4005	1.56	0.25	12.36	99	3	20.51	1.7	92	197.4
0146	X	10.1	0.7	14.23	9	59.79	16.57	1.3	X	47.43	4682	2.57	0.33	11.97	71	7.2	25	2.37	82	184.4
0147	0.05	6.2	X	5.49	6.4	112.17	1.4	0.48	X	18.65	2379	1.41	0.08	4.87	39	2.9	8.17	0.45	59	93.7
0148	X	3.5	X	12.57	10.7	82.41	8.36	0.91	X	80.93	1491	2.23	0.16	10.2	8	2	14.89	1.07	56	196.7
0149	0.12	13.5	1	22.97	9.1	106.22	4.82	2.02	X	117.01	3930	1.92	0.27	11.74	74	3.7	28.29	1.59	81	237.5
0150	X	22.1	0.7	12.93	4	120.15	6.23	1.24	X	17.23	8877	1.02	0.29	8.99	157	2.7	19.3	2.17	104	83.3
0151	X	8.4	X	5.25	2.2	80.41	13.97	0.53	X	8.81	2198	0.86	0.19	4.63	37	3.9	10.1	1.55	43	60
0152	0.05	18.6	0.9	10.5	4.8	118.99	1.4	1.3	X	17.2	5818	0.85	0.46	3.48	120	3.5	32.72	3.06	91	61.4
0153	1.12	16.5	0.5	8.28	3.9	53.95	1.1	1.09	X	15.48	4270	0.64	0.45	1.96	93	6.9	29.95	2.93	92	64.6
0154	0.82	18	X	13.63	11.8	150.86	15.81	1.86	X	22.96	8267	1.32	0.77	7.67	130	62.7	55.85	4.93	85	91.6

APPENDIX B - JORC Table 1

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections)

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.*	• Soil samples were collected from the B-horizon at each site, typically at a depth of ~20–30 cm (up to 50 cm) using hand-held tools. • Approximately 1 kg of soil was collected per site via hand held trowel from the base of the excavated hole, with care taken to minimise collections of infill material from disturbance of the walls of the excavation. • The collected material was sieved to <2 mm to remove coarse fragments, vegetable matter and other debris, with the fines fraction reserved as the collected sample. • Clean, new, chemical free brown paper geochemistry sample bags were filled using a plastic spoon, with approximately 200grams of material collected per-sample. • A duplicate sample was collected at every site to enable check assays should they be warranted.
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	• Not applicable – this announcement relates to surface soil sampling only.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• Not applicable.
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	• Not applicable. Basic field observations were recorded at each soil sample site (e.g. soil colour, grain size, vegetation cover, slope).
Sub-sampling techniques and	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled,*	• Samples were dry sieved to <2 mm in the field. • The fines material was then scooped via spoon into geochemical sample bags. Duplicate samples were collected in the same manner.

sample preparation	*rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• This sampling technique is recognised as industry standard for early stage soil geochemistry programs. • Sample preparation was conducted by Intertek Laboratories in Maddington, WA, using standard procedures appropriate for geochemical soil analysis. • Sample sizes are considered appropriate for the material grainsize, and method of analysis used, to maintain suitable representivity, and minimise sampling bias.
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	• Samples were subjected to four-acid digest ($HCl–HNO_3–HF–HClO_4$) and analysed using ICP-OES / MS finish, suitable for effective total digestion of most rock-forming minerals. This technique is appropriate for trace-level multi-element soil geochemistry including Li, Cs, Rb, Ta, Sn, W, REEs, and Y. • Intertek undertook internal QA/QC protocols including analysis of standards, blanks and duplicates. QA/QC results were reviewed and considered acceptable for this early-stage exploration program • No geophysical tools or handheld XRF were used in this program.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• Fieldwork was conducted under supervision of senior geological staff. • Data is preliminary and no independent laboratory verification has yet been conducted.
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• Field data was recorded using handheld GPS devices and field notebooks, and later entered into a central digital database with validation checks.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	• Soils samples were collected on a nominal grid of 200m easting, and 400m northing, aligned to the national UTM grid SIRGAS2000, Zone 24S.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have*	• Not applicable.

	introduced a sampling bias, this should be assessed and reported if material.	
Sample security	• *The measures taken to ensure sample security.*	• Samples were stored at the company's site-based storage facility, monitored by staff members. When batched, samples were dispatched directly to Intertek Laboratories by DHL International Couriers. • Sample security is not considered a risk.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No external reviews have been conducted.

Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	• The Equador Project comprises three contiguous tenements that transgress the boundaries between the states of Paraíba and Rio Grande do Norte in the northeast of Brazil. • These tenements comprise two granted exploration licenses (848307/2024 and 848075/2024) and a fully permitted Mining Lease (848262/2024) • All tenements are in good standing, with expiries in 2027, and with access agreements in place with all surface rights owners. • No other significant interests or royalties apply, and none of the tenements occur within conservation regions of special ecological significance. • Tenements are either held directly by Summit Minerals Ltd through their wholly owned Brazilian subsidiary (Summit Minerals Brazil) or are in the transfer process with the Brazilian Geological Survey (Agência Nacional de Mineração "ANM")
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• No previous operators have undertaken exploration activity of the tenements prior to the work conducted by Summit.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The geology of the Equador project comprises Neoproterozoic age metasediments (quartzo-feldspathic / pelitic Schists) of the Borborema Province; formed during the Brasiliano / Pan-African Orogeny. The quartzo-feldspathic schists within the Project show an intense foliation described by abundant muscovite and biotite; steeply dipping and striking NNE. Minor garnet prophyroblasts occur within the rocks ranging in diameter from 1-10mm. The schsists are intruded by megacrystic s-type granitoids, which transition into pegmatites. Larger exposures of granitoid show evidence of partial melting and internal pegmatite formation. Granitoids and associated pegmatites comprise quartz – k-feldspar – muscovite – tourmaline (±garnet ± tantalite/columbite). Locally, pegmatites are also host to beryl, epidote and scheelite. Outcrop is generally poor, and pegmatites may be strike parallel to the regional foliation, or cross cut at a high angle. • Mineralisation is in the form of tantalite / columbite crystals as accessory minerals within the pegmatites.

Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:*
	  ○ *easting and northing of the drill hole collar*
	  ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar*
	  ○ *dip and azimuth of the hole*
	  ○ *down hole length and interception depth*
	  ○ *hole length.*
	• *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*
		• No drilling is being reported.

Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• Data have not been aggregated. • Samples were pulverised, homogenised, and then an aliquot was split for digestion using Intertek Laboratories' standard internal procedures.
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	• Not Applicable.
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.*	• All relevant data is presented within the body of this announcement.
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.*	• All relevant analytical results are presented within the body of this announcement.
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	• All relevant information is presented within the body of this announcement.
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Selective drilling programs are planned to test the strike extent, depth and widths of pegmatite exposures sampled within this current work program.

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