

14 November 2018

Sampling on Vranje-South Project Defines Lithium & Borate Anomalies

HIGHLIGHTS

- Interpretation is completed on Phase two sampling data on Vranje-South project
- Preliminary stream sediment and soil surveys define a number of areas with elevated Lithium (Li) and Borate (B) values on the Vranje-South project
- Good correlation between B and Li zones defined in two areas
- Follow-up sampling program is currently being planned

Jadar Lithium Limited (ASX: **JDR**) ("**Jadar**" or "**the Company**") is pleased to provide the following update on its phase two sampling activities at the Vranje-South project in Serbia.

The Phase one sampling program had originally consisted of scout mapping, soil & stream sediment sampling along district scale faults within the permit, to determine whether anomalous Li and B mineralisation was present. As a result of the initial program, a number of areas with elevated lithium and boron values were outlined. The Phase two work program consisted of further sampling to determine the extent and trends of the anomalies.

Phase two soil sampling results

The results of the phase two soil sampling program, in conjunction with the results from phase one, indicated a number of areas with anomalous lithium and boron values. There is generally positive correlation between the two elements in a number of zones, mainly the central and eastern portion of the license area.

The lithium values peak at 220ppm, with a number of samples grading above 150ppm. These values cluster in a number of clear trends (refer to Figure 1 for combined phase one and two Li results).

The boron values peak at 826ppm, while a number of samples cluster and define anomalous zones with B values above 300ppm.

Importantly, the two elements appear to define a similar trend and anomalous value distribution.

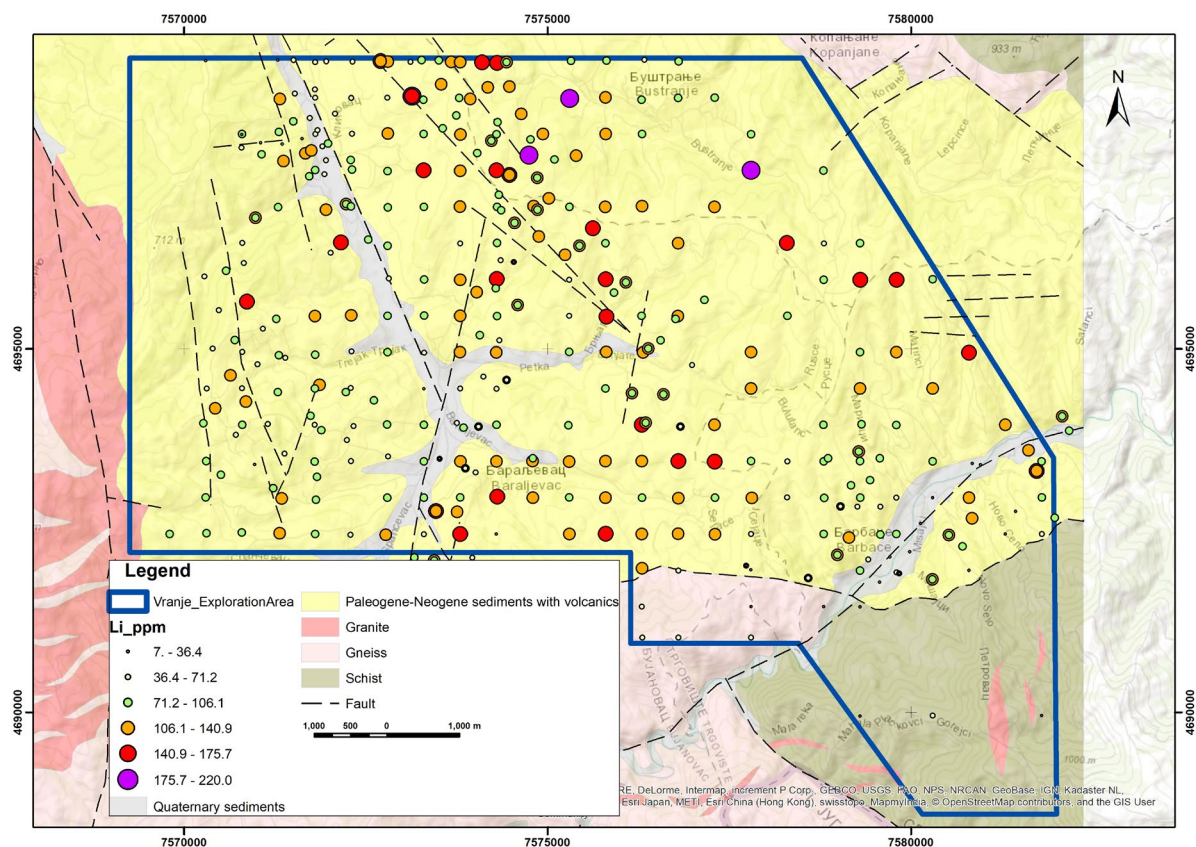


Figure 1 – Vranje-South project area with Phase 1 and Phase 2 lithium values in soil sampling

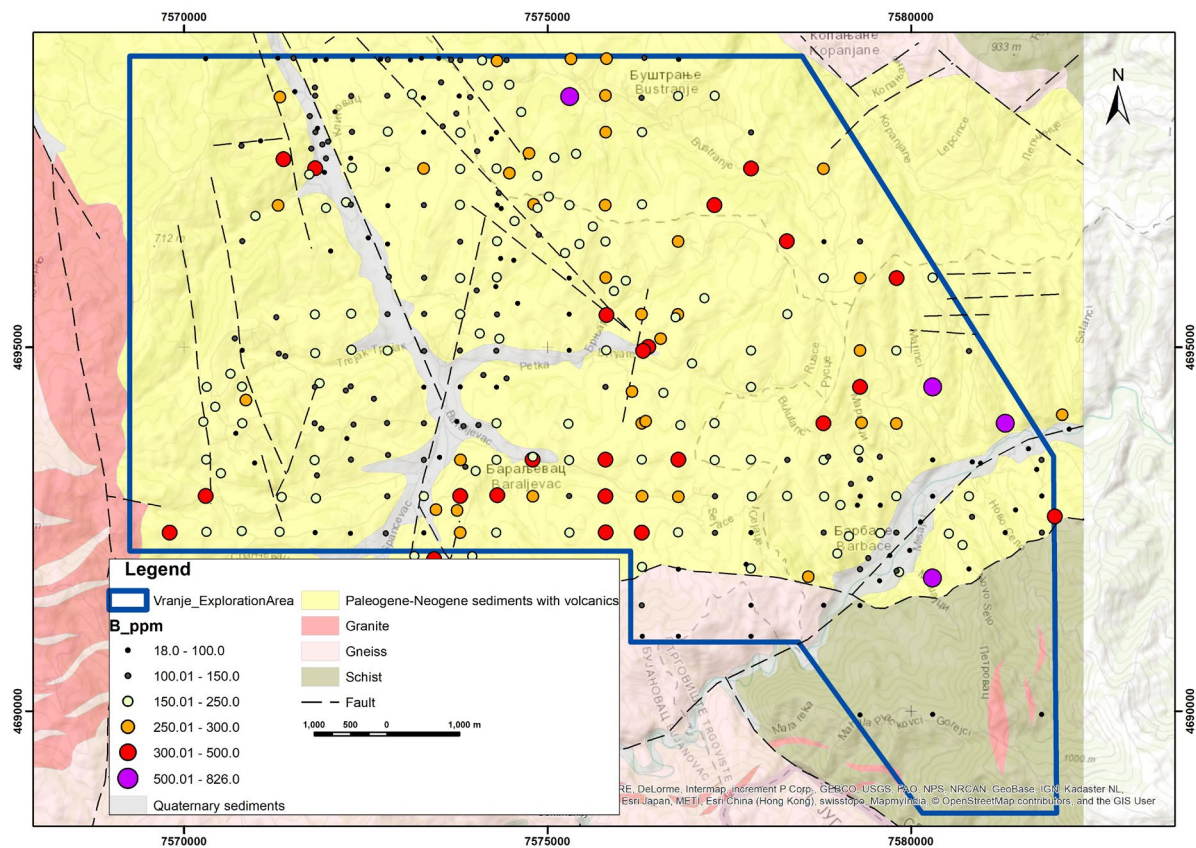


Figure 2 - Vranje-South project area with Phase 1 and 2 Boron values in soil sampling

The Company believes that the results of the second phase program provides enough evidence of Li and B anomalies on the project area, to continue with follow-up sampling and more detailed mapping, where possible, which are aimed at defining optimal drilling locations.

Planned activities for the remainder of the Quarter:

- Follow up sampling and evaluation of target areas (weather permitting)
- 3D geological modelling of the basin based on historically available data and remote sensing techniques
- Evaluation of geophysical techniques and options to define basin stratigraphy in further detail
- Preliminary geophysics on target areas to define drill target areas (weather permitting)

The Company is continuing to interpret the results it has received from phase two sampling from other projects in Serbia and on completion will update the market.

ENDS

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Competent Person Statement

The information contained in this ASX release relating to Exploration Results has been compiled by Mr Jerry L Aiken, who is a Registered Member of the Society for Mining, Metallurgy & Exploration (SME). Mr. Aiken 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" (the 2012 JORC Code). Mr. Aiken is a consultant to Jadar Lithium Limited and consents to the inclusion in this announcement of this information in the form and context in which it appears.

This announcement contains information extracted from a previous ASX market announcement lodged on 20 August 2018, reported in accordance with the JORC Code (2012) and available for viewing at www.jadarlithium.com.au. Jadar Lithium Limited confirms that in respect of the announcement dated 20 August 2018, it is not aware of any new information or data that materially affects the information included in the original ASX market announcement.

Disclaimer

Certain statements included in this release constitute forward looking information. This information is based upon a number of estimates and assumptions made on a reasonable basis by the Company in light of its experience, current conditions and expectations of future developments, as well as other factors that the Company believes are appropriate in the circumstances. While these estimates and assumptions are considered reasonable, they are inherently subject to business, economic, competitive, political and social uncertainties and contingencies, many of which are difficult to predict and generally beyond the control of the Company, that could cause actual results to differ materially from those expressed in, or implied or projected by, the forward-looking information and statements. Whilst the Company considers all the material assumptions to be based on reasonable grounds, there is no certainty that they will prove correct or that the outcomes indicated in the announcement will be achieved.

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provided by, or on behalf of, the Company. Such factors include, among other things, risks relating to lithium and other commodity prices and currency fluctuations; exploration risks; risks relating to the interpretation of exploration, sampling, drill results, the geology, grade and continuity of mineral deposits and conclusions of economic evaluations, development risks, operating risks; competition; time delays, regulatory restrictions; environmental harm and liability and additional funding requirements. Further, despite the Company having attempted to identify all material factors that may cause actual results to differ, there may be other factors that cause results not to be as anticipated, estimated or intended. Forward-looking information is no guarantee of future performance and, accordingly, investors are cautioned not to put undue reliance on forward-looking information due to the inherent uncertainty therein. Forward-looking information is made as at the date of this release (or as otherwise specified) and except as required by applicable law the Company does not undertake any obligation to update publicly such forward-looking information, whether as a result of new information, future events or results or otherwise

Table 1. Soil sampling Phase One, method ME-MS89L – Part 1.

Sample ID	Sample Type	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cs ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe %	Ga ppm	Gd ppm	Ge ppm	Ho ppm	In ppm	K %	La ppm	Li ppm
S-701	NR																							
S-702	Soil	<5	204	556	1.8	0.1	0.8	<0.8	90.4	13.5	10.4	20	3.14	1.55	0.9	2.72	21.8	3.78	1.1	0.71	<0.3	3.07	46.5	49
S-703	Soil	7	111	411	0.7	0.1	1	<0.8	74.8	4.2	9.4	20	2.65	1.73	1	2.77	24.6	4.64	1	0.48	<0.3	2.73	37	112
S-704	Soil	<5	35	416	1.8	0.2	1	<0.8	50.8	13.8	15.1	20	3.74	2.17	0.98	2.68	17.9	4.23	1.2	0.67	<0.3	1.6	25.7	56
S-706	Soil	<5	10	476	2.8	0.2	1	<0.8	66.8	10.1	4.3	20	4.09	2.03	0.95	2.67	22	4.36	1.1	0.69	<0.3	2.01	35.9	30
S-707	Soil	<5	143	619	2.9	0.5	0.9	<0.8	75.1	18.1	26.9	60	6.34	3.75	1.91	5.08	22.4	7.63	1.1	1.28	<0.3	2.54	38.7	116
S-708	Soil	<5	180	473	3	0.3	0.9	<0.8	78.6	16.8	23.6	30	4.91	2.46	1.33	4.04	23.8	6.19	1.3	0.97	<0.3	2	39.3	87
S-709	Soil	<5	114	241	2.2	0.1	1.1	<0.8	40.3	5.8	3.2	20	1.82	1.17	0.86	1.52	22.4	2.52	<0.5	0.33	<0.3	2.4	21.5	97
S-710	NR																							
S-711	Soil	11	648	513	2.9	0.4	0.7	0.9	78.6	14.9	20.4	60	4.59	2.59	1.35	4.1	27.5	6.44	2	0.8	<0.3	4.35	36.7	149
S-712	Soil	<5	398	587	2.3	0.8	7.9	<0.8	99.9	55.2	32.4	60	7.33	4.23	1.51	6.14	17.2	7.33	0.8	1.4	<0.3	1.92	34.7	67
S-713	Soil	<5	29	405	2.2	0.2	1.3	<0.8	81.4	9.3	2.8	20	2.41	1.18	1.33	2.82	28.7	4.63	0.5	0.5	<0.3	1.83	41.5	48
S-714	Soil	6	61	911	3.9	0.3	0.9	0.8	104	24.5	8.6	60	6.57	3.86	1.88	5.47	32.8	8.36	2	1.35	<0.3	3.07	54	98
S-715	Soil	<5	132	397	3.4	0.2	1	<0.8	68.4	12.8	15.3	20	3.73	2.14	1.03	2.7	23.6	4.37	1.2	0.76	<0.3	2.5	34.3	49
S-716	Soil	7	286	668	1.6	0.3	1.3	1.1	75.1	14.6	27.3	40	4.45	2.3	1.56	3.58	24.4	5.44	2.5	0.88	<0.3	2	38.5	51
S-717	Soil	<5	163	506	2	0.3	7.5	1.3	69.4	22.7	20.2	40	7.76	4.71	1.73	4.12	23.4	7.39	2.1	1.51	<0.3	1.88	41.9	83
S-718	Soil	<5	30	344	2.1	0.2	0.9	<0.8	95.7	10.2	7.4	<20	3.79	1.35	1.78	3.16	31.3	5.14	<0.5	0.59	<0.3	1.97	46.1	50
S-719	Soil	8	131	526	2.4	0.4	1	<0.8	72.7	18.2	24.5	40	4.65	2.8	1.27	4.4	24.2	5.85	2.4	0.99	<0.3	2.01	38.9	94
S-720	Soil	<5	124	427	2.4	0.5	1.3	<0.8	77.2	16.7	16.2	50	4.99	2.3	1.49	4.35	25.6	5.25	0.7	0.78	<0.3	1.76	39.6	88
S-721	Soil	5	83	586	2.3	0.3	1.9	0.8	58.3	15.3	20.8	40	3.99	2.58	1.32	3.56	20.1	4.8	2.4	0.91	<0.3	2.34	30	69
S-723	Soil	6	73	331	2.7	0.2	1.2	0.9	60.7	9.6	8.6	30	3.61	2.17	1.26	2.94	23.6	4.77	1	0.72	<0.3	2.12	31.3	112
S-724	Soil	<5	90	503	1.9	0.3	0.8	0.9	54.3	17.4	20.7	40	3.56	2.37	0.89	3.7	19.5	3.65	1.5	0.8	<0.3	2.07	27.7	79
S-725	Soil	6	51	319	1.6	0.3	1.3	<0.8	49	9.8	9.5	20	2.7	1.61	0.79	1.8	18.6	3.15	1.6	0.54	<0.3	1.23	23.9	44
S-726	Soil	<5	125	401	2	0.3	0.9	<0.8	68.7	12.9	23.5	50	4.3	2.1	1.24	4.15	27.7	4.62	1.8	0.82	<0.3	1.54	37	76

Sample ID	Sample Type	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cs ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe %	Ga ppm	Gd ppm	Ge ppm	Ho ppm	In ppm	K %	La ppm	Li ppm
S-727	Soil	8	170	483	1.6	0.4	1.2	1.4	63.2	22.5	37.9	70	4.06	2.23	1.45	4.72	25	5.38	1.5	0.81	<0.3	1.99	33.5	138
S-728	Soil	<5	136	431	2.3	0.4	6.7	1.2	77.5	13.4	19	40	4.48	2.42	1.47	2.92	23.2	5.68	0.8	0.86	<0.3	1.75	40.1	97
S-729	Soil	10	99	472	2.9	0.2	1	1.3	56.1	12.5	11.3	20	3.61	2.32	0.95	2.45	19.6	3.74	1	0.82	<0.3	2.25	26.5	37
S-730	Soil	8	136	551	2.9	0.4	1	0.9	82.5	20	37.8	40	4.23	1.96	1.31	3.71	24	4.67	1.7	0.83	<0.3	2.57	36.4	65
S-731	Soil	6	140	521	2.6	0.4	0.9	0.8	71.7	19.3	34	50	6	3.49	1.42	5.12	25.2	7.14	2.2	1.37	<0.3	2.02	40	111
S-732	Soil	6	105	517	3	0.4	1.2	<0.8	61.7	19.3	25.9	40	4.65	2.48	1.19	3.98	22.3	4.94	2.6	0.93	<0.3	2.15	32.3	90
S-733	Soil	<5	103	577	2.6	0.4	0.7	0.9	68.5	21.6	39.8	60	5.44	2.82	1.34	5.58	25.1	6.04	2.1	1.06	<0.3	2.48	37.4	165
S-734	Soil	8	82	553	1.8	0.1	1.5	0.8	50.6	10.9	15.6	30	3.29	1.72	1.01	2.38	19.6	3.34	1.2	0.56	<0.3	2.25	25.7	41
S-735	Soil	6	70	386	1.3	0.2	3.6	0.8	49.5	12.2	11.4	20	3.16	2.38	1.17	2.88	21.3	3.78	1.5	0.73	<0.3	2.26	27.2	44
S-736	Soil	<5	54	448	1.8	0.3	1.8	<0.8	59	13.7	11.7	20	3.83	2.77	1.06	2.69	16.4	4.36	1.6	0.95	<0.3	1.6	29.2	60
S-737	Soil	<5	71	471	2.5	0.3	1.6	<0.8	57.5	14.6	12.7	30	4.73	2.52	0.94	2.97	19.2	4.5	2.1	0.9	<0.3	1.73	29.9	65
S-738	Soil	5	68	281	1.8	0.1	1.1	<0.8	48.4	9.6	9.9	30	3.49	2.21	1.33	3.43	24.5	4.76	2.6	0.79	<0.3	1.59	25.8	54
S-739	Soil	6	85	655	2.3	0.4	1	0.8	86.3	17.7	56.6	40	6.51	3.84	1.68	4.5	22.1	7.81	1.7	1.41	<0.3	2.34	48.2	116
S-740	Soil	6	59	539	3.2	0.3	1	0.9	71.2	17	19.5	40	5.4	3.1	1.38	3.31	18	5.56	2.1	1.01	<0.3	2.05	35.3	84
S-741	Soil	9	105	591	2.2	0.5	1.1	1.3	67.4	18.1	36.2	40	5.34	3.2	1.6	4.35	21.1	5.77	2	1.04	<0.3	2.28	33.9	123
S-742	Soil	<5	72	591	2.6	0.4	0.9	1	70	19.8	23	40	5.01	3.33	1.19	3.92	20.4	5.56	1.8	0.9	<0.3	2.14	35.3	106
S-743	Soil	<5	54	373	2.2	0.2	1.3	0.8	52.7	12.6	13.2	30	3.91	2.12	0.87	3.14	22.9	4.13	1.7	0.8	<0.3	1.62	28.4	67
S-744	Soil	<5	122	611	2	0.4	1.6	<0.8	65.3	18.9	75.1	40	5.18	3.28	1.39	4.12	23.9	4.8	2.2	1.07	<0.3	2.26	34	81
S-745	Soil	<5	120	479	2.7	0.4	1	<0.8	61	18.4	28.1	50	4.56	2.49	1.13	4.2	23.7	4.76	2	0.91	<0.3	2.55	33.6	95
S-746	Soil	<5	43	195	2.9	0.1	1.5	<0.8	40.2	6.6	4.7	<20	3.07	1.56	1.08	2.18	19.4	2.51	1.9	0.47	<0.3	1.3	20.9	14
S-747	Soil	<5	56	395	1.6	0.2	1.1	<0.8	60.1	8.6	9.1	20	4.51	2.48	1.32	2.44	17.3	4.39	1.6	0.97	<0.3	1.55	32.4	40
S-748	Soil	<5	86	499	2.9	0.4	1.1	<0.8	64.4	19.1	19.7	40	4.66	2.88	1.23	3.7	20.1	4.49	0.8	1.06	<0.3	1.83	33.7	82
S-749	Soil	<5	86	543	2.3	0.5	0.9	<0.8	74.9	20.7	25.7	40	5.85	3.42	1.26	4.44	20.7	6.33	2.2	1.2	<0.3	1.85	39.9	102
S-750	Soil	6	49	422	3.7	0.3	0.7	0.9	70.1	14.2	12.4	30	5.31	2.8	1.23	3.74	22.2	4.92	1.6	1.09	<0.3	1.33	32.1	54
S-751	Soil	<5	52	477	3	0.4	1	<0.8	60.9	11.7	13.5	20	4.39	2.62	1.12	3.27	16.6	5.1	1.6	0.84	<0.3	1.64	32.5	65
S-752	Soil	5	70	549	2.8	0.5	1	0.8	61.5	17.8	29	40	4.74	2.84	1.18	4.25	22.5	5.02	2.2	0.83	<0.3	1.92	30.7	101
S-753	Soil	5	108	719	2.7	0.6	2.3	<0.8	73.8	21.1	28.5	50	5.23	3.46	1.51	5.07	22	5.8	2.3	1.08	<0.3	2.3	38.8	142

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S-754	Soil	6	78	557	2.2	0.6	4.7	<0.8	66.1	19.8	32.5	50	5.45	3.14	1.46	4.55	20.6	5.93	1.8	1.08	<0.3	2.22	34.6	115
S-755	Soil	5	59	584	2	0.2	1.2	0.8	67.3	16.8	23.3	40	4.95	3.77	1.42	4.44	22.3	5.8	2.3	1.19	<0.3	2.28	33.6	103
S-756	Soil	<5	56	509	1.8	0.4	1.1	<0.8	54.1	14.1	16.3	30	4.38	2.24	1.01	3.87	18.5	5.13	2.3	0.87	<0.3	1.85	27.6	109
S-757	Soil	<5	54	410	2	0.5	18.3	<0.8	40.9	12.2	16.7	30	3.79	2.21	1.08	3.02	12.8	4.18	1.2	0.71	<0.3	1.56	22.4	82
S-758	Soil	<5	90	522	2.5	0.6	9.1	1	51.5	15.9	39.9	40	4.38	2.33	1.21	3.98	17.9	4.04	2.2	0.79	<0.3	2	26.6	148
S-759	Soil	<5	139	562	2.9	0.7	2	<0.8	68.8	19.9	28.1	50	5.31	3.11	1.22	4.48	20.9	5.17	1.9	1.03	<0.3	2.07	36.7	120
S-760	Soil	<5	142	626	3.1	0.4	0.7	0.9	60.4	17.4	22.1	50	5.13	3.63	1.54	5.29	24.1	5.91	2.6	1	<0.3	2.59	33.8	113
S-761	Soil	<5	10	564	2.3	0.3	6.6	<0.8	46.5	13.2	11.6	30	3.28	1.76	0.94	2.76	16.4	3.77	1.9	0.67	<0.3	1.54	23.8	79
S-762	Soil	<5	97	656	2.7	0.5	1.7	1	64.3	20	27.3	40	5.06	2.56	1.32	4.44	21.3	6.02	2.1	1.03	<0.3	2.29	33.9	117
S-763	Soil	<5	115	671	3	0.5	2.9	1.1	76.7	21.1	49.8	60	5.8	3.16	1.58	5.48	23.2	6.31	2	1.13	<0.3	2.78	39.9	188
S-764	Soil	<5	63	512	2.4	0.5	1	0.9	57.8	16.3	17.3	30	4.4	2.49	0.99	3.16	16.2	4.57	1.6	0.91	<0.3	1.83	27.2	97
S-765	Soil	<5	93	621	3.3	0.5	0.9	<0.8	67.7	20.1	20.9	40	5.57	3.34	1.44	4.23	20.8	5.24	2.5	0.99	<0.3	2.18	34	120
S-766	Soil	<5	62	557	2.5	0.5	7.3	<0.8	59.9	15.8	19.6	30	4.31	2.61	1.1	3.7	18	4.78	1.9	0.83	<0.3	1.65	31.2	84
S-767	Soil	<5	72	573	2.6	0.4	0.8	1	67.2	19.8	19.5	50	5.75	3.49	1.28	4.51	20.9	5.96	1.3	1.16	<0.3	2.09	34.7	104
S-768	Soil	<5	52	498	4.8	0.5	0.8	1.1	93.2	19.2	28.8	40	8.86	4.88	2.01	4.53	21.2	9.67	1.7	1.66	<0.3	1.95	43.8	130
S-769	Soil	<5	68	549	3.2	0.4	0.8	0.9	80.3	19.6	23.3	40	5.88	3.63	1.49	4.68	21.1	6.26	1.4	1.21	<0.3	1.82	38.5	107
S-770	Soil	<5	75	492	3.5	0.4	0.8	<0.8	67.2	14.5	22.1	40	4.06	3.01	1.09	4.47	20.4	5.21	1.7	0.94	<0.3	1.66	31.6	98
S-771	Soil	<5	135	618	3.2	0.5	0.9	<0.8	87.6	24.8	25.4	50	6.36	3.28	1.68	4.91	22.8	6.59	1.5	1	<0.3	1.85	37.9	141
S-772	Soil	<5	154	679	1.8	0.6	1	<0.8	81.9	24.9	35.4	60	4.86	3.04	1.72	4.99	23.4	6.47	2	1.09	<0.3	2.42	38.9	179
S-773	Soil	<5	73	532	3	0.5	2.5	<0.8	67.6	19.5	40	40	5.29	3.1	1.36	4.41	19.5	5.88	2	1.16	<0.3	1.86	34.4	124
S-774	Soil	6	73	590	2.2	0.4	2.2	<0.8	66.4	19.2	18.8	50	4.92	3.01	1.39	4.35	20.5	5.17	1.8	1.12	<0.3	2.09	34.3	119
S-775	Soil	6	81	521	1.7	0.4	8.4	1	53.3	12.3	18.2	30	4.3	2.77	1.08	3.46	16.8	4.85	1.5	0.87	<0.3	1.86	27.7	75
S-776	Soil	6	147	573	2.6	0.4	13.6	0.9	48.5	15.9	31.6	50	4.06	2.19	1.13	3.77	14	4.54	1.7	0.68	<0.3	1.66	25.6	114
S-777	Soil	9	72	546	2.2	0.4	3.8	1.2	55.9	14.6	20	40	4.38	2.66	1.07	3.76	18.5	4.5	2	1.04	<0.3	2.17	27.9	111
S-778	Soil	6	52	603	2.3	0.3	1	1.1	68.8	13.2	20.4	30	4.72	2.9	1.4	3.71	19.1	5	1.8	0.98	<0.3	1.96	34.8	59
S-779	Soil	5	22	578	2.4	0.4	1	0.8	56.2	11.9	20.9	30	4.73	2.36	1.25	3.57	19.5	5.06	1.9	1	<0.3	1.9	31.1	98
S-780	Soil	<5	68	536	2.4	0.3	6.5	<0.8	59.1	18.2	28.4	40	4.32	2.66	1.14	4.3	19.4	5.51	1.4	0.88	<0.3	1.93	29.5	129

Sample ID	Sample Type	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cs ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe %	Ga ppm	Gd ppm	Ge ppm	Ho ppm	In ppm	K %	La ppm	Li ppm
S-781	Soil	<5	67	405	2.2	0.3	1.5	<0.8	59	14.2	12	30	3.91	2.4	1.24	3.05	18.9	4.83	1.5	0.89	<0.3	1.45	29.3	99
S-782	Soil	<5	110	436	2.4	0.3	2.6	<0.8	55.9	12.3	12.8	30	3.62	2.01	1.32	3.45	23.1	3.55	1.6	0.74	<0.3	1.53	26.3	63
S-783	Soil	<5	78	541	2.6	0.5	1	<0.8	56.6	15.6	17.1	30	4.81	3.13	1.01	3.94	19.9	5.3	2	0.9	<0.3	1.78	31.2	82
S-784	Soil	<5	83	627	3.3	0.7	0.7	<0.8	68.6	14.9	28.1	40	5.41	3.2	1.4	4.14	22.4	5.29	2.1	1.07	<0.3	2.39	33.7	107
S-785	Soil	<5	102	574	2.9	0.3	0.7	<0.8	67.4	16.9	18.7	50	4.52	2.89	1.23	4.21	26.1	5.88	2	1.08	<0.3	2.29	37.3	144
S-786	Soil	<5	98	566	2.4	0.5	3.2	0.9	58.5	16.6	33.5	40	5	3.19	1.13	4.23	20.9	5.43	1.8	0.97	<0.3	2.31	32.2	120
S-787	Soil	<5	51	294	1.6	0.3	3.2	<0.8	38.8	7.4	7.7	20	2.34	1.52	0.92	2.78	19.1	3.2	1	0.62	<0.3	1.14	19.65	41
S-788	Soil	<5	98	407	2.1	0.4	3.3	<0.8	54.5	15.1	17.6	40	3.36	1.96	1.22	3.06	21.2	4.53	1.7	0.67	<0.3	1.49	27.3	80
S-789	Soil	<5	143	541	3.2	0.4	6	<0.8	60.4	17.7	25.3	40	4.8	3.19	1.39	4.23	19.9	6.26	<0.5	1.1	<0.3	2.31	38.3	100
S-790	Soil	<5	178	543	2.3	0.6	8.3	<0.8	58.3	15.8	25.8	50	4.62	2.75	1.11	3.37	17.9	5.96	1.1	0.91	<0.3	2.25	28.3	68
S-791	Soil	<5	293	356	1.7	0.3	1.6	<0.8	52	10	11.2	40	3.19	2.22	1.4	3.75	24.6	4.43	1.4	0.72	<0.3	1.48	25.2	63
S-792	Soil	<5	85	354	1.1	0.2	19.9	<0.8	37	9	4.7	20	3.16	2.14	0.65	1.56	8.2	3.08	<0.5	0.6	<0.3	0.65	17.2	53
S-793	Soil	<5	97	562	2.9	0.4	0.9	0.8	55.3	15.3	30.7	40	4.73	3.03	1.25	4.29	19.7	5.88	1.6	0.97	<0.3	1.99	27.9	136
S-794	Soil	<5	56	518	2.1	0.3	2	0.9	40.1	9	13.5	20	3.48	2.08	1.01	2.04	13.4	3.46	1	0.64	<0.3	1.47	18.75	97
S-795	Soil	<5	119	528	2.6	0.4	1	<0.8	66.3	18.2	24.6	40	5.52	3.32	1.43	4.54	21.1	5.6	1.3	1.1	<0.3	1.81	35.5	130
S-796	Soil	7	47	336	1.9	0.2	1.3	<0.8	41.9	8.6	8.1	20	3.35	1.65	0.97	2.55	23.8	3.13	1.4	0.66	<0.3	1.4	20.5	126
S-798	Soil	<5	111	409	1.9	0.3	1.3	<0.8	76.3	12.1	12.5	40	5.69	2.78	1.78	4.26	24.2	6.19	2.2	1.11	<0.3	1.42	38.8	76
S-799	Soil	<5	57	463	2.7	0.4	2.1	0.9	46	11.1	6.7	150	4.34	2.98	1.01	2.71	15.4	4.52	1.6	0.92	<0.3	1.87	22.8	39
S-800	Soil	<5	58	555	3	0.4	1.2	<0.8	59.5	14.8	15.8	30	4.51	3.35	0.95	3.48	19.3	4.39	1.9	0.98	<0.3	1.82	31	70
S-801	Soil	<5	112	523	2.7	0.5	1	<0.8	60.2	16.9	21.2	40	4.63	2.78	1.12	3.71	19.4	5	2.1	0.9	<0.3	2.11	29.5	95
S-802	Soil	5	74	384	3.1	0.5	0.5	<0.8	54.9	15.7	12.6	30	4.93	2.96	1.27	5.24	22.1	4.16	2.3	0.97	<0.3	1.87	25.7	58
S-803	Soil	<5	115	627	3.1	0.5	1.4	<0.8	82.6	26.8	33	60	5.84	4.09	1.51	5.74	24.6	7.55	1.8	1.09	<0.3	2.1	41	157
S-804	Soil	<5	72	538	1.6	0.6	1	1	67.5	18.8	25.4	40	5.01	2.83	1.26	4.03	19.9	5.15	1.9	1.04	<0.3	2.24	34.7	117
S-805	Soil	<5	68	485	2.5	0.4	7.6	0.8	47.7	10.2	25.6	30	4.63	2.7	0.95	2.98	15.3	4.49	1.5	0.86	<0.3	1.86	26	98
S-806	Soil	<5	141	602	3	0.5	0.9	0.8	64.8	21.2	36.9	50	5.12	3.03	1.15	4.59	21.8	5.34	1	1.1	<0.3	2.34	35.1	139
S-808	Soil	5	99	517	3	0.5	0.8	0.8	70.5	18.1	28.9	40	5.52	3.11	1.4	4.37	21	5.94	1.9	1.19	<0.3	2	34.4	109
S-809	Soil	<5	84	599	3.1	0.5	1	<0.8	60.3	17.9	27.3	40	5.25	3.54	1.44	4.66	21	5.83	1.5	1.1	<0.3	2	36.8	107

Sample ID	Sample Type	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cs ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe %	Ga ppm	Gd ppm	Ge ppm	Ho ppm	In ppm	K %	La ppm	Li ppm
S-810	Soil	<5	105	517	2.2	0.5	2.3	<0.8	58.7	15.1	35.1	50	4.43	2.76	0.94	3.52	17.7	5.2	2.3	0.87	<0.3	2.36	30.3	116
S-811	Soil	<5	91	500	2.1	0.5	5.2	0.9	62.8	18.1	20.7	40	4.33	2.78	1.04	3.96	17.8	4.99	1.8	0.88	<0.3	1.92	31.2	129
S-812	Soil	6	90	548	2.8	0.6	2.8	0.8	62.8	19.3	24.2	40	5.41	3.35	1.35	4.33	19.8	5.68	2.1	1.02	<0.3	2.03	33.6	105
S-813	Soil	6	125	537	3.6	0.6	0.9	<0.8	70.3	20.1	29.1	50	5.31	2.9	1.17	4.22	20.5	5.56	1.9	1.04	<0.3	1.86	33.6	134
S-814	Soil	5	76	498	3.1	0.7	0.6	<0.8	84.2	27.8	18.4	40	6.74	3.5	1.65	4.53	22.4	7.43	1.8	1.22	<0.3	1.71	40.2	83
S-815	Soil	<5	56	627	2.5	0.4	1	<0.8	65.9	18.4	26.6	50	4.74	3.03	1.3	4.75	22.6	6.38	1.1	1.11	<0.3	2.25	37.2	109
S-816	Soil	5	142	356	2.8	0.3	1.2	<0.8	77.8	13	22.3	40	3.8	1.95	1.39	4.97	25.2	4.33	2.1	0.78	<0.3	1.79	37.1	51
S-817	Soil	<5	26	149	2.5	<0.1	1.7	<0.8	22.2	3.2	3.2	20	2.29	1.6	0.81	1.33	18.5	2.49	0.8	0.54	<0.3	1.1	11.55	7
S-818	Soil	<5	57	573	2	0.2	1.3	<0.8	58.5	14.5	18.8	50	4.19	1.99	1.12	3.15	18.1	5.06	1.6	0.82	<0.3	2.13	31.8	70
S-819	Soil	<5	43	313	3.1	0.2	1.3	<0.8	55	8.5	8.8	20	2.43	1.75	0.81	1.91	18.2	3.55	0.5	0.62	<0.3	1.87	28.2	29
S-820	Soil	<5	84	448	2.9	0.4	1	0.9	61.7	15.3	22	40	4.49	2.58	1.09	3.67	21.9	4.54	1.8	0.91	<0.3	2.42	32.6	80
S-821	Soil	<5	51	303	2.5	0.3	1.2	0.9	51.7	9	8.9	20	3.17	2.19	0.98	2.41	22.1	3.7	1.4	0.64	<0.3	2.19	26.9	28
S-822	Soil	<5	58	484	2.1	0.3	2.1	<0.8	47	10.9	8.9	30	3.33	2.35	1.11	2.7	15.9	4.02	0.9	0.87	<0.3	1.78	24.6	43
S-823	Soil	<5	59	241	2.4	0.2	1.4	0.9	42.1	7.2	5.2	20	2.67	1.49	0.85	2.11	21.2	2.85	1.3	0.55	<0.3	2.15	21.5	24
S-824	Soil	<5	65	274	2.2	0.2	1.2	<0.8	50.5	8.4	9.2	20	3.58	1.64	1.13	2.23	20.7	3.67	0.6	0.64	<0.3	1.53	25.9	101
S-825	Soil	<5	536	780	2.2	0.5	5.7	0.9	66.8	24.4	74.7	50	3.32	1.87	1.22	4.04	22	4.04	0.9	0.73	<0.3	3.61	33.6	135
S-826	Soil	<5	61	449	2.5	0.2	1.8	1.1	50.4	14	10.5	30	4.29	3.03	0.93	2.6	15.8	3.88	0.7	0.91	<0.3	1.76	24.6	55
S-827	Soil	<5	126	690	3.6	0.5	1.1	0.9	71.8	17	70.5	50	8.93	4.43	1.67	4.94	22.6	8.44	1.6	1.71	<0.3	2.44	45.7	117
S-828	Soil	<5	108	425	3.8	0.4	0.6	0.8	83.3	15.6	12.4	30	5.63	3.25	1.35	3.75	25.9	6.17	1.1	0.98	<0.3	2.26	38	72
S-829	Soil	<5	95	529	2.1	0.4	0.8	<0.8	72.2	18.3	18.2	50	5.73	3.56	1.32	5.3	22.7	5.67	2.7	1.33	<0.3	2.11	33.3	107
S-830	Soil	<5	96	481	1.8	0.2	0.8	<0.8	48.3	14.5	12	30	5.25	3.17	1.08	3.83	18.9	4.56	2.3	1.14	<0.3	1.77	22.1	51
S-831	Soil	5	79	553	2.4	0.3	0.8	0.8	55.8	14.3	9.6	30	5.07	3.02	0.98	3.86	19.5	4.77	1.9	1.21	<0.3	2.19	26.8	56
S-832	Soil	<5	79	499	3.2	0.3	0.8	<0.8	49.1	15.5	12.7	40	4.16	2.79	1.15	4.07	21.2	4.83	1.9	0.88	<0.3	2.09	25.2	84
S-833	Soil	6	101	579	2.2	0.4	0.6	1	70.9	20.9	11.4	50	6.66	3.5	1.66	5.76	22.3	6.39	2.1	1.49	<0.3	2.04	32.3	67
S-834	Soil	5	133	567	2.8	0.4	0.6	1	62	16.5	14	40	5.84	3.33	1.4	4.8	19.5	5.32	2.3	1.06	<0.3	1.88	29.7	88
S-835	Soil	<5	99	538	2.9	0.4	0.8	<0.8	60.1	20.2	18	40	4.85	2.64	1.2	4.15	19	4.85	2	1	<0.3	2.12	28.6	95
S-836	Soil	<5	173	553	2.2	0.3	1.2	0.8	59	19.5	21.2	40	5.06	2.8	1.21	4.63	19.9	4.73	2.1	0.85	<0.3	2.12	27.2	76

Sample ID	Sample Type	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cs ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe %	Ga ppm	Gd ppm	Ge ppm	Ho ppm	In ppm	K %	La ppm	Li ppm
S-837	Soil	5	32	443	1.8	0.3	0.7	<0.8	40.8	12.6	5.5	20	5.2	3.43	0.93	3.4	18.5	3.84	1.7	1.11	<0.3	1.82	19.25	107
S-838	Soil	<5	46	550	2.2	0.2	0.6	0.8	48.6	13.9	5.3	20	3.94	2.35	1	3.48	19.7	3.91	2.5	0.89	<0.3	2.39	21.5	135
S-839	Soil	5	116	519	2.5	0.4	0.7	0.8	54	18.8	17.5	50	4.75	3.4	1.2	4.42	21.1	5.23	2.1	1.01	<0.3	2.14	27.7	92
S-840	Soil	5	109	622	2.2	0.5	0.4	<0.8	62.6	17.5	14.4	50	4.86	3.17	1.28	4.88	22.2	5	2.3	1.11	<0.3	2.38	30.3	98
S-841	Soil	<5	26	475	2.2	0.2	1.9	<0.8	56.9	20.5	6.8	40	6.04	3.51	1.44	5.33	20.5	6.18	1.6	1.42	<0.3	1.73	26.9	34
S-842	Soil	5	115	394	1.7	0.3	0.8	<0.8	48.3	14.7	14.1	40	4.49	3.27	1.62	5.07	20	5.5	1.5	1.18	<0.3	2.08	23.9	37
S-844	Soil	6	31	513	2.8	0.4	0.7	<0.8	46	12.5	7.7	20	4	1.99	1.14	3.54	22	3.89	2.3	0.96	<0.3	2.28	21.6	76
S-845	Soil	<5	111	537	2.2	0.2	0.7	<0.8	52.7	16.1	9.8	30	5.52	3.47	1.19	4.4	21.1	4.86	2.3	1.25	<0.3	2	26.4	39
S-847	Soil	<5	223	721	1.2	0.5	12.2	0.8	53.4	23.9	14.7	50	5.1	3.01	1.13	4.09	15.7	5.62	1.4	1.02	<0.3	2.92	25.1	90
S-848	Soil	<5	67	459	1.9	0.5	3.7	<0.8	49.6	17.3	9	40	4.36	2.93	0.87	3.55	17.3	4.76	1.9	0.89	<0.3	2.04	24	80
S-850	Soil	6	83	553	2.5	0.5	1.6	0.8	70.4	20.4	36.8	50	5.32	3.62	1.43	4.86	23.8	6.33	2.3	1.1	<0.3	3.97	37.2	114
S-851	Soil	<5	120	612	1.8	0.5	1.1	<0.8	61.2	20.3	26.5	50	6.02	3.48	1.42	4.88	21.4	6.02	1.3	1.15	<0.3	2.14	32.6	142
S-852	Soil	<5	154	592	2.5	0.5	1	<0.8	67.4	23	37.5	50	5.53	3.68	1.39	5.31	23.4	6.6	1.6	1.1	<0.3	2.52	34	137
S-853	Soil	<5	86	546	2.8	0.4	4.9	<0.8	61	19.1	26.6	40	6.04	3.63	1.18	4.48	20.4	4.81	2.4	1.18	<0.3	2.22	29.9	118
S-854	Soil	<5	22	399	1.7	0.3	4	0.9	48.8	17	5.7	60	4.74	3.05	1.33	4.22	16.7	4.95	1.3	1.08	<0.3	1.55	24	32
S-855	Soil	<5	55	525	3.3	0.3	1.2	<0.8	62.7	12.8	8	20	4.41	2.95	1.07	3.26	18.5	5.17	1.4	1	<0.3	1.77	32.6	32
S-857	Soil	<5	149	618	2.1	0.5	1.7	0.8	73.7	24.8	26.9	60	5.82	3.5	1.57	4.76	22.1	6.67	2.1	1.28	<0.3	2.3	36.6	128
S-858	Soil	<5	76	661	3	0.5	0.5	<0.8	66.1	15.2	12	30	4.28	2.84	1.11	4.59	22.6	4.33	2.2	0.96	<0.3	2.86	29.6	88
S-859	Soil	<5	104	684	3	0.6	0.3	<0.8	78.4	25	37.4	60	7.98	4.51	1.85	6.14	29.2	7.93	2.2	1.6	<0.3	4.82	39.3	127
S-860	Soil	5	20	519	1.8	0.3	2	0.8	57.4	22.7	7.2	40	6.32	3.83	1.55	5.76	23.2	6.69	2.3	1.47	<0.3	1.73	26.5	28
S-861	Soil	6	22	506	2.2	0.2	2	0.8	59.5	25.1	5.6	40	6.29	4.58	1.58	5.97	22.9	6.28	2	1.44	<0.3	1.77	27.9	28
S-862	Soil	6	17	456	1.8	0.3	1.8	0.9	54	19.8	4.5	30	6.37	3.48	1.63	5.18	21.9	5.4	2.1	1.25	<0.3	1.55	26.8	25

Table 2. Soil sampling Phase Two, method ME-MS89L – Part 2.

Sample ID	Sample Type	Lu ppm	Mn ppm	Mo ppm	Nb ppm	Nd ppm	Ni ppm	Pb ppm	Pr ppm	Rb ppm	Re ppm	Sb ppm	Se ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	Ti %	Tl ppm	Tm ppm
S-701	NR																						
S-702	Soil	0.23	840	2	17.7	30.4	20	29.9	9.03	103	<0.01	2.6	<3	5.86	5	500	1.03	0.57	<0.5	10.6	0.417	0.76	0.29
S-703	Soil	0.24	150	<2	11.9	30	30	12.7	8.75	79.6	0.01	2.7	<3	4.93	<3	320	0.99	0.48	<0.5	9.6	0.33	0.26	0.18
S-704	Soil	0.26	790	<2	12.5	22.4	40	29.2	6.02	81.3	<0.01	1.9	<3	4.42	<3	220	0.95	0.52	<0.5	8	0.446	0.56	0.32
S-706	Soil	0.31	630	<2	20.6	26.9	30	16.3	7.71	85.6	<0.01	0.9	<3	5.06	<3	250	1.51	0.7	<0.5	9.5	0.487	0.63	0.34
S-707	Soil	0.46	730	3	12	40	130	33.7	10.4	121	0.02	2.8	9	8.05	3	170	0.77	1.14	<0.5	12.4	0.464	0.94	0.51
S-708	Soil	0.39	650	3	16	33	40	24.5	9.01	97.5	<0.01	4.1	3	6.36	<3	250	0.95	0.75	<0.5	10.8	0.419	1.05	0.37
S-709	Soil	0.18	120	2	5.6	18.3	20	10.1	5.04	86.4	<0.01	1.1	9	2.57	<3	370	0.37	0.32	<0.5	4.6	0.248	0.1	0.12
S-710	NR																						
S-711	Soil	0.3	360	5	13.7	32.6	40	17.7	8.75	136	<0.01	8	9	7.05	<3	280	0.95	0.81	0.5	11.2	0.518	1.22	0.38
S-712	Soil	0.56	4330	2	8.7	29.3	110	51.9	7.94	97.1	<0.01	2.1	5	6.45	<3	440	0.67	1.01	0.9	12.8	0.322	0.97	0.57
S-713	Soil	0.13	580	<2	14.5	30.9	20	21.1	8.89	57.6	<0.01	0.6	9	5.28	<3	330	0.98	0.45	<0.5	9.6	0.434	0.38	0.18
S-714	Soil	0.52	740	2	23.1	44.6	60	22	12.7	162	<0.01	0.5	7	8.36	5	280	2.52	1.12	0.7	16.1	0.699	1.06	0.54
S-715	Soil	0.37	760	2	11.4	30.6	30	19.9	7.7	110	<0.01	0.8	<3	5.31	<3	390	0.69	0.64	<0.5	8.3	0.39	0.6	0.26
S-716	Soil	0.47	970	4	12.8	31.3	40	25.2	8.78	102	<0.01	9.4	8	6.32	4	330	0.78	0.69	<0.5	10.4	0.333	1.29	0.26
S-717	Soil	0.64	1560	4	10.6	35.3	100	22.9	10.05	109.5	<0.01	1.8	6	7.65	3	290	0.76	1.12	0.5	10.3	0.359	0.84	0.6
S-718	Soil	0.26	680	<2	14.8	45.8	20	22.8	11.7	69	<0.01	0.6	<3	8.57	3	270	1	0.72	<0.5	11.6	0.535	0.42	0.24
S-719	Soil	0.42	540	3	14.5	31.6	70	27.7	8.69	115.5	<0.01	2.2	<3	6.32	4	200	0.86	0.77	<0.5	11.8	0.423	0.81	0.31
S-720	Soil	0.31	440	3	10.8	38	100	21.5	9	98.6	<0.01	1.6	3	7.47	<3	280	0.64	0.8	<0.5	11.5	0.394	0.61	0.33
S-721	Soil	0.37	1080	<2	13	26	70	31.7	6.65	107.5	<0.01	1.8	4	4.77	3	250	0.74	0.67	0.8	9	0.411	0.8	0.35
S-723	Soil	0.38	280	<2	10.2	30.2	40	11.8	7.23	98.6	<0.01	0.9	5	6.04	<3	350	0.72	0.63	0.5	8	0.349	0.28	0.35
S-724	Soil	0.37	820	<2	12.7	23.4	80	32.5	6.62	114.5	<0.01	2	9	4.96	<3	190	0.69	0.61	<0.5	9.3	0.438	0.6	0.33
S-725	Soil	0.28	480	2	10.2	17.9	30	25.4	5.57	67.3	<0.01	1.3	5	4.28	<3	330	0.7	0.35	0.6	7.2	0.318	0.44	0.23
S-726	Soil	0.19	340	6	12.5	29.3	50	25	8.3	85	<0.01	2.3	<3	5.49	4	260	0.69	0.71	<0.5	10.1	0.369	0.73	0.28
S-727	Soil	0.32	650	4	11.8	30.3	120	26.3	7.74	115	0.01	4	9	6.12	<3	250	0.63	0.67	<0.5	9.4	0.401	0.61	0.23

Sample ID	Sample Type	Lu ppm	Mn ppm	Mo ppm	Nb ppm	Nd ppm	Ni ppm	Pb ppm	Pr ppm	Rb ppm	Re ppm	Sb ppm	Se ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	Ti %	Tl ppm	Tm ppm
S-728	Soil	0.29	470	<2	12.2	35.7	60	17.9	9.1	93.9	<0.01	5.4	4	6.81	<3	310	1.61	0.84	<0.5	11	0.413	0.51	0.36
S-729	Soil	0.32	790	2	14.2	25	40	20.1	6.28	99	<0.01	1.1	<3	4.12	<3	340	0.86	0.55	<0.5	8.1	0.329	0.59	0.3
S-730	Soil	0.36	1040	<2	16.3	30.1	50	43.1	8.69	135	0.01	4	<3	6.2	4	360	1.13	0.74	1.1	11	0.436	1.09	0.38
S-731	Soil	0.37	960	2	14.4	31.7	90	34.9	9.1	131.5	<0.01	2.8	8	7.71	5	130	0.84	1.03	0.7	11.7	0.444	0.93	0.5
S-732	Soil	0.32	840	<2	12.3	26.3	70	30.1	6.93	111.5	0.01	3.2	15	5.12	5	270	0.9	0.76	<0.5	10.1	0.421	0.73	0.37
S-733	Soil	0.39	850	2	13.4	36.9	110	35	8.78	158	<0.01	2.9	9	6.59	<3	140	0.79	0.92	<0.5	12	0.46	1.01	0.44
S-734	Soil	0.3	730	<2	10.8	20.2	40	21	5.75	89.9	<0.01	1.2	4	4.69	4	390	0.71	0.38	<0.5	7.4	0.293	0.59	0.26
S-735	Soil	0.27	550	<2	12	22.1	40	13.5	5.68	80.2	<0.01	1.5	<3	4.73	3	380	0.76	0.58	0.5	6.7	0.364	0.34	0.26
S-736	Soil	0.54	810	<2	12.7	23.6	50	28.6	6.81	81	<0.01	1.6	8	4.88	<3	250	0.75	0.71	0.6	9.1	0.421	0.5	0.42
S-737	Soil	0.4	850	<2	12.3	24.7	50	28	6.77	86.8	<0.01	2	4	4.6	<3	260	0.92	0.68	<0.5	9	0.391	0.53	0.4
S-738	Soil	0.35	490	2	9.6	21.5	50	12.2	5.77	71.3	<0.01	1	<3	4.37	<3	280	0.56	0.62	<0.5	6.8	0.298	0.41	0.35
S-739	Soil	0.52	1050	<2	13.9	40.3	80	35.1	10.75	141.5	<0.01	2.8	<3	8.11	3	200	0.88	1.25	<0.5	12.2	0.439	1.15	0.58
S-740	Soil	0.38	1040	<2	14.7	28.6	70	36.1	7.88	110	<0.01	1.7	11	7.14	3	200	0.93	0.66	<0.5	10.7	0.47	0.67	0.46
S-741	Soil	0.43	930	<2	15.1	33.3	80	32	8.31	129.5	<0.01	2.1	<3	7.01	<3	230	0.84	0.99	0.7	11.1	0.503	0.93	0.44
S-742	Soil	0.43	1080	<2	14.8	28.5	80	36.4	8.18	114	<0.01	2.3	13	6.66	5	180	0.9	0.92	0.6	11.1	0.458	0.74	0.49
S-743	Soil	0.31	440	2	9.7	26.4	50	20.8	6.64	84.9	<0.01	1.2	5	5.6	<3	280	0.57	0.66	<0.5	7.4	0.364	0.62	0.33
S-744	Soil	0.46	920	<2	12.5	26.1	70	32	7.83	127.5	0.01	1.8	<3	5.38	<3	300	0.86	0.81	<0.5	10.3	0.422	0.91	0.58
S-745	Soil	0.29	780	2	11.7	26.2	70	32.2	7.1	127	<0.01	2.2	4	5.31	<3	270	0.84	0.56	0.8	10.6	0.403	0.7	0.33
S-746	Soil	0.26	340	<2	7.6	17.9	30	10.9	4.42	46.6	<0.01	0.4	<3	3.4	<3	340	0.48	0.4	<0.5	4.3	0.247	0.14	0.25
S-747	Soil	0.36	520	<2	15.6	26.3	30	28.4	7.45	78.2	<0.01	1.5	9	5.49	<3	220	0.91	0.68	0.7	10.5	0.419	0.55	0.38
S-748	Soil	0.36	870	2	13.5	30.4	80	35.1	7.54	103.5	<0.01	2.2	<3	5.46	<3	190	0.74	0.8	<0.5	10	0.445	0.76	0.5
S-749	Soil	0.43	1020	<2	17.3	33.6	90	34.7	8.98	128	<0.01	2.7	3	7.07	3	160	0.95	0.97	<0.5	12.1	0.474	0.95	0.54
S-750	Soil	0.41	440	<2	15.7	28.3	50	30.7	7.95	88.3	<0.01	2	6	6.67	3	150	0.95	0.81	<0.5	10.7	0.406	0.7	0.32
S-751	Soil	0.31	520	<2	16.8	24.3	50	26.8	7.27	97.3	<0.01	2	<3	5.32	<3	180	0.49	0.81	<0.5	10.2	0.481	0.66	0.37
S-752	Soil	0.32	740	<2	15.7	29.7	80	32.4	7.5	123.5	<0.01	3.9	<3	6.85	<3	160	0.51	0.79	<0.5	10.9	0.445	0.73	0.39
S-753	Soil	0.44	920	2	16.1	32.5	90	35.2	9.26	136	<0.01	2.8	<3	6.93	<3	230	0.63	0.92	<0.5	13	0.494	0.89	0.46
S-754	Soil	0.52	850	<2	14.9	30.8	90	31.3	8.16	124.5	<0.01	2.1	10	6.43	<3	160	0.42	0.99	<0.5	11.8	0.441	0.73	0.46

Sample ID	Sample Type	Lu ppm	Mn ppm	Mo ppm	Nb ppm	Nd ppm	Ni ppm	Pb ppm	Pr ppm	Rb ppm	Re ppm	Sb ppm	Se ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	Ti %	Tl ppm	Tm ppm
S-755	Soil	0.41	530	<2	15.1	30.3	50	33.3	7.93	119	<0.01	1.6	11	6.18	<3	220	0.93	1.09	<0.5	10.9	0.484	0.81	0.5
S-756	Soil	0.31	1020	<2	12.3	25.3	80	25.8	6.48	87.8	<0.01	1.5	<3	5.59	<3	220	0.42	0.66	<0.5	9.1	0.404	0.53	0.36
S-757	Soil	0.24	520	<2	8	21.6	60	26.6	5.16	82.5	<0.01	1.5	10	4.67	<3	260	<0.04	0.55	<0.5	7.4	0.283	0.47	0.28
S-758	Soil	0.36	810	<2	12.5	24.1	90	29.9	6.3	120.5	0.01	3.5	5	5.18	<3	400	0.37	0.7	<0.5	9.3	0.349	0.79	0.3
S-759	Soil	0.44	860	3	15	30.1	90	32.6	8.2	121	<0.01	2.9	9	6.05	<3	200	0.48	0.96	<0.5	12.1	0.445	0.89	0.53
S-760	Soil	0.52	560	<2	14	29.1	100	28.6	8.19	140.5	<0.01	2.1	<3	6.4	<3	130	0.93	0.93	<0.5	10.1	0.475	0.85	0.48
S-761	Soil	0.29	460	<2	10.8	20.3	50	19.2	5.86	73.2	<0.01	0.8	<3	3.84	<3	270	0.79	0.51	<0.5	7.2	0.356	0.42	0.33
S-762	Soil	0.36	930	<2	15.5	29.8	90	34.8	8.07	131	<0.01	2	6	6.19	<3	220	0.57	0.93	<0.5	11.7	0.463	0.78	0.43
S-763	Soil	0.39	890	<2	14	39.1	100	42.2	9.34	155.5	<0.01	5	<3	7.62	<3	180	0.69	1	<0.5	12.8	0.474	1.1	0.49
S-764	Soil	0.43	980	<2	15	24.2	60	34.1	6.55	101	<0.01	1.6	<3	5.31	<3	190	0.79	0.67	<0.5	9.3	0.449	0.63	0.42
S-765	Soil	0.39	1020	<2	14.9	28.9	80	34.3	7.88	125.5	<0.01	1.9	3	6.4	<3	210	0.51	0.84	<0.5	11.4	0.475	0.81	0.43
S-766	Soil	0.42	770	<2	14.3	26.4	70	26.9	7.2	94.3	<0.01	1.8	<3	5.95	<3	210	0.45	0.72	<0.5	9.8	0.407	0.75	0.37
S-767	Soil	0.49	820	2	14.3	30.8	90	32.2	8.01	121	<0.01	1.6	<3	6.07	3	150	0.89	0.9	<0.5	11.1	0.496	0.81	0.44
S-768	Soil	0.66	630	<2	15.1	43.2	100	29.2	11.6	120.5	<0.01	2.5	<3	9.99	3	150	1.16	1.55	<0.5	11.1	0.454	0.71	0.75
S-769	Soil	0.62	850	2	17.3	33.8	90	33.3	9.05	120	<0.01	2.2	8	8.57	3	140	0.79	1.02	<0.5	12	0.474	0.92	0.57
S-770	Soil	0.42	420	<2	14.8	29.4	60	30.4	7.58	107.5	<0.01	2.3	<3	6.49	3	140	0.72	0.79	<0.5	10.7	0.448	0.86	0.4
S-771	Soil	0.57	1030	3	15.3	33.1	110	38.2	9.14	127.5	<0.01	2.4	<3	8.13	4	180	0.65	0.93	<0.5	12.8	0.428	0.94	0.52
S-772	Soil	0.37	990	5	14.6	33.3	110	43.7	9.2	147.5	<0.01	3.4	<3	6.55	3	190	0.63	0.93	<0.5	13.8	0.427	0.93	0.43
S-773	Soil	0.36	910	<2	15.6	29.1	100	36	7.39	122	<0.01	3	<3	6.01	<3	160	0.72	0.92	<0.5	11.6	0.435	0.88	0.4
S-774	Soil	0.41	910	2	13	30.9	80	36.6	7.61	114	<0.01	1.9	<3	6.87	<3	210	0.93	0.94	<0.5	10.3	0.429	0.74	0.4
S-775	Soil	0.46	830	<2	10.9	24.3	50	20.1	6.29	96.2	<0.01	0.8	3	5.42	<3	220	0.79	0.75	<0.5	8.8	0.375	0.61	0.38
S-776	Soil	0.31	570	4	8.4	24.1	70	24.8	6.48	95.7	<0.01	2.7	<3	4.75	<3	500	0.66	0.76	<0.5	7.9	0.288	0.7	0.28
S-777	Soil	0.49	620	<2	12.9	28.3	80	26.7	6.91	111	<0.01	1.5	<3	5.53	<3	240	0.81	0.78	<0.5	9.2	0.422	0.6	0.41
S-778	Soil	0.49	790	<2	13	30.2	60	31.5	8.31	100.5	<0.01	2.1	5	6.06	<3	210	0.84	0.94	<0.5	10.1	0.429	0.72	0.38
S-779	Soil	0.44	270	<2	13.1	28.6	60	41.4	7.15	90.7	<0.01	2.1	3	5.45	3	230	0.88	0.87	<0.5	9	0.402	0.7	0.41
S-780	Soil	0.33	770	<2	12.3	26.8	80	26.9	6.87	110.5	<0.01	2.5	<3	4.9	3	250	0.59	0.87	0.6	10.1	0.414	0.73	0.46
S-781	Soil	0.34	570	2	12.3	25.1	50	25.2	7.06	72.2	<0.01	1.7	<3	5.32	<3	270	0.58	0.62	<0.5	8.9	0.37	0.49	0.34

Sample ID	Sample Type	Lu ppm	Mn ppm	Mo ppm	Nb ppm	Nd ppm	Ni ppm	Pb ppm	Pr ppm	Rb ppm	Re ppm	Sb ppm	Se ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	Ti %	Tl ppm	Tm ppm
S-782	Soil	0.3	810	3	8.6	24.7	40	16.4	5.87	75.3	<0.01	1.5	5	4.32	<3	360	0.63	0.63	<0.5	6.1	0.337	0.6	0.31
S-783	Soil	0.33	690	<2	16.9	26	50	28.6	7.31	104.5	<0.01	1.5	10	5.44	<3	180	0.49	0.72	<0.5	10.3	0.463	0.61	0.31
S-784	Soil	0.59	770	2	18.6	28.8	70	32.2	8.11	145.5	0.01	1.9	7	6.45	<3	320	0.58	0.89	<0.5	12.9	0.497	1.09	0.7
S-785	Soil	0.24	510	3	12.9	31.5	60	20	7.55	119	<0.01	1.2	<3	4.94	3	350	0.91	0.69	<0.5	11.7	0.477	0.84	0.37
S-786	Soil	0.41	870	<2	13.4	28.2	70	31.8	7.49	128	<0.01	1.8	3	6.05	<3	200	0.53	0.76	<0.5	10.4	0.435	0.99	0.43
S-787	Soil	0.29	630	3	9.4	17.1	30	8.3	4.59	54.7	0.01	0.7	9	3.4	<3	410	0.06	0.45	<0.5	4.6	0.327	0.21	0.19
S-788	Soil	0.18	570	4	10.1	24	50	18.9	6.31	80.9	0.01	1.6	<3	5.18	<3	390	0.25	0.61	<0.5	7.6	0.34	0.54	0.24
S-789	Soil	0.44	840	2	11.5	33.4	100	25.9	7.95	111.5	<0.01	2.1	<3	6.29	<3	240	0.71	0.88	<0.5	10.8	0.381	0.78	0.41
S-790	Soil	0.38	950	<2	10.1	26.7	60	26.4	6.96	103.5	<0.01	2.2	<3	5.75	<3	390	0.21	0.76	<0.5	9.9	0.334	0.75	0.42
S-791	Soil	0.29	250	10	8.8	22.9	40	22.6	6.12	67.2	<0.01	2.5	3	4.94	<3	390	0.37	0.61	0.6	6.2	0.322	0.37	0.23
S-792	Soil	0.25	870	<2	6.2	16.75	40	16	3.94	27.8	<0.01	0.6	<3	3.13	<3	580	0.31	0.43	0.5	8.3	0.194	0.21	0.3
S-793	Soil	0.43	740	<2	13.2	27	100	32.1	6.81	111.5	<0.01	3.5	<3	5.24	3	160	0.67	0.85	0.5	10.1	0.422	0.65	0.41
S-794	Soil	0.33	530	<2	11.3	17.35	50	23.9	4.59	61.4	<0.01	2.5	4	3.23	<3	290	0.6	0.48	<0.5	6.5	0.385	0.44	0.34
S-795	Soil	0.5	890	2	11.8	31.6	80	26.4	8.39	104	<0.01	2.7	<3	6.76	3	220	0.56	0.95	0.6	10.8	0.409	0.71	0.37
S-796	Soil	0.24	330	2	10.7	19.4	40	15.3	5.1	58.1	<0.01	0.9	6	3.9	4	340	0.56	0.46	0.8	5.7	0.34	0.43	0.25
S-798	Soil	0.41	620	4	10.5	37.8	50	17	9.19	76.2	<0.01	1.8	<3	7.76	3	290	0.82	1.03	<0.5	9.6	0.376	0.42	0.45
S-799	Soil	0.61	650	2	11.5	20.8	30	18.2	5.4	72.7	<0.01	0.8	<3	4.57	<3	290	0.24	0.74	<0.5	6.7	0.36	0.42	0.38
S-800	Soil	0.46	780	<2	14.8	25	50	30.5	7.4	97.1	<0.01	1.9	<3	4.95	<3	200	0.53	0.76	<0.5	10.4	0.472	0.76	0.42
S-801	Soil	0.28	700	3	14.1	25.6	60	28.4	7.04	117	<0.01	1.8	5	5.43	<3	160	0.44	0.79	<0.5	10.2	0.406	0.72	0.37
S-802	Soil	0.44	510	<2	12.5	24.3	30	20.4	5.95	110	0.01	0.6	5	5	5	290	0.89	0.67	0.6	9.8	0.63	0.48	0.42
S-803	Soil	0.5	1210	4	16	35.4	110	42	9.46	144	<0.01	2.3	<3	8.46	3	140	0.89	1.18	<0.5	14	0.477	0.97	0.53
S-804	Soil	0.52	980	<2	15.1	28.7	70	38.4	8	122	<0.01	2.2	<3	6.13	<3	170	0.5	0.92	<0.5	11.3	0.481	0.77	0.45
S-805	Soil	0.39	820	<2	11	21.6	50	27.5	6.22	92.5	<0.01	1.6	3	4.96	<3	290	0.35	0.71	<0.5	8	0.36	0.62	0.41
S-806	Soil	0.37	1080	2	13	31.3	90	41.7	7.47	135	<0.01	3.3	<3	5.53	3	140	0.77	0.79	1.4	11.3	0.477	0.85	0.47
S-808	Soil	0.5	790	5	16.3	30	70	31.3	8.32	118.5	<0.01	2.1	<3	6.81	<3	140	0.72	0.86	<0.5	11.4	0.476	0.93	0.48
S-809	Soil	0.45	810	<2	14.8	32.2	90	35.1	7.65	117.5	<0.01	2.6	12	6.64	3	130	0.95	0.84	<0.5	11.4	0.513	0.74	0.4
S-810	Soil	0.37	890	<2	13.6	27.1	70	28.8	6.89	112.5	<0.01	2.6	9	5.55	<3	250	0.49	0.93	<0.5	10.2	0.462	0.78	0.43

Sample ID	Sample Type	Lu ppm	Mn ppm	Mo ppm	Nb ppm	Nd ppm	Ni ppm	Pb ppm	Pr ppm	Rb ppm	Re ppm	Sb ppm	Se ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	Ti %	Tl ppm	Tm ppm
S-811	Soil	0.35	870	<2	13.9	26.6	380	29.9	6.97	105	<0.01	2.3	<3	5.5	<3	360	0.48	0.76	<0.5	10.6	0.434	0.77	0.37
S-812	Soil	0.41	880	<2	14.8	29.4	80	30.9	7.95	119	0.01	1.9	<3	7.02	<3	160	0.39	0.8	0.5	11.2	0.45	0.81	0.42
S-813	Soil	0.42	860	3	16.8	29.8	80	38.4	8.39	127	<0.01	2.5	3	7.07	<3	150	0.59	0.8	<0.5	11.6	0.464	1.02	0.45
S-814	Soil	0.53	940	<2	19.7	34.4	70	32.1	9.59	120	<0.01	2.2	<3	7.06	3	110	0.75	1.13	<0.5	11.4	0.511	0.79	0.47
S-815	Soil	0.37	810	<2	13.8	35.7	80	33.3	8.08	126	<0.01	2.2	13	6.23	<3	150	0.91	0.92	<0.5	11.7	0.526	0.98	0.41
S-816	Soil	0.28	370	3	11.6	32	70	24.4	8.29	92.1	0.01	2	4	5.93	<3	310	0.67	0.59	0.7	12.2	0.379	0.62	0.3
S-817	Soil	0.23	90	<2	4	11.35	20	6.6	2.75	27.1	<0.01	<0.3	17	2.25	<3	380	0.27	0.36	<0.5	2.1	0.212	0.11	0.22
S-818	Soil	0.27	1070	2	11.3	28	60	32.1	6.23	107.5	<0.01	1.9	3	4.14	<3	240	0.75	0.68	<0.5	9	0.409	0.67	0.35
S-819	Soil	0.32	450	<2	9.7	25.1	30	19.9	6.54	72.3	<0.01	0.9	11	4.21	<3	320	0.6	0.6	<0.5	8.4	0.326	0.41	0.2
S-820	Soil	0.4	640	<2	12	30.7	70	26.7	7.54	117.5	<0.01	1.9	8	5.36	3	290	0.81	0.84	<0.5	9.3	0.395	0.66	0.32
S-821	Soil	0.24	300	2	11.7	25	40	16.5	6.28	73.6	<0.01	0.6	17	4.37	<3	330	0.67	0.59	0.5	7.5	0.35	0.35	0.29
S-822	Soil	0.43	600	<2	9.3	24.5	40	19.2	5.95	68.9	<0.01	1	4	4.99	<3	320	0.65	0.63	<0.5	6.7	0.349	0.33	0.32
S-823	Soil	0.25	280	2	7.5	20	30	14.7	5.15	54.6	<0.01	0.6	<3	3.57	<3	340	0.54	0.47	<0.5	5.4	0.297	0.36	0.27
S-824	Soil	0.25	340	<2	7	23.1	40	17.7	6.13	63.3	<0.01	1.3	<3	4.8	<3	360	0.44	0.63	<0.5	6.5	0.292	0.36	0.29
S-825	Soil	0.3	1010	9	11.5	31.3	70	35.6	7.16	192.5	0.01	14	10	4.6	<3	550	0.69	0.64	<0.5	10.2	0.398	2.27	0.29
S-826	Soil	0.33	690	2	9.8	23.2	40	23.1	5.82	76.6	<0.01	1.2	9	5.12	<3	290	0.56	0.64	<0.5	7.4	0.353	0.51	0.4
S-827	Soil	0.53	930	<2	12.7	44.6	100	33.7	10.4	169.5	<0.01	2.7	11	8.58	<3	200	0.73	1.3	<0.5	11.9	0.421	1.04	0.61
S-828	Soil	0.25	270	2	22.3	33.5	60	20.9	8.64	110	0.01	2.1	<3	6.35	4	260	1.17	0.74	<0.5	13.2	0.427	0.8	0.47
S-829	Soil	0.54	780	<2	13.6	31.8	90	23.3	8.42	123.5	<0.01	1.7	<3	6.72	3	120	0.84	1.1	<0.5	10.5	0.462	0.89	0.51
S-830	Soil	0.5	630	<2	9.4	20.2	40	15.7	5.84	82.2	<0.01	1.3	<3	4.53	<3	190	0.61	0.92	<0.5	7.4	0.439	0.49	0.52
S-831	Soil	0.52	860	<2	13.4	24.3	40	24.8	6.39	103	<0.01	1	<3	5.21	<3	220	0.84	0.76	<0.5	8.8	0.507	0.56	0.38
S-832	Soil	0.4	660	<2	10.4	23.4	50	19.9	5.95	100.5	<0.01	0.8	<3	4.94	3	200	0.78	0.78	<0.5	8.3	0.433	0.66	0.42
S-833	Soil	0.6	950	3	12	32.5	70	20.9	8.43	106	<0.01	1.3	3	6.77	3	130	0.78	1.18	0.7	10.2	0.472	0.59	0.54
S-834	Soil	0.49	1010	2	12.2	28.9	70	28.1	7.54	103	0.01	1.7	3	5.86	<3	150	0.78	0.87	<0.5	9.1	0.438	0.62	0.44
S-835	Soil	0.44	880	2	12.4	27.4	70	25.8	6.89	113.5	<0.01	0.9	5	4.3	<3	160	0.88	0.78	<0.5	9	0.495	0.76	0.47
S-836	Soil	0.35	860	<2	11.1	24	310	22.3	6.55	119	<0.01	1.9	5	4.58	<3	190	0.84	0.97	<0.5	9.3	0.46	0.69	0.36
S-837	Soil	0.52	720	<2	11.6	19.75	30	19.5	5.02	73.7	<0.01	0.6	5	3.65	<3	300	0.86	0.84	<0.5	7.2	0.537	0.35	0.52

Sample ID	Sample Type	Lu ppm	Mn ppm	Mo ppm	Nb ppm	Nd ppm	Ni ppm	Pb ppm	Pr ppm	Rb ppm	Re ppm	Sb ppm	Se ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	Ti %	Tl ppm	Tm ppm
S-838	Soil	0.41	660	<2	12.2	22	250	23.9	5.79	93.7	<0.01	1.1	6	5.38	4	360	0.94	0.71	<0.5	7.3	0.522	0.5	0.4
S-839	Soil	0.47	720	<2	13	25.4	90	25	6.7	122	<0.01	1	4	5.27	<3	150	0.9	0.87	<0.5	9.3	0.469	0.69	0.51
S-840	Soil	0.51	750	2	14.8	27.7	80	26.4	6.81	134.5	<0.01	1.1	<3	5.07	<3	130	1.06	0.91	<0.5	9.9	0.506	0.88	0.46
S-841	Soil	0.57	1060	<2	13.3	26.8	40	24.8	6.79	76.8	<0.01	0.9	<3	5.91	<3	230	0.85	0.96	<0.5	6.7	0.75	0.53	0.5
S-842	Soil	0.5	460	<2	8.7	26.5	50	24	6.49	74.3	0.01	1	<3	5.78	<3	130	0.53	0.88	<0.5	6.1	0.54	0.42	0.43
S-844	Soil	0.31	600	<2	11.3	21.7	30	18.7	5.39	94.9	0.01	1	13	4.11	5	330	0.61	0.57	<0.5	7.9	0.533	0.42	0.34
S-845	Soil	0.59	850	<2	13.5	25.9	30	19	6.4	86.2	<0.01	1.2	<3	4.7	<3	270	0.93	0.94	<0.5	8.5	0.609	0.46	0.57
S-847	Soil	0.36	1160	8	9.1	26	70	23.7	6.44	93.4	<0.01	4.6	<3	5.31	<3	500	0.18	0.9	<0.5	9	0.339	1.2	0.37
S-848	Soil	0.41	750	<2	12.4	21.5	70	22.9	5.88	90.7	0.01	1	7	5.57	<3	180	0.35	0.74	<0.5	7.7	0.451	0.54	0.39
S-850	Soil	0.56	760	<2	14.2	33.9	380	30.4	8.82	168.5	<0.01	1.3	<3	5.94	3	100	0.94	1.02	<0.5	11.6	0.468	0.79	0.47
S-851	Soil	0.5	1000	<2	12.4	29.9	90	28.1	8.09	121	0.01	1.7	<3	6.36	<3	180	0.36	0.98	<0.5	11.5	0.494	0.76	0.54
S-852	Soil	0.43	1090	2	13.2	31.8	90	32.1	8.1	140	<0.01	4.4	<3	6.51	<3	150	0.42	0.95	<0.5	12.4	0.482	0.82	0.47
S-853	Soil	0.51	850	<2	11.9	28.4	70	29	7.49	125	<0.01	2.1	5	5.45	<3	310	0.88	0.87	<0.5	9.4	0.457	0.84	0.41
S-854	Soil	0.54	950	2	11.6	25.5	40	22.7	6.24	72.1	<0.01	0.9	<3	5.25	<3	200	0.74	0.91	<0.5	6	0.596	0.47	0.47
S-855	Soil	0.47	590	<2	14.4	28.9	30	19.3	7.73	92.6	<0.01	<0.3	<3	5.92	<3	200	0.62	0.79	<0.5	10.4	0.502	0.33	0.49
S-857	Soil	0.58	1530	2	11.8	32	100	55.9	8.61	141	<0.01	2.4	4	7.06	<3	190	0.85	1.04	<0.5	11.3	0.421	1.1	0.55
S-858	Soil	0.5	560	2	13.5	26.9	50	21.3	6.98	133.5	<0.01	1	6	4.91	<3	160	0.9	0.7	<0.5	10.2	0.468	0.78	0.42
S-859	Soil	0.52	1170	3	15	35.5	110	29.5	9.84	222	<0.01	2.4	<3	8.02	<3	380	1.19	1.15	<0.5	13.9	0.49	0.9	0.55
S-860	Soil	0.55	1050	<2	13.4	28.1	60	22.8	6.98	80.9	<0.01	0.5	3	6.66	<3	250	0.89	1.08	0.5	6.3	0.74	0.54	0.61
S-861	Soil	0.59	1100	<2	14.5	28.7	50	28.2	7.5	80.2	<0.01	0.9	<3	6.86	3	250	0.88	1.15	<0.5	6.6	0.8	0.49	0.68
S-862	Soil	0.57	960	<2	12.3	28.6	340	22.6	6.47	66.3	<0.01	0.6	6	5.76	<3	240	0.78	1.08	<0.5	7.4	0.716	0.53	0.52

Table 3. Soil sampling Phase Three, method ME-MS89L – Part 3.

Sample ID	Sample Type	U ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm
S-701	Soil						

Sample ID	Sample Type	U ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm
S-702	Soil	2.8	76	1.6	17.9	1.99	60
S-703	Soil	2.1	72	2	12.6	1.41	80
S-704	Soil	2.2	79	1.8	19.7	1.97	70
S-706	Soil	3.2	71	1.6	20	2.16	60
S-707	Soil	3.1	140	2.4	34.8	3.56	120
S-708	Soil	2.5	106	1.5	24.6	2.54	90
S-709	Soil	1.6	39	1	10.6	1.15	70
S-710	Soil						
S-711	Soil	2.9	141	1.4	22.8	1.99	110
S-712	Soil	16.2	134	1.8	39.7	4.02	100
S-713	Soil	2.5	60	0.9	12.6	0.9	70
S-714	Soil	5.3	159	2.1	38.9	3.73	170
S-715	Soil	2.3	64	1.3	21.9	2.39	60
S-716	Soil	2.8	98	1.6	21.3	2.11	100
S-717	Soil	3.8	121	2.5	48.6	3.55	90
S-718	Soil	3.7	63	1.1	16.5	1.4	90
S-719	Soil	2.2	128	1.7	25.3	2.53	80
S-720	Soil	2.5	99	1.6	22.5	2.12	100
S-721	Soil	2.1	102	2	23.9	2.73	120
S-723	Soil	2.1	68	1.2	21.2	2.38	70
S-724	Soil	2.2	98	2.2	20.8	2.2	100
S-725	Soil	2.1	59	1	15.7	1.72	50
S-726	Soil	2.5	116	1.8	21.1	2.19	90
S-727	Soil	3.2	126	1.7	21.6	2.1	130
S-728	Soil	2.5	107	2.3	24.5	1.86	90
S-729	Soil	2.5	63	1.5	22.1	2.72	60
S-730	Soil	2.6	108	2.2	23.8	2.5	90

Sample ID	Sample Type	U ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm
S-731	Soil	2.2	151	2.4	33.1	2.97	110
S-732	Soil	2.2	114	2	25.8	2.69	90
S-733	Soil	2.6	148	2.6	28.8	3.19	130
S-734	Soil	2.2	60	1.2	16.9	1.51	60
S-735	Soil	1.5	75	2	19.3	1.63	70
S-736	Soil	2.3	80	1.8	26	3	50
S-737	Soil	2.4	88	1.6	24.9	2.28	80
S-738	Soil	1.9	82	0.9	23.4	1.77	110
S-739	Soil	3	125	2.5	41.1	4	110
S-740	Soil	2.3	102	2.6	29.1	2.95	80
S-741	Soil	2.6	117	2.2	33.5	3.16	110
S-742	Soil	2.2	119	5.4	30.5	3.2	90
S-743	Soil	2	89	1.6	22.7	1.61	90
S-744	Soil	2.4	114	2.2	30.1	2.79	100
S-745	Soil	1.9	125	2.3	23.3	2.21	90
S-746	Soil	1.4	52	0.7	13.7	1.02	40
S-747	Soil	2.3	82	2.3	25.6	2.37	50
S-748	Soil	2.1	102	2.3	28.5	2.77	80
S-749	Soil	2.3	130	2.7	32	3.19	80
S-750	Soil	2	110	2.1	26.3	2.45	70
S-751	Soil	2.4	104	2.1	26.7	2.34	70
S-752	Soil	2.2	125	2.4	25.1	2.34	100
S-753	Soil	2.6	157	2.7	32.6	2.79	110
S-754	Soil	2.3	133	2.1	31.3	3.13	100
S-755	Soil	2.9	131	2.3	33.8	3.54	90
S-756	Soil	2.1	107	2	24	2.5	80
S-757	Soil	1.7	93	1.8	22.5	2.12	80

Sample ID	Sample Type	U ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm
S-758	Soil	2.4	112	1.6	23.1	2.54	90
S-759	Soil	2.4	137	2.2	31	3.68	90
S-760	Soil	2.3	161	2.2	33.2	3.18	110
S-761	Soil	2.8	94	2	19	1.62	70
S-762	Soil	2.3	132	2.4	28.1	3.11	90
S-763	Soil	2.9	147	2.6	35.5	3.25	170
S-764	Soil	2.5	95	2.3	24.8	2.24	70
S-765	Soil	2.2	128	2.4	28.3	2.76	90
S-766	Soil	1.8	112	2.2	24.9	2.23	80
S-767	Soil	2.4	124	2.8	31.8	3.5	100
S-768	Soil	2.2	136	2.5	46.7	4.81	100
S-769	Soil	2.4	134	2.9	36.7	3.48	90
S-770	Soil	1.9	128	2.2	24.7	2.75	80
S-771	Soil	2.3	140	1.9	31.7	2.8	100
S-772	Soil	2.3	147	2.2	31.3	2.9	120
S-773	Soil	2	132	2.1	28.6	2.91	100
S-774	Soil	2.6	132	2.3	30.3	3.13	100
S-775	Soil	2.5	104	2.3	25.9	2.84	70
S-776	Soil	3.5	103	1.5	21.7	2.05	90
S-777	Soil	2.2	112	2.1	28.4	3.1	90
S-778	Soil	2.7	106	2.4	27.4	3.26	100
S-779	Soil	2.9	104	1.9	25.9	2.79	90
S-780	Soil	1.8	122	2.1	27.2	2.75	100
S-781	Soil	2.3	89	2	24.6	2.08	70
S-782	Soil	2.4	84	1.3	19.1	1.91	70
S-783	Soil	2.2	120	2.6	26.1	2.42	80
S-784	Soil	2.8	129	3.1	26.4	3.08	100

Sample ID	Sample Type	U ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm
S-785	Soil	2.5	146	2.3	25.8	2.58	120
S-786	Soil	2.4	130	2.2	30.2	2.62	110
S-787	Soil	2	74	1.1	15.6	1.26	50
S-788	Soil	2.3	90	1.6	19.4	1.75	70
S-789	Soil	2	114	2	33.4	2.93	90
S-790	Soil	2.8	115	1.7	27.6	2.16	60
S-791	Soil	3.2	84	1.9	18.5	2.02	80
S-792	Soil	2.9	41	1.3	18.6	2.05	30
S-793	Soil	2.2	121	2	27.1	2.76	100
S-794	Soil	1.8	64	1.2	19.8	1.99	60
S-795	Soil	2.3	125	2	30.9	3.13	90
S-796	Soil	1.8	72	1.2	17.2	1.7	70
S-798	Soil	3.1	114	1.9	31	2.64	90
S-799	Soil	2.7	82	1.4	26.8	3.02	50
S-800	Soil	2.2	106	2	27.3	2.6	70
S-801	Soil	2.7	114	1.8	25	2.62	80
S-802	Soil	2	161	2	26	2.52	80
S-803	Soil	2.2	170	2.8	34.1	3.26	120
S-804	Soil	2.1	120	2	29.1	2.76	90
S-805	Soil	2.2	92	2	26.3	2.71	80
S-806	Soil	2.3	129	2.2	29.5	3.17	120
S-808	Soil	2.1	132	2.4	28.8	2.99	100
S-809	Soil	2.3	132	2.4	29.4	3.24	110
S-810	Soil	2.4	106	1.7	25.6	2.73	90
S-811	Soil	2.7	120	2.4	26	2.47	70
S-812	Soil	2.2	127	2.1	29.9	2.71	100
S-813	Soil	2.3	133	2.4	28.8	2.81	90

Sample ID	Sample Type	U ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm
S-814	Soil	2.2	142	2.7	37.1	3.59	90
S-815	Soil	2.6	128	2.8	31.3	3.15	100
S-816	Soil	2.5	114	1.5	19	1.28	90
S-817	Soil	0.8	30	0.4	14.3	1.25	40
S-818	Soil	2.3	86	2.1	23.4	2.48	100
S-819	Soil	2	53	1.2	17.9	1.71	50
S-820	Soil	2	102	2.2	25.2	2.41	90
S-821	Soil	2.2	65	1.5	18.2	1.57	60
S-822	Soil	2.3	68	1.1	23.5	3.32	60
S-823	Soil	1.7	53	1.3	15.6	1.64	50
S-824	Soil	1.7	54	1.1	19.3	1.9	40
S-825	Soil	2.6	138	2	20.2	1.91	150
S-826	Soil	2.4	72	1.6	24.3	2.36	60
S-827	Soil	5.1	129	2.5	48.6	4.09	110
S-828	Soil	1.8	95	2.3	27.7	2.51	90
S-829	Soil	2.9	156	2.8	37.3	3.36	110
S-830	Soil	2.6	129	1.5	30.7	3.21	60
S-831	Soil	2.4	122	1.9	30	3.6	80
S-832	Soil	2.3	127	1.9	26.3	2.95	80
S-833	Soil	2.7	154	1.9	38.3	3.5	90
S-834	Soil	2.6	136	1.5	30.5	2.91	100
S-835	Soil	2.7	127	2.2	30.4	2.99	90
S-836	Soil	2.8	147	2.2	28	2.61	90
S-837	Soil	2.8	106	1.4	31.4	3	50
S-838	Soil	3	120	2	26.6	2.54	50
S-839	Soil	2.5	134	2.5	31	3.46	90
S-840	Soil	3.3	146	2.6	29.3	3.62	90

Sample ID	Sample Type	U ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm
S-841	Soil	2.3	180	1.6	35.4	3.7	100
S-842	Soil	2	174	1.7	30.1	3.1	60
S-844	Soil	2.1	110	2	25.5	2.91	60
S-845	Soil	2.5	135	1.5	36.4	3.47	60
S-847	Soil	3	125	1.3	29.5	2.45	80
S-848	Soil	2	109	1.6	24.5	2.23	80
S-850	Soil	2.8	154	2.2	32.3	3.34	120
S-851	Soil	3.1	147	2	35.1	3.3	100
S-852	Soil	2.7	161	1.8	32.8	3.21	100
S-853	Soil	2.6	138	1.9	31.9	3.14	100
S-854	Soil	2	145	1.3	32.7	3.39	230
S-855	Soil	2.5	88	1.4	28.6	3.07	60
S-857	Soil	3.2	141	2.4	37.4	3.13	110
S-858	Soil	3.2	136	1.7	26.7	3.03	80
S-859	Soil	3	211	2.3	44	4.41	110
S-860	Soil	2.5	198	1.5	37.5	4.1	100
S-861	Soil	2.3	210	1.4	41.2	4.09	120
S-862	Soil	2.2	175	1.4	34.8	3.73	100

Repeated pulps from phase tree ME-MS89L and with analyses of B with method B-MS89L total 128 samples

Table 4. Soil sampling Phase Four, method ME-MS89L repeated pulps, with addition of B-MS89L for B – Part 1.

Sample ID	Sample Type	Ag ppm	As ppm	Ba ppm	B ppm	Be ppm	Bi ppm	Ca per	Cd ppm	Ce ppm	Co ppm	Cs ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe per	Ga ppm	Gd ppm	Ge ppm	Ho ppm	In ppm	K per	La ppm
S-701	NR																							
S-703	Soil	<5	113	392	181	2	0.2	0.9	<0.8	62	4.7	9.3	20	2.57	1.37	1.03	2.9	24.9	2.99	1.1	0.48	<0.3	2.5	32
S-704	Soil	<5	39	430	70	2.6	0.3	1	<0.8	53.1	14.7	14.6	20	3.8	2.13	1.1	2.79	19.3	3.89	1.6	0.67	<0.3	1.59	28
S-706	Soil	<5	14	486	39	4.1	<0.1	1	<0.8	75.9	12.2	4.3	20	4	2.8	1.27	2.8	24.5	4.47	1.4	0.8	<0.3	2.03	41.5

Sample ID	Sample Type	Ag ppm	As ppm	Ba ppm	B ppm	Be ppm	Bi ppm	Ca per	Cd ppm	Ce ppm	Co ppm	Cs ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe per	Ga ppm	Gd ppm	Ge ppm	Ho ppm	In ppm	K per	La ppm
S-707	Soil	6	134	588	253	3.4	0.6	1	0.9	70.5	20.3	29.6	60	7.78	4.05	2.22	5.15	22.5	7.11	2.6	1.46	<0.3	2.61	38.7
S-708	Soil	5	194	494	107	3.8	0.3	0.9	0.8	79.7	17.5	24.5	30	5.03	2.89	1.6	4.32	25.1	5.88	1.6	0.94	<0.3	2.06	41.6
S-719	Soil	10	123	545	147	4.3	0.5	1.1	0.9	75.4	18.3	22.2	40	4.82	2.42	1.5	4.46	24.2	6.04	2	1.05	<0.3	2.01	39.1
S-721	Soil	<5	92	578	121	1.8	0.4	2	0.8	59.6	16.7	20.7	40	4.5	2.58	1.39	3.64	19.4	5.13	1.9	1.04	<0.3	2.33	30.4
S-723	Soil	<5	68	319	171	3.4	0.2	1.1	<0.8	57.8	9.7	8.6	20	3.55	2.04	1.21	2.78	22.9	4.6	1.3	0.8	<0.3	2.06	30.9
S-724	Soil	6	88	482	109	2	0.4	1.1	0.8	54.7	15.5	22.1	30	3.99	2.19	1.11	3.45	19.1	3.98	1.9	0.75	<0.3	2.09	27.2
S-725	Soil	<5	65	316	42	2.5	0.2	1.3	<0.8	44.3	10.6	8.6	20	3.21	1.64	0.87	1.82	17.4	3.18	1.6	0.72	<0.3	1.23	21.6
S-726	Soil	5	125	439	139	2.6	0.4	1.1	<0.8	73.6	14.3	22.6	50	3.75	2.07	1.67	4.21	25.2	5.11	1.5	0.76	<0.3	1.56	36.6
S-727	Soil	<5	188	498	170	2.7	0.4	1.1	<0.8	63.3	21.8	36.6	60	3.68	1.92	1.21	4.74	25.4	5.08	1.8	0.72	<0.3	1.98	33.5
S-728	Soil	<5	126	428	103	2.8	0.4	7.1	<0.8	69.9	11	19.3	40	3.85	2.01	1.67	2.7	22.9	5.09	1.3	0.76	<0.3	1.78	37.2
S-731	Soil	5	126	547	168	3.1	0.5	1	0.8	74.7	20.6	29.6	50	6.6	3.38	1.63	5.1	23.4	5.83	2.1	1.24	<0.3	2.03	39.4
S-732	Soil	10	92	524	199	3.3	0.4	1.5	<0.8	67.1	18.3	23.9	40	4.45	2.56	1.43	3.92	21	5.57	1.9	0.97	<0.3	2.21	31.6
S-734	Soil	8	87	547	99	2.2	0.3	1.7	1.1	49.7	11	13.2	30	3	2.14	1.18	2.35	16.8	2.74	1.3	0.75	<0.3	2.27	23.7
S-735	Soil	<5	66	380	110	2.2	0.1	3.8	1.1	44.6	13.1	9	20	2.82	1.85	1.25	2.84	21.4	3.43	1.5	0.63	<0.3	2.33	22.4
S-736	Soil	<5	61	454	106	1.6	0.2	2	0.8	63.4	15.5	11.1	20	4.24	2.49	1.08	2.71	15.9	4.33	1.4	0.89	<0.3	1.63	29.7
S-737	Soil	6	59	474	105	2.1	0.3	1.8	0.8	58.6	15.7	12	30	4.18	2.54	1.5	2.97	17.5	4.65	1.6	0.87	<0.3	1.78	29.3
S-738	Soil	7	74	298	94	2.8	0.2	1.3	<0.8	64.3	9.5	8.4	30	3.65	2.2	1.44	3.42	23.3	4.79	1.4	0.84	<0.3	1.62	32.4
S-739	Soil	9	84	631	120	3.1	0.4	1.1	0.9	79.4	17.8	56.6	50	7.45	3.94	1.93	4.46	21.4	7.68	1.5	1.41	<0.3	2.33	41.9
S-740	Soil	8	58	538	103	1.8	0.4	1	1	65.4	19.3	19	40	5.02	3.3	1.36	3.33	17.5	4.76	2.1	1.02	<0.3	2.06	30.2
S-741	Soil	<5	98	541	158	1.9	0.3	1.1	0.9	66.4	18.7	32.4	40	5.09	3.15	1.66	4.08	20.5	5.27	1.8	1.01	<0.3	2.26	34
S-742	Soil	17	74	563	176	3.5	0.5	1	1.2	72.6	20.9	21.4	40	5.19	3.04	1.49	3.99	19.3	5.29	1.8	1.05	<0.3	2.17	36.1
S-743	Soil	<5	66	364	78	1.3	0.2	1.3	<0.8	55.7	13.1	11.4	30	3.58	1.91	0.98	2.93	21.2	4.24	2.7	0.76	<0.3	1.55	27.5
S-744	Soil	7	123	618	175	1.8	0.4	1.8	0.9	71	18.8	73.1	50	5.52	2.98	1.63	4.06	21.9	5.8	1.9	1.09	<0.3	2.3	35.6
S-746	Soil	5	39	189	67	3	0.1	1.6	<0.8	37.2	7	3.7	<20	2.16	1.76	0.78	2.07	16.8	2.48	1.4	0.6	<0.3	1.3	19.7
S-747	Soil	<5	59	390	57	2.4	0.4	1.1	0.8	59.3	9.9	8	20	4.58	3.29	1.29	2.43	16.4	5.13	1.1	0.96	<0.3	1.57	30.4
S-748	Soil	6	82	473	77	2.4	0.5	1.2	0.9	61.5	17.5	18.5	30	4.98	3.09	1.27	3.43	17.9	4.84	2	0.95	<0.3	1.77	31.2
S-749	Soil	<5	76	531	95	2.6	0.4	1	<0.8	73.1	20.3	24.1	40	5.35	2.92	1.2	4.27	20.9	5.93	1.9	1.19	<0.3	1.86	36.6

Sample ID	Sample Type	Ag ppm	As ppm	Ba ppm	B ppm	Be ppm	Bi ppm	Ca per	Cd ppm	Ce ppm	Co ppm	Cs ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe per	Ga ppm	Gd ppm	Ge ppm	Ho ppm	In ppm	K per	La ppm
S-750	Soil	<5	48	419	51	3.6	0.4	0.7	<0.8	67.9	13.6	11.6	20	4.66	3	1.28	3.62	19.4	4.74	1.5	0.96	<0.3	1.34	31
S-751	Soil	6	40	465	70	2.7	0.5	0.9	0.8	62.8	12.3	12.1	20	4.27	3.29	1.18	3.41	18	5.36	1.5	1.02	<0.3	1.63	31
S-752	Soil	6	53	480	112	3.3	0.5	0.9	<0.8	54.4	17.1	25.5	30	4.1	2.77	1.22	4.13	20	4.8	2.2	0.99	<0.3	1.88	26.1
S-753	Soil	6	80	653	295	3	0.6	2.2	1	70.5	20.4	25.1	50	5.31	2.89	1.54	5.2	23.8	6.19	1.5	1.01	<0.3	2.27	36.1
S-754	Soil	5	67	514	239	2.5	0.5	4.8	0.9	62.3	20.2	29.7	40	4.82	3.04	1.33	4.57	21.3	6.36	2.2	0.91	<0.3	2.21	32.1
S-755	Soil	6	44	554	286	2	0.5	1.3	1.1	64.9	17	21.8	40	4.93	2.99	1.46	4.25	23.5	5.8	2	1.12	<0.3	2.24	32.2
S-756	Soil	<5	48	469	159	2.2	0.4	1	<0.8	47.6	15.8	13.6	40	3.71	2.44	0.95	4.17	18.9	4.84	2.1	0.67	<0.3	1.85	22.7
S-757	Soil	6	42	395	204	0.9	0.4	19.7	0.8	41.8	12.3	15.4	40	4	2.13	0.97	3.1	13.9	3.8	1.5	0.71	<0.3	1.54	22.8
S-758	Soil	5	71	470	244	1.6	0.5	9.3	0.9	46.9	15.4	36.6	40	3.41	2.06	0.99	4.01	17.7	4.17	1.5	0.64	<0.3	1.99	24.5
S-759	Soil	5	102	548	208	2.8	0.6	2	<0.8	66.7	22.4	24.6	50	5.06	2.73	1.29	4.66	23.5	5.92	2.4	0.95	<0.3	2.06	35.7
S-760	Soil	5	118	611	321	1.8	0.4	0.8	<0.8	60.5	16.6	21.4	50	5.99	3.51	1.46	5.1	23.6	5.79	2.4	1.15	<0.3	2.56	32.5
S-761	Soil	6	13	524	208	1.6	0.5	7	<0.8	45.3	12	11.4	30	3	1.73	0.9	2.65	16.7	3.79	1.9	0.65	<0.3	1.51	22.1
S-762	Soil	6	82	615	188	3.2	0.6	1.7	0.9	66.4	20	26	50	5.11	3.16	1.49	4.51	21.4	5.91	2.2	0.97	<0.3	2.27	33.8
S-763	Soil	5	115	648	294	2.9	0.6	3	1.1	67.2	18.8	50.1	50	5.66	3.18	1.4	5.06	21.2	6.04	1.9	1.04	<0.3	2.7	36
S-764	Soil	8	51	512	120	2	0.6	0.9	1	61.2	16.2	17.1	30	4.41	2.77	1.12	3.2	18.4	4.33	1.6	0.84	<0.3	1.83	28.7
S-765	Soil	7	73	602	153	3.4	0.5	0.9	<0.8	68.6	21.4	21.1	40	5.16	3.28	1.55	4.28	21.1	5.73	2.1	1.07	<0.3	2.16	30.7
S-766	Soil	6	47	524	120	2.3	0.6	7.5	1	56.7	16.7	18.9	40	4.32	2.53	1.14	3.94	19.5	4.81	1.9	0.82	<0.3	1.61	28
S-767	Soil	5	65	576	120	3.4	0.5	0.9	1.1	64.6	19.8	20.5	40	5.38	3.06	1.31	4.4	19.5	5.24	1.9	1.09	<0.3	2.1	33.4
S-768	Soil	5	42	505	126	2.9	0.5	0.8	1	82.9	19.5	30.6	40	8.45	4.78	1.89	4.51	21.2	8.37	1.8	1.62	<0.3	2.09	45
S-769	Soil	7	64	527	93	3	0.4	0.9	0.9	71.6	19.1	24.1	40	5.68	3.1	1.58	4.38	21.2	6.36	2.3	1.15	<0.3	1.9	37.9
S-770	Soil	6	71	459	93	2.1	0.5	1	1	71.3	13.1	21.6	40	4.87	2.61	1.39	4.27	20.1	5.06	1.9	0.83	<0.3	1.78	35.7
S-771	Soil	6	107	589	87	3.1	0.6	1.1	0.8	77.9	23.5	25.7	50	5.68	3.49	1.7	4.64	21.6	6.05	2	1	<0.3	1.97	37.2
S-772	Soil	7	157	638	160	2.5	0.7	1.2	0.9	74.6	23.2	34.6	60	4.95	2.9	1.39	4.74	21.9	5.45	2.2	1.02	<0.3	2.53	35.8
S-773	Soil	<5	73	483	110	2.8	0.4	2.8	<0.8	59.9	18.3	39.3	30	4.75	2.83	1.01	4.05	18	4.92	2.2	0.83	<0.3	1.93	32.6
S-774	Soil	<5	66	547	219	1.7	0.5	2.2	<0.8	57.9	18.9	17.1	40	5.11	2.82	1.21	4.23	21.6	5.03	2.3	0.95	<0.3	2.04	30.9
S-775	Soil	5	61	470	226	1.2	0.4	8.8	<0.8	48.3	13.2	14.9	30	4.1	2.3	0.85	3.45	18.1	4.84	1.9	0.69	<0.3	1.8	24.4
S-776	Soil	<5	123	466	256	2.3	0.4	14.7	<0.8	43.9	16.4	22.6	50	2.77	2.28	0.81	3.94	16.1	4.6	1.6	0.66	<0.3	1.64	21.1

Sample ID	Sample Type	Ag ppm	As ppm	Ba ppm	B ppm	Be ppm	Bi ppm	Ca per	Cd ppm	Ce ppm	Co ppm	Cs ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe per	Ga ppm	Gd ppm	Ge ppm	Ho ppm	In ppm	K per	La ppm
S-777	Soil	<5	64	506	288	2.1	0.5	3.9	<0.8	49.1	14.6	18.2	40	4.17	2.64	1.09	3.79	19.1	4.68	1.7	0.67	<0.3	2.12	23.9
S-778	Soil	5	45	556	180	2.8	0.4	1.1	<0.8	58.8	13.3	20.2	30	5.24	3.32	1.37	3.6	19.6	5.65	2	1.12	<0.3	1.93	30
S-779	Soil	5	24	515	191	1.9	0.4	1.1	<0.8	49.4	11.4	17.2	30	4.04	2.19	1.35	3.53	20.8	4.73	1.6	0.79	<0.3	1.89	25.9
S-780	Soil	<5	63	490	169	2.6	0.3	7	<0.8	53.2	15.7	27.7	40	4.01	2.52	1.42	4.01	17.6	4.67	1.6	0.84	<0.3	1.96	28
S-781	Soil	<5	52	350	96	2.1	0.4	1.7	<0.8	49.9	12.7	10.3	20	3.5	1.57	1.24	2.82	17.5	4.49	1.7	0.7	<0.3	1.52	25.5
S-782	Soil	5	88	376	102	1.8	0.4	2.5	0.8	51.3	12.8	10.6	30	3.24	1.39	1.17	3.33	21.3	3.82	1.7	0.63	<0.3	1.49	24.1
S-783	Soil	6	49	515	137	2.8	0.6	0.9	1	58.2	15.8	16.1	30	4.68	2.84	1.32	3.92	21.7	5.02	2.5	0.87	<0.3	1.75	30.4
S-784	Soil	5	70	591	379	3.1	0.5	0.6	<0.8	64.7	16.1	26	40	4.63	2.66	1.04	4.27	23.3	4.72	2.2	0.93	<0.3	2.36	29.1
S-785	Soil	5	82	535	259	2.9	0.5	0.9	<0.8	63.3	13.9	16.9	40	4.88	2.81	1.37	3.76	24.2	4.6	2.1	0.93	<0.3	2.2	33.4
S-786	Soil	5	75	521	275	2.3	0.4	3.4	<0.8	60.3	17.7	30.6	40	5.08	3.25	1.35	4.43	21.6	5.47	2.4	1.1	<0.3	2.32	32.5
S-787	Soil	5	46	284	45	1.7	0.3	3.1	0.9	32.3	6.9	7.4	20	2.64	1.55	0.9	2.77	19.5	2.95	1	0.54	<0.3	1.11	16.8
S-788	Soil	7	75	391	122	1.8	0.5	3.5	1.1	54.8	14.7	15.7	40	3.15	1.73	1.11	3.17	22.3	4.24	1.7	0.66	<0.3	1.47	27.4
S-789	Soil	6	133	522	178	2.4	0.6	6.4	1.2	56.6	17.2	26.6	40	5.21	2.91	1.4	4.07	19.1	5.68	1.6	1.03	<0.3	2.3	36.7
S-790	Soil	7	153	560	187	1.4	0.4	8.6	0.8	59.3	16.3	24.7	50	4.61	2.34	1.34	3.39	19.1	5.29	1.6	0.87	<0.3	2.19	29.5
S-791	Soil	5	231	309	66	2	0.5	1.7	0.8	46.5	8.9	9.2	40	2.86	1.62	1.09	3.45	21.4	3.85	1.8	0.63	<0.3	1.49	25.3
S-792	Soil	5	80	301	49	0.7	0.2	20.5	0.9	26.7	7.4	4.2	<20	2.47	1.95	0.77	1.41	7.1	2.57	0.6	0.6	<0.3	0.64	12.5
S-793	Soil	<5	97	518	141	2	0.5	1	<0.8	51.5	13.9	29.1	40	5.11	2.51	1.25	4.12	19.1	4.58	2.5	0.78	<0.3	2.11	28.4
S-794	Soil	5	63	492	68	1.7	0.3	2.4	0.8	40.1	9.4	13.2	20	3.48	1.94	0.99	1.97	13.3	2.89	1.7	0.57	<0.3	1.66	19.95
S-795	Soil	5	96	471	145	2.3	0.5	1.2	<0.8	50.2	16.5	22.1	40	4.77	3.1	1.16	4.2	18.9	5.89	1.7	1.01	<0.3	1.97	28.8
S-796	Soil	8	50	316	95	2.4	0.4	1.3	1	43.2	9.6	8.5	20	3.07	1.86	0.85	2.65	20.1	3.38	1.2	0.6	<0.3	1.3	19.7
S-798	Soil	7	104	354	135	2.6	0.4	1.3	1.1	71.7	12.5	10.8	40	5.2	2.82	1.48	4.08	23.6	5.92	1.6	0.98	<0.3	1.33	33.2
S-799	Soil	5	46	445	91	1.8	0.3	1.8	0.8	42.1	10.5	6	20	3.95	2.55	0.87	2.64	16.5	3.73	1.8	0.82	<0.3	1.83	21
S-800	Soil	6	44	538	153	2.4	0.5	1.1	0.8	60.4	15.6	15.5	30	4.96	3.1	1.09	3.67	20.1	5.45	2.4	1	<0.3	1.83	30.2
S-801	Soil	5	97	506	156	3.3	0.4	0.9	<0.8	57.2	17.9	20.7	40	4.6	2.79	1.09	3.84	21.3	4.66	1.7	0.92	<0.3	2.12	27.4
S-802	Soil	6	56	384	195	2.6	0.5	0.4	1	52.1	15.2	10.6	30	4.26	2.28	1.1	5.31	20.4	4.24	2	0.92	<0.3	1.74	22.7
S-803	Soil	6	108	571	190	2.5	0.6	1.7	1.1	75.4	25.2	32	50	5.09	3.32	1.48	5.36	22.7	6.1	2	1.04	<0.3	2.29	39.1
S-804	Soil	6	71	581	186	1.8	0.5	1.2	1	76.7	20	26.6	40	5.35	3.15	1.34	4.35	20.5	6.28	2.6	0.98	0.3	2.39	39.5

Sample ID	Sample Type	Ag ppm	As ppm	Ba ppm	B ppm	Be ppm	Bi ppm	Ca per	Cd ppm	Ce ppm	Co ppm	Cs ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe per	Ga ppm	Gd ppm	Ge ppm	Ho ppm	In ppm	K per	La ppm
S-805	Soil	<5	54	482	170	2	0.4	7.7	0.8	48	10.4	25.3	30	4.13	2.59	0.94	3.06	17	4.56	1.6	0.85	<0.3	1.85	26.1
S-806	Soil	6	119	569	177	2.3	0.4	1	1.4	69.1	18.9	37.5	40	5.37	3.12	1.4	4.3	18.6	5.21	1.7	1.02	<0.3	2.23	34.3
S-808	Soil	6	90	538	127	3.4	0.5	0.9	1.2	68.3	18.8	29.8	40	5.58	3.69	1.49	4.62	22.2	5.63	2.1	1.14	<0.3	2.14	34.9
S-810	Soil	<5	101	520	178	2.4	0.4	2.6	1	55.6	15.2	36.4	50	4.91	3	0.89	3.69	18.5	5.07	1.9	0.95	<0.3	2.49	28.7
S-811	Soil	<5	81	512	211	3	0.4	5.9	<0.8	62.8	18.9	22.1	40	5.45	2.89	1.34	4.17	19	5.34	2.4	0.89	<0.3	2.05	31.9
S-813	Soil	6	119	571	102	2.2	0.6	1	0.8	73.6	22.6	29.7	50	5.3	3.16	1.2	4.53	20.3	6.04	2.5	0.94	<0.3	1.97	37.1
S-815	Soil	6	55	605	209	2.5	0.6	1.1	1	67.5	17.2	27.9	50	6.21	3.9	1.45	4.63	21.7	6.34	2.3	1.21	<0.3	2.18	36.5
S-816	Soil	<5	144	345	127	2.9	0.3	1.2	<0.8	69.6	13.2	20	40	3.12	1.85	1.26	4.82	24.1	3.68	1.6	0.66	<0.3	1.79	34.9
S-818	Soil	<5	47	566	107	3.1	0.3	1.5	0.9	58.6	15	16.6	50	4.35	2.73	1.2	3.08	15.9	5.01	1.3	1.02	<0.3	2.11	27
S-819	Soil	9	36	321	93	2.5	0.2	1.4	1	43.8	8.6	7.4	20	2.34	1.51	0.72	1.88	18.9	2.64	1.4	0.53	<0.3	1.87	21.3
S-822	Soil	<5	61	484	96	2.4	0.2	2.2	<0.8	47.6	10.3	8.1	20	3.38	1.9	1.1	2.59	14.9	3.69	1.3	0.84	<0.3	1.79	23.4
S-825	Soil	<5	494	721	334	1.9	0.4	6	1.1	68.2	21.8	67.8	50	3.7	1.8	1.27	3.79	21	3.97	1.2	0.65	<0.3	3.53	32.3
S-826	Soil	<5	59	458	104	1.7	0.2	1.9	<0.8	49.4	13	10	20	3.65	2.62	1.18	2.54	15.4	3.81	1.1	0.85	<0.3	1.78	24.2
S-829	Soil	6	86	496	163	3.3	0.6	1	1.2	73.8	19.8	14	60	6.47	3.68	1.4	5.17	22.4	6.81	2.3	1.25	<0.3	2.15	31.8
S-830	Soil	7	83	434	90	3	0.4	0.9	1.1	44.4	17.5	9.9	40	5.05	3.33	1.09	3.75	18.1	4.93	1.4	1	<0.3	1.73	18.75
S-831	Soil	<5	70	491	102	1.9	0.4	0.7	0.8	47.8	15.2	8.5	30	4.45	3.28	1.03	3.65	17.9	4.73	1.5	0.97	<0.3	2.12	22.3
S-832	Soil	7	73	476	205	2.6	0.4	0.9	1.2	52.7	17.6	11.5	40	4.96	3.01	1.15	4.08	18.8	5.16	1.9	1	<0.3	2.11	24
S-833	Soil	6	112	538	70	1.7	0.5	0.6	1	66.6	21.3	10	50	6.16	3.53	1.48	5.52	21.3	6.5	1.9	1.24	<0.3	1.99	28.6
S-834	Soil	5	124	526	137	2.1	0.5	0.7	0.8	59.1	16.6	13.5	40	5.24	3	1.42	4.6	20.2	5.19	1.9	1.13	<0.3	1.83	29.8
S-835	Soil	8	82	491	140	2.3	0.5	0.8	1.2	58.1	22.3	16.2	50	5.11	2.71	1.11	4.08	19.5	4.66	1.9	0.99	<0.3	2.09	26.3
S-836	Soil	7	171	502	173	2.6	0.4	1.2	<0.8	57.3	19.3	19	50	5.03	2.94	1.14	4.5	20.2	5.21	1.9	0.99	<0.3	2.07	24.4
S-837	Soil	6	31	444	199	3.1	0.3	0.6	1	41.5	13.7	5.9	20	4.8	3.03	1.04	3.56	16.8	4.81	1.5	0.93	<0.3	1.9	18.75
S-838	Soil	8	33	507	223	2.6	0.4	0.5	1.4	46.1	14.4	4.4	20	3.94	2.57	1.04	3.32	19.2	3.83	1.9	0.76	<0.3	2.33	20.1
S-839	Soil	6	113	473	112	2.3	0.5	0.8	1.1	56.5	18.7	14.4	50	5	3.05	1.27	4.29	19.7	5.12	1.9	1.08	<0.3	2.13	26.6
S-840	Soil	7	105	557	105	3.7	0.5	0.5	0.8	62.4	18	12.7	50	5.36	2.81	1.28	4.73	21.8	5.25	2.1	1.04	<0.3	2.38	26.8
S-841	Soil	7	30	422	67	1.8	0.5	2	1.2	53.7	20.1	6	40	6.31	3.55	1.25	5.18	20.5	5.62	1.4	1.17	<0.3	1.67	24
S-842	Soil	7	105	358	90	1.3	0.3	0.9	0.9	48	16	10.5	40	4.57	3.17	1.45	4.87	19.8	5.71	1.2	0.95	<0.3	1.99	22.9

Sample ID	Sample Type	Ag ppm	As ppm	Ba ppm	B ppm	Be ppm	Bi ppm	Ca per	Cd ppm	Ce ppm	Co ppm	Cs ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe per	Ga ppm	Gd ppm	Ge ppm	Ho ppm	In ppm	K per	La ppm
S-844	Soil	5	29	520	270	3.3	0.4	0.6	<0.8	47.2	12	7.5	20	3.85	2.71	0.77	3.66	20.8	4.37	2.5	0.82	<0.3	2.19	20.6
S-845	Soil	7	94	484	183	3.4	0.5	0.9	1.1	54.5	16.1	8.5	30	5.8	4.18	1.09	4.34	19.7	6.18	1.9	1.33	<0.3	1.93	24
S-847	Soil	<5	220	668	391	1.5	0.3	13.3	0.8	54.5	24.4	14.6	50	5.54	3.42	1.45	4.3	15.1	5.74	0.9	1.02	<0.3	3.13	26.8
S-848	Soil	<5	66	449	70	2.1	0.4	3.9	<0.8	55.9	17.2	9.8	40	4.31	2.45	1.12	3.55	17.1	4.56	1.7	0.95	<0.3	2.14	30.2
S-850	Soil	7	86	504	230	2.9	0.6	1.7	1.1	69.8	20.7	30.5	50	5.12	3.26	1.35	4.71	22.4	6.28	1.9	1.12	<0.3	4.01	34.3
S-851	Soil	<5	121	591	96	2	0.5	1.2	<0.8	58	21	26.1	50	6.08	3.61	1.68	4.98	21.1	5.8	1.7	1.13	<0.3	2.27	33.7
S-852	Soil	<5	136	601	86	2.1	0.6	1.1	0.8	68.5	23.8	38.2	60	6	3.28	1.68	5.41	22.2	6.03	2.6	1.19	<0.3	2.66	33.4
S-853	Soil	6	81	487	255	2.2	0.5	5.1	1.1	57.6	20.2	22	40	4.7	2.8	1.28	4.44	18.8	5.61	1.8	0.93	<0.3	2.17	26.7
S-854	Soil	6	21	381	65	1.6	0.4	4.3	1.3	50.1	19.1	5.7	60	5.47	3.04	1.21	4.26	17.5	5.34	1.3	0.97	<0.3	1.57	24.2
S-855	Soil	6	44	518	33	2.8	0.3	1.1	<0.8	61.1	12.3	7	20	4.7	2.68	1.12	3.39	19.1	5.48	1.8	0.94	<0.3	1.72	29.6
S-857	Soil	11	147	592	120	4	0.8	1.9	1.6	78	28.3	23.5	70	6.18	3.78	1.34	4.84	20.4	6.85	1.9	1.18	<0.3	2.33	34.9
S-858	Soil	7	70	590	249	1.9	0.4	0.5	0.9	63.4	16.6	10.4	30	4.04	2.58	1.09	4.55	22.5	4.14	2.1	0.84	<0.3	2.99	26.2
S-859	Soil	9	82	617	826	3.3	0.7	0.3	1.8	78.7	24.3	31.6	60	6.85	3.84	1.48	5.82	24.3	7.04	1.7	1.38	<0.3	5.03	35.3
S-860	Soil	6	12	453	56	1.4	0.5	2.2	1.2	56.2	23	5.6	30	6.77	3.61	1.71	5.51	21.2	6.01	1.7	1.29	<0.3	1.67	25.3
S-861	Soil	5	16	455	33	1.7	0.3	2.1	0.9	55.7	21.3	5.3	30	6.56	3.74	1.53	5.63	22.9	5.96	1.8	1.21	<0.3	1.67	25.1
S-862	Soil	7	13	416	35	1	0.4	1.9	1.3	47	19.3	3.5	30	5.41	3.51	1.44	4.9	20.3	5.69	1.5	1.08	<0.3	1.46	20.7

Table 5. Soil sampling Phase Four, method ME-MS89L repeated pulps, with addition of B-MS89L for B – Part 2.

Sample ID	Sample Type	Li ppm	Lu ppm	Mn ppm	Mo ppm	Nb ppm	Nd ppm	Ni ppm	Pb ppm	Pr ppm	Rb ppm	Re ppm	Sb ppm	Se ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	Ti per	Tl ppm
S-701	NR																						
S-703	Soil	117	0.27	150	<2	10.8	27.2	30	13.5	7.17	82	<0.01	3.1	<3	4.67	<3	350	0.85	0.42	<0.5	8.3	0.324	0.32
S-704	Soil	65	0.36	800	<2	13	23.2	50	31	5.95	79.2	0.01	2	<3	4.34	<3	250	0.92	0.53	<0.5	7.9	0.454	0.56
S-706	Soil	35	0.42	660	2	22.5	32.2	30	18.2	8.81	89.2	<0.01	0.6	<3	5.13	<3	290	1.49	0.7	<0.5	10.3	0.502	0.54
S-707	Soil	119	0.52	760	4	12.7	35.7	120	34.8	9.77	128.5	<0.01	2.5	12	7.58	5	160	0.8	1.14	1	12.7	0.476	0.94
S-708	Soil	90	0.41	680	3	18.2	34.8	50	26.4	9.16	105.5	<0.01	4.8	<3	6.6	<3	280	1.11	0.84	0.5	10.6	0.434	1.07
S-719	Soil	96	0.37	520	3	15.3	37.4	70	30	9.01	108	<0.01	2.2	<3	6.28	<3	230	0.99	0.81	0.8	12.3	0.425	0.83

Sample ID	Sample Type	Li ppm	Lu ppm	Mn ppm	Mo ppm	Nb ppm	Nd ppm	Ni ppm	Pb ppm	Pr ppm	Rb ppm	Re ppm	Sb ppm	Se ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	Ti per	Tl ppm
S-721	Soil	65	0.43	1050	<2	11	26.9	70	32.9	6.9	105	<0.01	2.1	6	5.16	<3	260	0.82	0.67	0.5	8.9	0.415	0.71
S-723	Soil	101	0.29	290	<2	8.6	28.1	30	12.6	6.92	91.4	<0.01	0.7	<3	4.51	<3	360	0.75	0.56	<0.5	7.6	0.336	0.35
S-724	Soil	74	0.39	770	2	12.5	23.5	80	34.7	6.31	110.5	<0.01	1.5	7	4.34	5	200	0.76	0.54	<0.5	9.7	0.446	0.65
S-725	Soil	45	0.2	480	2	9.6	18.35	30	25.8	4.67	62.9	0.01	1.1	5	3.34	<3	340	0.69	0.54	<0.5	6.2	0.335	0.54
S-726	Soil	84	0.27	330	5	12.5	31.8	50	25.6	8.26	85.7	<0.01	2	<3	5.81	<3	280	0.85	0.57	0.5	9.7	0.39	0.8
S-727	Soil	132	0.28	680	4	10.4	31.1	110	27.6	7.44	103.5	<0.01	3.5	<3	5.3	<3	260	0.74	0.58	<0.5	8.5	0.401	0.82
S-728	Soil	92	0.29	430	<2	12.3	32.4	40	18.2	7.91	89.8	<0.01	4.6	9	6.27	3	310	0.81	0.65	0.7	11.1	0.419	0.63
S-731	Soil	112	0.45	920	2	14.7	36.3	100	34.9	9.12	122	<0.01	2.4	<3	6.99	<3	150	1	1.08	0.7	11.4	0.456	0.96
S-732	Soil	88	0.37	800	<2	12.4	30	80	31.3	7.59	109.5	<0.01	2.1	<3	5.51	<3	290	0.91	0.77	<0.5	9.7	0.432	0.8
S-734	Soil	41	0.36	690	2	9.7	22.7	40	22	5.39	79.4	<0.01	1.3	<3	3.82	8	400	0.67	0.44	<0.5	7	0.294	0.51
S-735	Soil	43	0.21	510	<2	10.3	20.4	40	14	4.95	76.1	<0.01	1.4	<3	3.52	<3	400	0.91	0.52	<0.5	5.6	0.376	0.38
S-736	Soil	61	0.43	770	<2	12.3	26.7	50	28.5	6.69	76.2	<0.01	1.6	6	4.96	<3	280	0.87	0.72	<0.5	8.8	0.428	0.58
S-737	Soil	66	0.41	810	<2	12.4	25.7	60	29.3	6.58	83.7	<0.01	1.3	<3	4.32	<3	280	1.13	0.6	<0.5	8	0.405	0.64
S-738	Soil	56	0.25	460	<2	8.3	30.2	50	12.2	7.54	71.8	<0.01	1.2	<3	4.88	<3	330	0.54	0.64	<0.5	9.5	0.291	0.44
S-739	Soil	113	0.57	1000	<2	14.4	42.2	90	37	10.15	137	<0.01	2.8	<3	8.34	<3	220	0.93	1.1	<0.5	11.2	0.439	1.24
S-740	Soil	83	0.44	1010	<2	14.3	27.7	80	38.2	6.94	102.5	0.01	2.4	8	5.68	<3	210	1.02	0.72	<0.5	9.1	0.471	0.8
S-741	Soil	119	0.44	880	<2	12.3	31	70	32.4	8.01	114	<0.01	2.2	<3	5.71	<3	220	1	0.87	<0.5	10.4	0.498	0.81
S-742	Soil	108	0.45	1070	2	15.6	32.9	80	39.2	8.27	115.5	<0.01	2.2	3	5.9	<3	210	1.11	0.91	<0.5	10.9	0.481	0.82
S-743	Soil	61	0.3	420	<2	9.5	27.6	50	21.3	6.92	74.5	<0.01	1	<3	4.78	<3	300	0.8	0.61	0.5	7.1	0.356	0.53
S-744	Soil	84	0.39	900	<2	12.1	32.7	70	33.9	7.72	123	<0.01	2.5	3	6.59	<3	320	0.87	0.8	<0.5	10.2	0.431	1.09
S-746	Soil	13	0.29	360	<2	6.2	16.45	20	11.4	4.4	40.6	<0.01	0.6	4	2.96	<3	360	0.55	0.39	<0.5	4.5	0.249	0.23
S-747	Soil	39	0.38	500	<2	15.8	27.3	300	28.6	7.25	75.8	<0.01	1.3	7	5.53	<3	240	1.05	0.75	<0.5	9.7	0.437	0.47
S-748	Soil	77	0.33	820	2	12.8	28.6	70	36.1	7.52	102.5	<0.01	1.9	19	5.56	3	190	0.73	0.69	<0.5	10	0.425	0.76
S-749	Soil	102	0.41	960	2	15.6	33.4	80	34.9	8.91	115	<0.01	2.8	<3	7.22	<3	160	1.11	0.89	<0.5	11.4	0.509	0.75
S-750	Soil	49	0.31	390	2	14.5	28	50	30.2	7.26	83.3	<0.01	1.2	4	5.62	<3	160	1.07	0.64	<0.5	9.6	0.424	0.67
S-751	Soil	64	0.34	530	<2	15.6	28.6	50	28.2	7.56	92.7	<0.01	1.1	<3	5.4	<3	170	0.88	0.61	<0.5	10	0.483	0.64
S-752	Soil	89	0.4	700	<2	12.4	23.8	80	29.5	6.77	117.5	<0.01	2.9	6	5.18	<3	140	0.81	0.72	<0.5	9.8	0.454	0.69

Sample ID	Sample Type	Li ppm	Lu ppm	Mn ppm	Mo ppm	Nb ppm	Nd ppm	Ni ppm	Pb ppm	Pr ppm	Rb ppm	Re ppm	Sb ppm	Se ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	Ti per	Tl ppm
S-753	Soil	133	0.36	940	<2	14.2	32.8	90	34.2	9.09	128.5	0.02	2.6	11	7.84	<3	200	0.76	0.75	<0.5	13	0.491	0.94
S-754	Soil	105	0.44	840	<2	12.7	30.3	90	30.5	7.86	123.5	<0.01	2.7	<3	7.06	<3	150	0.71	0.81	<0.5	10.5	0.452	0.73
S-755	Soil	94	0.45	540	<2	13.3	28.8	60	32.5	7.79	120.5	<0.01	2.2	<3	5.72	<3	200	0.71	0.82	<0.5	10.9	0.485	0.66
S-756	Soil	105	0.27	1060	<2	9.1	22.3	80	23.4	5.87	79.1	0.01	1.8	4	4.63	<3	190	1.54	0.54	0.8	8.4	0.407	0.42
S-757	Soil	74	0.24	530	<2	7.5	21.7	70	25.5	5.32	79.8	<0.01	1.1	5	4.6	<3	260	0.44	0.53	<0.5	7	0.283	0.52
S-758	Soil	142	0.24	790	2	9.8	23.3	90	28.7	5.94	116	<0.01	3.3	3	3.97	<3	360	0.59	0.58	<0.5	8.9	0.355	0.75
S-759	Soil	112	0.44	900	3	12.3	31.8	100	33.6	7.88	116	<0.01	2.8	5	6.67	<3	190	0.89	0.85	<0.5	11.9	0.436	0.81
S-760	Soil	103	0.44	550	<2	13.3	29.3	100	28.8	7.94	141	0.01	2.1	<3	6.11	<3	130	0.76	0.89	<0.5	10.6	0.488	0.79
S-761	Soil	72	0.19	450	<2	10.2	20.9	40	18.8	5.2	69.4	<0.01	1	8	4.03	<3	250	0.55	0.48	<0.5	7	0.364	0.42
S-762	Soil	110	0.43	910	<2	13.8	30.3	90	36.6	7.91	135.5	<0.01	1.9	<3	6.84	<3	200	0.79	0.85	<0.5	11.7	0.473	0.86
S-763	Soil	176	0.5	830	<2	12.7	33.5	100	44.2	8.6	146	<0.01	5	5	6.07	4	170	0.8	0.78	0.6	12.4	0.447	1.03
S-764	Soil	86	0.4	990	2	12.8	24.7	70	35.1	6.57	101	<0.01	1.7	<3	4.77	<3	200	0.76	0.72	0.7	9.8	0.451	0.62
S-765	Soil	102	0.41	990	<2	13.8	29.3	90	34.7	7.71	123	<0.01	1.9	<3	6.48	<3	200	0.88	0.81	<0.5	11	0.474	0.73
S-766	Soil	81	0.31	810	<2	12	26.4	80	26.9	6.59	99.5	<0.01	1.7	3	5.36	<3	190	1.21	0.7	<0.5	9.7	0.406	0.66
S-767	Soil	95	0.47	810	<2	14.3	28.6	80	32.4	7.68	118	0.02	1.2	18	5.85	4	160	0.92	0.87	0.7	10.9	0.489	0.71
S-768	Soil	107	0.55	610	<2	13.9	41.1	110	29.5	11.15	122.5	<0.01	1.9	10	8.54	4	160	0.78	1.45	<0.5	10.6	0.48	0.91
S-769	Soil	88	0.43	760	<2	14.8	33.4	90	32.4	8.78	119	<0.01	2.6	<3	7.27	4	140	0.96	0.88	0.9	11.8	0.478	0.97
S-770	Soil	75	0.35	400	2	14.8	31.9	70	30.2	9.16	110.5	<0.01	1.9	9	6.6	5	150	0.93	0.84	<0.5	12.2	0.461	0.74
S-771	Soil	124	0.42	920	3	14.1	33.9	90	37.9	8.75	129.5	<0.01	2.3	5	7	5	200	0.74	0.88	<0.5	12.2	0.433	0.78
S-772	Soil	166	0.43	890	5	13	33.4	110	43.6	8.57	140	<0.01	2.7	3	6.47	5	200	0.98	0.7	0.5	13.6	0.434	0.92
S-773	Soil	110	0.42	820	<2	13	28.5	90	34	7.43	114.5	<0.01	3.3	5	5.53	5	170	0.72	0.7	0.7	11.3	0.444	0.87
S-774	Soil	106	0.41	890	<2	11.3	26.9	80	29.6	6.69	115	<0.01	2.1	<3	6.03	<3	190	0.78	0.71	<0.5	10.2	0.448	0.71
S-775	Soil	67	0.26	840	<2	9.2	24.4	50	18	6.18	85.6	<0.01	1.4	4	4.77	<3	210	0.57	0.54	<0.5	8.2	0.376	0.52
S-776	Soil	104	0.28	590	3	6.3	21.8	80	21.1	5.56	82.9	0.01	2.9	3	4.22	<3	430	0.43	0.5	<0.5	7.7	0.296	0.68
S-777	Soil	94	0.33	630	<2	10.6	22.6	90	23.9	5.91	104.5	<0.01	1.5	9	4.58	<3	210	0.6	0.75	<0.5	8.3	0.427	0.49
S-778	Soil	53	0.56	770	<2	11.3	27.2	200	30	7.38	94.4	0.01	3.1	13	5.71	<3	200	0.77	0.8	<0.5	9.7	0.444	0.73
S-779	Soil	88	0.31	270	<2	9.6	25	70	26.3	6.34	85.7	<0.01	1.7	<3	5.64	<3	210	0.61	0.65	0.6	8.6	0.419	0.65

Sample ID	Sample Type	Li ppm	Lu ppm	Mn ppm	Mo ppm	Nb ppm	Nd ppm	Ni ppm	Pb ppm	Pr ppm	Rb ppm	Re ppm	Sb ppm	Se ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	Ti per	Tl ppm
S-780	Soil	97	0.33	690	<2	11	27.1	70	24.4	6.69	96.9	<0.01	2.7	8	5.56	4	230	0.65	0.67	<0.5	9.8	0.411	0.64
S-781	Soil	86	0.26	510	2	10.1	23.4	50	23.4	5.97	65.8	<0.01	1.9	15	4.82	4	240	0.64	0.57	0.6	8.4	0.381	0.49
S-782	Soil	52	0.31	740	4	9.3	23.1	50	14.9	5.77	69.4	<0.01	0.9	<3	3.68	<3	330	0.54	0.54	<0.5	6.8	0.346	0.55
S-783	Soil	71	0.29	670	<2	13.7	25.6	60	29.7	6.89	103.5	<0.01	1.5	<3	6.04	<3	170	0.76	0.68	0.7	10	0.463	0.77
S-784	Soil	97	0.31	780	2	15.3	24.2	70	30.9	7.04	139.5	0.01	2.3	<3	5.62	<3	290	0.98	0.6	<0.5	11.4	0.499	0.99
S-785	Soil	128	0.39	460	2	12.6	27.7	50	19.9	7.5	118.5	<0.01	1	3	5.45	6	330	0.93	0.78	<0.5	11.1	0.438	0.87
S-786	Soil	107	0.39	890	<2	11.4	29.4	80	31.2	7.53	116	<0.01	2.2	3	5.89	<3	190	0.76	0.8	<0.5	10.8	0.445	1.01
S-787	Soil	37	0.16	610	3	7.4	14.75	30	9.1	3.86	50.7	<0.01	0.9	4	3.22	<3	400	0.49	0.42	<0.5	3.9	0.335	0.27
S-788	Soil	67	0.22	570	4	9.6	24.7	60	19.8	6.29	79.2	<0.01	1.8	5	4.39	<3	370	0.61	0.53	<0.5	7.6	0.347	0.58
S-789	Soil	89	0.36	790	2	11.9	30.1	100	26	7.87	113.5	<0.01	2.1	6	6.56	5	250	0.8	1	0.7	10.5	0.374	0.9
S-790	Soil	61	0.35	930	<2	9.3	28	60	27.2	6.87	99	0.01	2.9	<3	5.39	<3	390	0.57	0.78	<0.5	10.2	0.33	0.63
S-791	Soil	43	0.22	220	11	7.8	21.9	40	20.8	6.05	61.8	<0.01	1.7	4	4.78	4	350	0.48	0.55	0.5	6	0.331	0.31
S-792	Soil	34	0.33	740	<2	4.7	11.5	40	13.9	2.89	22.7	<0.01	0.8	3	2.38	<3	510	0.25	0.34	0.7	6.3	0.187	0.22
S-793	Soil	119	0.34	650	<2	11.5	27.3	90	31.5	6.61	101.5	<0.01	3.5	11	4.71	5	150	0.69	0.76	0.8	9.6	0.432	0.72
S-794	Soil	80	0.34	470	<2	8.9	18.85	50	24.2	4.42	58.7	<0.01	3	3	4.1	4	280	0.61	0.45	<0.5	7.1	0.371	0.42
S-795	Soil	108	0.33	780	2	11	27.7	100	25.6	7.23	93.1	<0.01	2.1	3	5.62	6	200	0.8	0.83	1.2	9.5	0.428	0.66
S-796	Soil	90	0.24	320	2	10.6	18.25	50	14.2	5.27	58.4	<0.01	1.7	5	4.1	<3	320	0.67	0.44	<0.5	6	0.326	0.44
S-798	Soil	54	0.27	590	4	11	33.1	60	15.2	8.56	68.6	<0.01	1.1	3	5.96	<3	270	0.68	0.92	<0.5	10.1	0.377	0.56
S-799	Soil	33	0.31	630	<2	8.4	19.65	30	17.8	5.04	72.8	<0.01	0.7	<3	3.55	<3	280	0.9	0.55	<0.5	6.3	0.335	0.4
S-800	Soil	65	0.34	790	<2	14	27.2	50	32.1	7.59	99.6	<0.01	1.5	4	5.52	<3	200	0.72	0.79	<0.5	9.9	0.493	0.71
S-801	Soil	88	0.37	740	3	11.8	24.7	60	29.7	6.58	121	<0.01	1.7	<3	5.32	<3	150	0.75	0.68	<0.5	9.6	0.413	0.7
S-802	Soil	41	0.34	460	<2	12.8	25	30	18.8	6.32	105	<0.01	0.6	<3	4.65	<3	270	0.68	0.71	<0.5	9.7	0.629	0.41
S-803	Soil	144	0.42	1040	2	14.7	32.7	120	40.7	9.22	137.5	<0.01	2.4	19	6.67	6	140	1.01	1	0.7	13.4	0.499	0.89
S-804	Soil	118	0.43	970	<2	14.3	36	80	43.2	9.48	134	0.01	2.1	7	6.21	6	190	0.95	0.87	0.7	13.2	0.502	0.87
S-805	Soil	94	0.31	820	<2	9.3	23.3	50	28.8	6.07	95.1	<0.01	1.5	<3	4.9	<3	280	0.59	0.67	0.5	8.2	0.376	0.49
S-806	Soil	124	0.42	1060	<2	13.3	32.1	90	42.8	8.2	133.5	0.01	2.8	8	6.55	4	150	0.91	0.85	0.9	12	0.46	0.96
S-808	Soil	105	0.42	820	2	14.8	31.7	70	34.5	8.21	125	<0.01	2.3	18	6.81	8	160	1.12	0.98	<0.5	11.4	0.504	0.95

Sample ID	Sample Type	Li ppm	Lu ppm	Mn ppm	Mo ppm	Nb ppm	Nd ppm	Ni ppm	Pb ppm	Pr ppm	Rb ppm	Re ppm	Sb ppm	Se ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	Ti per	Tl ppm
S-810	Soil	113	0.38	900	<2	12.9	26.3	70	32.2	6.47	115.5	0.01	2.3	4	5.16	6	270	0.85	0.72	0.8	9.6	0.489	0.85
S-811	Soil	126	0.39	880	<2	12.2	29.2	110	32.8	7.35	115	0.02	2	3	6.47	7	410	0.76	0.81	1.2	11.2	0.451	0.76
S-813	Soil	130	0.4	880	3	15.4	32.7	90	42.7	8.89	135	<0.01	2.5	8	6.71	7	170	0.99	0.94	0.7	12.8	0.474	0.97
S-815	Soil	105	0.62	790	2	14.6	34	70	34.1	8.92	123.5	<0.01	2.1	<3	7.07	4	160	1.03	0.94	0.6	12.3	0.484	0.83
S-816	Soil	49	0.22	340	3	10.7	29.9	70	25.2	7.61	88.9	<0.01	1.9	<3	5.77	<3	310	1.59	0.47	<0.5	10.2	0.389	0.6
S-818	Soil	68	0.43	1080	<2	11.4	25.6	60	32.9	6.52	90.1	<0.01	1.4	<3	4.76	<3	260	0.81	0.7	<0.5	8.2	0.418	0.77
S-819	Soil	30	0.24	460	<2	10.7	18.45	30	21.2	4.82	67.2	<0.01	0.9	11	3.61	<3	340	0.69	0.38	<0.5	6.2	0.326	0.39
S-822	Soil	42	0.32	610	<2	8.2	20.9	30	20.4	5.11	65.1	<0.01	0.8	<3	3.44	<3	330	0.66	0.45	<0.5	5.4	0.329	0.38
S-825	Soil	119	0.26	940	9	10.3	29.8	60	35	7.24	166.5	<0.01	13.3	<3	5.34	<3	550	0.74	0.6	0.6	9.4	0.389	2.33
S-826	Soil	56	0.4	700	<2	8.7	21.5	40	23.3	5.5	69.5	0.01	1.1	<3	4.08	<3	300	0.66	0.56	<0.5	6.8	0.36	0.5
S-829	Soil	95	0.46	770	<2	12.7	30.6	90	22.5	8.29	117	<0.01	1.7	<3	6.93	<3	120	0.81	0.86	<0.5	11.5	0.488	0.65
S-830	Soil	50	0.41	630	<2	9.9	21.7	50	14.1	5.04	80.2	<0.01	1.1	<3	4.44	<3	170	0.62	0.76	<0.5	7.5	0.456	0.56
S-831	Soil	43	0.44	780	2	11.9	23.4	40	22.6	6.09	93.5	<0.01	1	<3	3.82	<3	200	0.83	0.63	<0.5	8.9	0.505	0.56
S-832	Soil	80	0.55	650	<2	11.8	25.3	60	18.6	6.55	95.4	0.01	1	<3	5.68	<3	210	0.7	0.75	<0.5	9	0.482	0.65
S-833	Soil	61	0.66	890	2	12	30.5	70	20.2	7.69	103	<0.01	1.1	<3	6.54	<3	130	0.78	0.99	<0.5	10.2	0.483	0.67
S-834	Soil	78	0.37	970	2	10.8	28.3	70	24.3	7.56	99.7	<0.01	1.5	<3	6.38	<3	140	0.62	0.87	<0.5	9.2	0.471	0.48
S-835	Soil	81	0.43	850	2	13	26	80	26.1	6.7	113	<0.01	1.3	5	5.75	<3	150	0.87	0.81	<0.5	9.8	0.498	0.8
S-836	Soil	69	0.44	810	<2	11.2	24.1	70	21	6.45	114	<0.01	1.5	9	5.57	<3	180	0.71	0.69	<0.5	9.3	0.471	0.76
S-837	Soil	91	0.39	740	<2	11.6	19	30	19.7	5	76.7	<0.01	0.8	<3	4.11	<3	300	0.75	0.59	<0.5	8.2	0.565	0.43
S-838	Soil	116	0.36	620	<2	12.9	20.5	30	22.4	5.2	91.9	<0.01	1	<3	4.03	<3	340	0.82	0.58	<0.5	7.4	0.533	0.43
S-839	Soil	88	0.45	700	<2	13.4	27.1	90	23	6.93	109.5	<0.01	1.5	<3	5.27	<3	140	1.07	0.76	0.7	10.2	0.491	0.78
S-840	Soil	91	0.41	700	2	15	26.2	80	24.5	7.42	126	0.01	1.2	<3	5.7	<3	120	0.83	0.84	<0.5	10.5	0.526	0.89
S-841	Soil	29	0.54	1010	<2	12.7	25	50	22	6.65	68.3	<0.01	0.7	<3	5.78	<3	220	0.77	0.9	<0.5	7.4	0.763	0.47
S-842	Soil	30	0.47	440	<2	8.9	27.3	50	12.1	6.46	65.5	<0.01	0.7	<3	5.22	<3	130	0.54	0.74	<0.5	7	0.547	0.4
S-844	Soil	58	0.35	540	<2	12.1	19.25	30	18.7	5.37	86.4	<0.01	0.7	<3	4.5	<3	320	0.8	0.66	<0.5	8.6	0.531	0.47
S-845	Soil	35	0.57	810	<2	13.6	25.7	40	17.1	6.84	84.9	<0.01	0.7	<3	5.93	<3	260	0.91	0.93	<0.5	10.2	0.621	0.51
S-847	Soil	90	0.38	1140	8	7.2	27.7	70	26.7	6.48	103	<0.01	4.2	<3	6.6	5	540	0.48	0.83	<0.5	9.4	0.348	1.3

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S-848	Soil	78	0.33	740	<2	11	26.1	70	24.7	6.88	89.5	<0.01	0.8	<3	5.1	7	170	0.66	0.66	0.5	10.2	0.435	0.52
S-850	Soil	95	0.51	710	<2	14.2	33.4	140	27.6	8.59	153.5	<0.01	1	<3	6.66	<3	100	0.83	0.86	<0.5	12.9	0.483	0.8
S-851	Soil	140	0.46	970	<2	10.2	30.9	100	31	7.74	118.5	<0.01	1.6	4	5.96	6	170	0.7	0.93	0.6	12.3	0.509	0.72
S-852	Soil	135	0.45	1040	2	11	32.2	90	35.7	8.55	136.5	0.01	3.5	<3	6.5	11	140	0.71	1.03	1	12.7	0.493	0.96
S-853	Soil	98	0.37	800	<2	13	26.1	70	27.1	6.63	120.5	<0.01	2.1	<3	6.03	<3	300	0.76	0.78	<0.5	9.6	0.468	0.75
S-854	Soil	27	0.45	940	2	10.9	23.3	50	22.1	5.72	73.8	<0.01	0.8	<3	5.65	<3	200	0.62	0.73	0.6	6.6	0.584	0.41
S-855	Soil	33	0.42	590	<2	13.4	27.7	30	19.2	7.1	93	<0.01	0.3	<3	6.32	<3	190	0.93	0.64	<0.5	10	0.509	0.39
S-857	Soil	116	0.48	1510	3	14	33.6	110	51.8	8.46	136	<0.01	1.7	<3	6.48	<3	200	0.81	0.92	<0.5	11.9	0.441	1.13
S-858	Soil	73	0.4	540	<2	14	24.2	50	19.8	6.57	124.5	<0.01	0.6	5	5.05	<3	150	0.91	0.62	<0.5	11.2	0.497	0.83
S-859	Soil	105	0.59	1120	3	15.5	37.3	110	24.7	9.83	200	<0.01	2.6	<3	7.62	<3	380	1.01	1.08	<0.5	14.7	0.503	0.98
S-860	Soil	23	0.49	1010	<2	12.3	27.6	50	19.4	6.96	72.1	<0.01	1	<3	5.71	<3	230	0.78	1.02	<0.5	7.3	0.771	0.56
S-861	Soil	24	0.65	1030	<2	13	27.5	50	23.6	6.65	77.5	<0.01	0.8	<3	6.55	<3	240	0.81	1.09	<0.5	6.9	0.797	0.5
S-862	Soil	20	0.47	890	<2	12.1	23.2	40	20.4	5.92	67.4	<0.01	0.8	<3	5.08	<3	220	0.76	0.81	<0.5	6.1	0.691	0.48

Table 6. Soil sampling Phase Four, method ME-MS89L repeated pulps, with addition of B-MS89L for B – Part 3.

Sample ID	Sample Type	Tm ppm	U ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm
S-701	NR							
S-703	Soil	0.19	2.1	84	1.9	14.3	1.37	70
S-704	Soil	0.34	2.4	92	1.7	20.7	2.54	60
S-706	Soil	0.33	3.5	84	1.6	22.2	2.61	60
S-707	Soil	0.5	3.1	148	1.5	35.8	4.05	120
S-708	Soil	0.37	2.8	125	1.7	28	2.41	90
S-719	Soil	0.32	2.3	142	1.9	26.1	2.09	100
S-721	Soil	0.38	2.2	113	2.1	25.7	3.11	140
S-723	Soil	0.25	2.1	74	1.6	21.3	2.08	60
S-724	Soil	0.31	2.5	101	1.4	21.4	2.44	70

Sample ID	Sample Type	Tm ppm	U ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm
S-725	Soil	0.3	2.1	61	1.5	19.1	1.91	50
S-726	Soil	0.25	2.6	128	1.8	20.4	1.98	90
S-727	Soil	0.27	3.3	141	1.9	22.2	2.37	120
S-728	Soil	0.29	2.4	103	1.5	22	2	80
S-731	Soil	0.51	2.2	156	2.2	33.2	3.31	110
S-732	Soil	0.42	2.3	119	2.4	26.5	2.42	90
S-734	Soil	0.33	2.2	66	1.1	19.9	2.21	70
S-735	Soil	0.3	1.5	84	1.4	16.5	1.73	70
S-736	Soil	0.39	2.3	87	1.5	24.5	2.87	70
S-737	Soil	0.4	2.2	93	1.7	24.4	2.57	70
S-738	Soil	0.26	1.9	89	1	22.4	1.75	110
S-739	Soil	0.56	3.2	133	2.2	40.3	3.78	110
S-740	Soil	0.48	2.4	105	2.1	28.3	3.17	80
S-741	Soil	0.48	2.4	127	2.3	29.7	2.86	100
S-742	Soil	0.52	2.7	130	2.1	28.5	2.98	100
S-743	Soil	0.29	2	93	1.9	18.3	1.86	70
S-744	Soil	0.51	2.6	120	2	29.4	3.07	100
S-746	Soil	0.24	1.6	52	0.9	15	1.72	40
S-747	Soil	0.46	2.4	85	2.2	28.3	3.34	50
S-748	Soil	0.45	2.2	104	1.8	29.2	2.57	90
S-749	Soil	0.45	2.3	137	2.3	30.6	3.4	80
S-750	Soil	0.37	2.2	111	1.8	24.2	2.59	70
S-751	Soil	0.39	2.5	112	2	28.2	2.31	70
S-752	Soil	0.44	2.2	122	2	25.9	2.32	90
S-753	Soil	0.4	2.8	160	2.7	31.5	3.42	120
S-754	Soil	0.38	2.4	139	2.2	29.8	2.57	110
S-755	Soil	0.42	2.8	133	2.4	32.7	3.31	110

Sample ID	Sample Type	Tm ppm	U ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm
S-756	Soil	0.26	2	114	1.8	23.6	2.01	100
S-757	Soil	0.32	2	94	1.5	21.1	1.92	80
S-758	Soil	0.32	2.3	114	1.6	20.9	2.06	90
S-759	Soil	0.41	2.5	137	2.5	29.3	2.57	100
S-760	Soil	0.45	2.3	151	2.5	33.6	3.07	110
S-761	Soil	0.26	2.6	89	1.7	18.5	1.84	70
S-762	Soil	0.4	2.5	137	2.1	29.2	3.07	90
S-763	Soil	0.46	3.1	144	1.7	31	2.72	170
S-764	Soil	0.38	2.7	99	2.1	25.6	2.66	70
S-765	Soil	0.46	2.4	131	2.3	30.3	2.62	100
S-766	Soil	0.4	2.1	115	2.2	26.4	2.05	80
S-767	Soil	0.41	2.2	129	1.7	32.7	3.11	100
S-768	Soil	0.63	2.1	131	2.4	47.1	4.4	100
S-769	Soil	0.42	2.5	130	2.6	34.5	3.04	100
S-770	Soil	0.39	2.5	127	3.1	28	2.56	80
S-771	Soil	0.38	2.5	138	1.6	33.3	3.5	100
S-772	Soil	0.38	2.3	146	2.1	29	3.13	120
S-773	Soil	0.35	1.9	123	1.3	26.4	2.21	90
S-774	Soil	0.35	2.4	132	2.3	29.6	2.62	80
S-775	Soil	0.32	2.2	104	2	23.5	2.11	70
S-776	Soil	0.31	3.5	108	1.4	20.3	2.16	100
S-777	Soil	0.37	2.2	110	1.9	28.5	2.58	110
S-778	Soil	0.48	2.7	104	2.1	30.5	3.12	90
S-779	Soil	0.36	2.5	109	1.8	22.6	2.34	90
S-780	Soil	0.32	2.1	116	2.4	26.9	2.3	80
S-781	Soil	0.37	2.3	82	1.2	21.9	1.97	60
S-782	Soil	0.32	2.4	78	1.3	16.6	2.03	70

Sample ID	Sample Type	Tm ppm	U ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm
S-783	Soil	0.46	2.5	117	2	27.4	2.85	80
S-784	Soil	0.35	2.7	130	2.7	25.9	2.74	110
S-785	Soil	0.36	2.5	139	2.5	26.5	2.6	110
S-786	Soil	0.48	2.5	134	2.3	34.2	3.22	110
S-787	Soil	0.23	2.1	76	1.2	16.5	1.4	60
S-788	Soil	0.28	2.7	90	1.8	19.7	1.89	80
S-789	Soil	0.38	2.3	115	1.6	35.3	3.17	110
S-790	Soil	0.36	2.9	118	1.8	26.9	2.19	60
S-791	Soil	0.25	3.3	85	1.5	17.9	1.77	80
S-792	Soil	0.3	2.8	37	0.5	20.3	2	30
S-793	Soil	0.33	2.2	114	1.2	24.7	2.69	110
S-794	Soil	0.28	1.8	68	1.1	17.1	1.47	70
S-795	Soil	0.45	2.2	114	1.2	28.3	2.65	90
S-796	Soil	0.28	2	68	1.4	16.1	1.5	70
S-798	Soil	0.41	2.9	105	1.5	25.4	2.72	90
S-799	Soil	0.34	2.2	74	1.1	23.3	2.83	60
S-800	Soil	0.5	2.4	111	2.1	31.1	2.74	80
S-801	Soil	0.38	2.7	118	2.1	27.7	2.22	90
S-802	Soil	0.37	2	150	2.1	21.8	2.3	80
S-803	Soil	0.46	2.1	165	1.9	32.7	3.32	110
S-804	Soil	0.41	2.7	131	2	30.8	2.66	110
S-805	Soil	0.39	2.2	100	1.6	25.3	2.27	90
S-806	Soil	0.42	2.7	132	1.9	32.7	3.25	100
S-808	Soil	0.5	2.3	142	1.8	31.8	3.36	110
S-810	Soil	0.42	2.4	106	2.1	27.5	2.6	110
S-811	Soil	0.45	3.1	123	1.5	27.9	2.67	90
S-813	Soil	0.41	2.5	140	2	29.9	3.06	110

Sample ID	Sample Type	Tm ppm	U ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm
S-815	Soil	0.48	2.7	142	2.8	36.7	3.42	100
S-816	Soil	0.19	2.4	118	1.5	16.8	1.53	90
S-818	Soil	0.39	2.2	96	1.9	25.5	3	100
S-819	Soil	0.28	2.2	60	1.2	14.6	1.77	50
S-822	Soil	0.33	2.1	74	1.1	19.7	2.47	50
S-825	Soil	0.24	2.7	145	1.5	18.1	2.09	130
S-826	Soil	0.4	2.5	76	1.3	25.6	2.73	60
S-829	Soil	0.54	3	148	2.6	33.4	3.7	110
S-830	Soil	0.46	2.6	116	1.5	28.5	2.63	80
S-831	Soil	0.44	2.4	111	1.8	25.5	2.83	80
S-832	Soil	0.45	2.7	119	1.7	28.1	3.06	80
S-833	Soil	0.52	2.6	144	1.7	33.1	3.57	100
S-834	Soil	0.49	2.5	136	2.1	30.5	3.31	90
S-835	Soil	0.4	3	119	2	26.6	3.26	90
S-836	Soil	0.35	2.8	134	2	25.5	2.98	100
S-837	Soil	0.47	2.7	107	1.5	27.3	3	50
S-838	Soil	0.36	3	106	1.7	23	2.48	50
S-839	Soil	0.39	2.5	124	2.5	25.2	2.95	100
S-840	Soil	0.45	3.3	130	2.5	25.8	3.18	100
S-841	Soil	0.49	2.3	162	1.4	30.6	3.74	110
S-842	Soil	0.41	2.2	144	1.3	26.3	2.68	60
S-844	Soil	0.43	2.4	108	2	22.9	2.89	60
S-845	Soil	0.6	2.9	129	1.8	35.5	4	80
S-847	Soil	0.45	3.2	122	1	31	2.95	90
S-848	Soil	0.37	2.3	108	1.7	24.5	2.12	90
S-850	Soil	0.52	3	143	1.9	29.5	2.99	110
S-851	Soil	0.52	3.2	145	2.1	34.6	3.02	110

Sample ID	Sample Type	Tm ppm	U ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm
S-852	Soil	0.44	2.9	161	1.9	32.6	3.15	110
S-853	Soil	0.41	2.5	128	1.8	25	2.82	110
S-854	Soil	0.4	2	141	1.3	28.6	2.89	230
S-855	Soil	0.46	2.7	89	1.6	28.1	3.34	70
S-857	Soil	0.54	3.4	135	2.4	36	3.4	120
S-858	Soil	0.39	3.3	132	1.9	22.2	2.33	90
S-859	Soil	0.57	3.1	189	2.4	36.8	3.89	110
S-860	Soil	0.48	2.4	184	1.3	33.6	4.03	100
S-861	Soil	0.55	2.3	189	1.4	32.9	3.56	120
S-862	Soil	0.59	2.2	159	1.3	29.4	3.09	100

Total samples 200

Table 7. Soil sampling Phase Five/Last, method ME-MS89L and B-MS89L for B – Part 1.

Sample ID	Sample Type	Ag ppm	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cs ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe %
VJSS0001	Soil	<5	107	346	525	2.5	0.5	1.3	0.8	68.2	19.5	36.5	40	5.21	2.81	1.16	4.35
VJSS0002	Soil	<5	90	228	538	2.1	0.5	2	<0.8	70.1	16.8	25	40	5.47	3.03	1.36	4.06
VJSS0003	Soil	<5	166	372	613	3.2	0.6	1.6	<0.8	66.5	19.2	36.6	50	4.76	2.48	1.19	4.33
VJSS0004	Soil	<5	103	186	477	2.2	0.5	1.7	<0.8	55.1	15.5	21.4	40	4.02	2.17	1.16	3.64
VJSS0005	Soil	<5	107	221	643	2.4	0.5	1	0.9	64.7	16.8	20.2	50	4.93	2.93	1.33	4.07
VJSS0006	Soil	5	97	193	585	2.7	0.4	1	<0.8	75.8	20	18.6	30	4.47	2.75	1.55	4.07
VJSS0007	Soil	<5	14	39	175	2.1	0.2	1.7	0.8	18.4	2.8	2.4	<20	0.99	0.67	0.32	0.75
VJSS0008	Soil	<5	53	121	365	2.1	0.2	0.9	<0.8	44.9	5.5	6.8	<20	2.08	1.4	0.75	1.84
VJSS0009	Soil	<5	232	93	545	3.3	0.4	4.4	<0.8	68.9	13.4	20.7	30	4.3	2.82	1.25	3.31
VJSS0010	Soil	<5	84	164	594	3	0.4	1	<0.8	62.2	15.8	22.6	40	5.48	2.7	1.28	4.41
VJSS0012	Soil	5	68	198	537	2.5	0.4	1.1	<0.8	68.1	17.6	25.1	40	4.2	2.71	1.24	4.47
VJSS0013	Soil	<5	65	212	547	2.3	0.5	2.8	0.8	63.1	18.7	22.4	40	5.17	2.59	1.2	4.03

Sample ID	Sample Type	Ag ppm	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cs ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe %
VJSS0014	Soil	5	104	196	546	2.7	0.4	1	0.8	74.7	21.1	44.5	40	5.3	3	1.23	4.34
VJSS0015	Soil	<5	113	242	531	2.7	0.5	2	<0.8	72.6	17.9	21.6	40	5.56	2.83	1.48	4.25
VJSS0016	Soil	<5	87	118	561	2.9	0.4	1	0.8	61.6	16.2	25.4	40	4.7	2.94	1.29	3.89
VJSS0017	Soil	5	76	140	654	2.9	0.5	0.9	1	76.4	18.5	45.3	40	5.3	3.35	1.5	4.67
VJSS0018	Soil	<5	98	267	462	2.3	0.2	2.4	<0.8	56.3	10.6	13.9	30	2.93	1.56	1.02	2.66
VJSS0019	Soil	<5	91	287	514	2.2	0.5	3.8	1	63	19	24	50	4.77	2.49	1.26	4.06
VJSS0020	Soil	<5	40	67	553	2.5	0.4	6.1	0.8	61.3	14.2	11.3	20	4.44	2.44	1.16	3.01
VJSS0021	Soil	<5	58	103	462	2.4	0.3	1.2	<0.8	55.8	12.7	10.6	20	4.34	2.49	0.98	2.48
VJSS0022	Soil	<5	62	109	451	2.4	0.3	1.8	<0.8	53.3	11.5	10.2	20	3.79	2.16	0.9	2.52
VJSS0023	Soil	<5	89	330	573	2.5	0.5	2	0.9	67.5	16.6	31.5	40	5.21	2.73	1.07	3.88
VJSS0024	Soil	<5	84	186	551	2.3	0.6	1.1	0.9	70.4	18.8	25.7	40	5.11	3.04	1.12	4.2
VJSS0025	Soil	<5	50	161	511	2.4	0.4	1	<0.8	53.3	13.7	17.9	30	4.23	2.92	1.07	3.79
VJSS0026	Soil	<5	104	129	444	2.3	0.4	1.6	<0.8	55.2	12.3	23.7	40	3.87	2.11	1.25	3.69
VJSS0027	Soil	<5	122	144	378	1.8	0.4	0.9	<0.8	50.3	11.8	17.1	30	3.2	1.73	0.99	3.1
VJSS0028	Soil	<5	116	171	489	2.4	0.4	0.9	<0.8	68.2	13.4	18.6	40	4.23	2.11	1.29	3.44
VJSS0029	Soil	<5	58	170	538	2.5	0.3	1.2	<0.8	61.5	16.3	19.4	40	4.44	2.83	1.27	3.55
VJSS0030	Soil	<5	102	83	438	2.7	0.4	0.9	<0.8	48.7	15	19.9	40	2.65	1.37	0.78	3.14
VJSS0031	Soil	<5	56	61	418	2.8	0.4	0.9	<0.8	66.9	12.7	10.8	30	4.93	2.77	1.03	2.83
VJSS0032	Soil	<5	80	108	354	2.2	0.3	1.2	<0.8	49.7	11.2	14.9	30	3.11	1.82	1.09	2.8
VJSS0033	Soil	<5	85	112	304	2.1	0.3	1	<0.8	51	10.2	13.6	30	2.4	1.49	0.96	2.82
VJSS0034	Soil	5	78	111	488	2	0.3	3.2	<0.8	50.9	11.7	13.8	20	4.28	2.51	1.21	3.02
VJSS0035	Soil	<5	39	173	489	1.8	0.4	8.2	<0.8	52.9	13.2	18.4	30	3.79	2.39	1.11	3.07
VJSS0036	Soil	<5	100	219	539	2.4	0.5	1.9	<0.8	68	21.5	36.1	50	4.76	2.99	1.18	4.45
VJSS0038	Soil	<5	67	140	549	2.7	0.4	1	<0.8	70.8	19.9	19.5	40	5.41	2.66	1.15	3.68
VJSS0039	Soil	<5	55	169	534	2.5	0.4	2.6	<0.8	64.7	18.2	23.2	40	4.78	2.9	1.19	3.97
VJSS0040	Soil	5	67	116	515	2.2	0.3	3.6	<0.8	55.7	14.8	16.5	40	4.58	2.63	1.18	3.54
VJSS0041	Soil	<5	112	115	432	2.5	0.5	1.1	<0.8	63.3	16	15.2	40	4	2.22	1.14	3.41

Sample ID	Sample Type	Ag ppm	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cs ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe %
VJSS0042	Soil	5	65	71	412	2.5	0.3	1.3	0.8	63.8	10.8	9.4	20	3.45	2.25	0.95	2.2
VJSS0043	Soil	<5	114	138	615	2.3	0.6	3.1	0.8	75.5	20.5	28.9	50	5.55	2.93	1.41	4.06
VJSS0044	Soil	<5	97	102	443	3	0.3	1.1	<0.8	45.5	12.4	11.1	20	3.55	1.99	0.94	2.59
VJSS0045	Soil	7	110	152	580	2.5	0.6	1.4	1.5	75.4	21.6	27.3	50	5.18	3.04	1.35	4.39
VJSS0047	Soil	<5	72	94	511	3.2	0.5	1.1	0.8	67.6	17.6	18.5	40	5.11	3.27	1.26	3.56
VJSS0048	Soil	<5	68	86	539	2.9	0.5	0.9	0.8	82.3	21.4	22.2	30	5.42	3.67	1.3	3.7
VJSS0049	Soil	6	65	100	448	2.5	0.5	1.2	1.3	57.2	14.7	16.3	30	4.29	2.6	0.92	3.07
VJSS0050	Soil	<5	66	119	476	2.6	0.3	2.4	1	50.3	13.9	14.2	40	4.01	2.33	1.08	3.14
VJSS0051	Soil	6	63	147	511	2.5	0.4	1.3	1.1	58	15.3	18.1	30	3.91	2.55	1.2	3.4
VJSS0052	Soil	5	94	179	539	2.6	0.4	1.8	0.8	62.6	17.9	20.6	40	4.39	2.53	1.36	3.91
VJSS0053	Soil	7	99	121	414	1.9	0.4	2.5	1.2	60.9	11.5	9.6	30	4.21	2.21	1.36	3.53
VJSS0054	Soil	6	36	103	324	1.7	0.3	1.8	1.1	51.5	9.3	11.8	20	3.08	1.72	1.18	2.8
VJSS0055	Soil	<5	63	115	442	2.5	0.5	0.9	<0.8	81.5	20	14.7	40	5.71	2.85	1.56	4.47
VJSS0056	Soil	<5	89	127	427	2.2	0.4	1.3	<0.8	62.2	13	15.4	40	3.97	2.6	1.19	3.54
VJSS0057	Soil	5	37	95	579	4.4	0.4	1.2	0.8	84.8	13.3	12.1	20	6.84	3.9	1.26	3.56
VJSS0058	Soil	5	82	190	542	2.6	0.4	2.2	1	61.1	18	20.4	40	4.99	2.84	1.12	4.21
VJSS0059	Soil	5	104	125	457	2.3	0.4	1.4	0.8	56.8	13.8	16.8	40	4.05	2.33	1.25	3.42
VJSS0060	Soil	5	96	125	427	2.2	0.4	1.8	0.8	60.8	14.4	15.9	40	4.04	1.88	1.06	3.3
VJSS0061	Soil	6	45	37	265	2.4	0.2	1.9	1	29.4	7	5	20	1.95	1.12	0.61	1.67
VJSS0062	Soil	<5	73	129	472	2.5	0.3	1.9	0.8	55.1	15.4	14.5	30	4.84	2.58	0.88	3.05
VJSS0064	Soil	<5	85	101	452	3	0.4	1	<0.8	68.8	21.1	19.7	40	4.81	2.69	1.32	3.87
VJSS0065	Soil	<5	83	116	338	2.3	0.7	1.7	<0.8	52.5	9.7	8.2	30	3.36	1.65	1	2.98
VJSS0066	Soil	5	122	147	538	2.5	0.6	1.4	0.9	70.5	22.5	26.1	40	5.06	3.07	1.21	3.9
VJSS0067	Soil	5	79	286	527	2.1	0.5	9.1	1	61.2	18.9	27.3	40	4.66	2.55	1.08	3.77
VJSS0068	Soil	6	241	89	497	2.2	0.3	1.2	0.9	59.4	12.6	17.2	40	5.22	3.44	1.22	3.1
VJSS0069	Soil	6	40	95	455	2.3	0.3	1.2	0.9	63.9	14.2	10.5	20	4.9	3.29	1.4	2.35
VJSS0070	Soil	7	65	77	529	3.2	0.4	0.9	1.3	85.8	19.3	20.2	30	5.95	3.1	1.6	3.78

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VJSS0071	Soil	7	78	131	581	2.7	0.5	1.1	1.4	79.5	22.4	22.8	50	5.82	3.5	1.41	4.39
VJSS0072	Soil	7	57	86	509	2.9	0.4	1	1.2	74.8	18.9	23.4	30	5.48	3.28	1.51	3.84
VJSS0073	Soil	6	60	166	539	2	0.5	1.3	1.1	67.5	18.1	20.3	40	5.71	3.41	1.32	3.8
VJSS0074	Soil	6	76	168	520	2.9	0.3	0.8	1.1	67.4	19.4	22	40	5.07	3.02	1.25	3.89
VJSS0075	Soil	5	95	250	616	2.7	0.4	1.1	1.1	75.5	21.4	36.7	40	5.93	3.41	1.48	4.4
VJSS0076	Soil	6	118	102	499	2.1	0.3	10.7	1.1	57	12.9	12.4	30	4.24	2.66	1.21	2.49
VJSS0077	Soil	7	116	219	478	2.7	0.3	3.8	1.2	66.3	16.5	20.5	40	4.5	2.92	1.25	3.46
VJSS0078	Soil	<5	89	220	459	2	0.4	9.1	0.8	59.9	16.5	34.4	40	4.59	2.62	1.02	3.79
VJSS0079	Soil	5	92	142	390	2.4	0.3	1.4	<0.8	62.3	14.3	16	30	4.35	2.38	1.37	3.21
VJSS0080	Soil	<5	41	100	364	1.8	0.2	1.3	<0.8	45.1	10.7	7.5	20	3.27	2.22	0.83	2.26
VJSS0081	Soil	5	82	109	352	1.6	0.2	6.1	<0.8	51.3	12.3	16.7	30	3.58	1.75	1.08	2.72
VJSS0082	Soil	6	65	257	509	2.2	0.3	5.7	1.1	59.5	15.6	24.4	40	5.24	3.34	1.12	3.84
VJSS0083	Soil	5	70	489	618	2.2	0.4	2.7	0.8	67.1	17.6	23.9	40	5.89	3.29	1.41	4.34
VJSS0084	Soil	6	101	268	469	2.3	0.2	0.7	0.9	66.1	12.9	14	30	6.14	3.62	1.36	3.25
VJSS0085	Soil	<5	228	232	574	1.6	0.2	1.5	<0.8	74.4	20.9	43.2	30	8.51	4.39	2.33	5.55
VJSS0086	Soil	5	79	359	536	2	0.3	4.4	1.1	63.4	16.2	43.4	40	4.89	2.89	1.23	3.83
VJSS0087	Soil	5	86	246	557	2.2	0.3	1.1	0.8	60.6	16.1	26.9	30	4.7	2.86	1.42	3.52
VJSS0088	Soil	<5	68	197	526	2.1	0.3	2.3	1	56.9	15.9	21.3	50	4.91	2.89	1.24	3.58
VJSS0089	Soil	5	76	66	368	2.5	0.3	1.2	<0.8	62.6	11.6	9.4	30	5.58	3.2	1.28	2.97
VJSS0090	Soil	5	22	150	281	1.7	0.1	1.4	0.9	52.7	8.9	7.1	20	3.07	1.84	1.14	2.4
VJSS0091	Soil	<5	82	147	396	2.3	0.2	0.9	<0.8	54.7	13.2	15	30	3.91	2.2	0.96	3.01
VJSS0093	Soil	<5	78	175	408	2.6	0.2	1.4	<0.8	55.8	13.4	10.9	30	3.67	2.32	1.1	3.09
VJSS0094	Soil	<5	56	184	523	2	0.3	3.3	<0.8	63.2	15.9	20.4	40	5.28	2.52	1.16	3.62
VJSS0095	Soil	<5	67	94	453	2.1	0.2	5.3	0.8	57.6	12.6	16.9	20	4.39	3.03	1.13	2.99
VJSS0096	Soil	<5	80	233	596	2.5	0.4	1.4	0.8	70.1	22.4	19.6	50	6.14	3.73	1.53	4.35
VJSS0097	Soil	<5	47	83	449	2.1	0.2	0.8	<0.8	68.3	13	15.6	20	4.61	2.81	1.35	2.82
VJSS0098	Soil	<5	83	298	629	2.6	0.5	1.7	<0.8	81	20.7	29.8	70	6.04	2.84	1.48	4.71

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VJSS0099	Soil	<5	81	252	605	2.6	0.4	2.1	0.8	70.1	20.2	22.8	50	5.65	3.71	1.49	4.47
VJSS0100	Soil	<5	80	172	482	2.3	0.4	0.7	0.8	59.9	18	18.6	40	4.69	2.6	1.26	3.45
VJSS0101	Soil	<5	52	322	557	2.5	0.4	1.2	0.8	56.4	15.4	25.5	30	5.4	2.88	1.42	4
VJSS0102	Soil	<5	66	280	531	2.5	0.4	1	0.9	58.3	15.7	32.2	30	4.85	2.73	1.08	3.56
VJSS0103	Soil	6	86	166	533	2.3	0.5	4.6	1.1	60.9	17.8	32.8	50	5.12	2.81	1.25	4.33
VJSS0104	Soil	6	56	134	526	2.8	0.4	0.9	0.9	52.3	12.2	20.6	30	4.94	2.61	1.23	3.75
VJSS0105	Soil	<5	55	204	565	2.5	0.4	0.9	<0.8	58.5	17.1	27.6	30	5.2	3.12	1.4	3.95
VJSS0106	Soil	<5	75	163	494	2.5	0.4	0.9	<0.8	50.8	15.8	21.6	30	4.19	2.52	1.06	3.57
VJSS0107	Soil	<5	88	88	404	2.2	0.4	5.5	<0.8	53.3	13.1	19.7	40	3.11	1.8	1.07	2.75
VJSS0108	Soil	<5	94	64	357	2.4	0.5	1.4	1	63.7	13.1	13.3	40	4.74	2.63	1.1	3.43
VJSS0110	Soil	6	48	51	307	2.5	0.3	1.3	1.1	38.1	8.6	7.3	30	2.5	1.09	0.69	2.44
VJSS0111	Soil	<5	82	157	498	2.5	0.5	0.8	<0.8	56.4	18.4	17.8	30	4.44	2.81	1.15	3.47
VJSS0112	Soil	5	192	554	713	2.7	0.6	6.5	1.2	75.3	24.2	61.7	70	5.82	2.84	1.45	4.61
VJSS0113	Soil	5	399	270	516	2.3	0.5	6.6	1.3	54.6	18.1	67.5	60	4.44	2.2	1.14	3.62
VJSS0114	Soil	<5	84	259	628	2.7	0.4	2.6	<0.8	61.7	15.2	49.4	40	4.34	2.49	1.3	3.59
VJSS0115	Soil	5	186	295	595	2.4	0.5	3	1.2	64.8	16.9	69	60	4.87	2.56	1.37	3.98
VJSS0116	Soil	6	67	267	509	2	0.5	2.4	1	57	15.9	33.7	60	4.21	2.63	1.2	3.32
VJSS0117	Soil	5	65	254	512	2.6	0.5	6.1	0.9	60.4	17.6	18.6	40	4.91	2.8	1.21	4.15
VJSS0118	Soil	5	72	187	515	2.6	0.4	3.2	0.8	60.4	17.7	20.3	40	4.8	2.89	1.29	4.15
VJSS0119	Soil	<5	71	293	580	2.7	0.6	3.2	<0.8	62.9	23.1	32.1	50	5.1	3.09	1.36	4.7
VJSS0120	Soil	<5	63	429	729	3	0.6	5.9	0.9	66.8	21.3	27.8	50	5.48	3.17	1.79	4.81
VJSS0121	Soil	5	71	222	523	2.5	0.4	1.2	0.9	62.4	15.6	16.9	40	5.43	3.24	1.16	3.97
VJSS0122	Soil	<5	95	139	458	2.5	0.4	1	0.8	49.1	13.3	17.8	30	5.38	2.96	1.14	3.68
VJSS0123	Soil	<5	86	320	530	2.8	0.4	3.9	<0.8	55.5	16.9	18	40	4.92	2.83	1.05	4.17
VJSS0124	Soil	<5	45	316	529	2.4	0.4	6.1	<0.8	58.8	17.4	14.8	40	5.09	2.83	1.15	4.21
VJSS0126	Soil	5	84	371	586	2.5	0.6	4.6	1.1	70.2	19.9	35.2	50	5.6	2.76	1.34	4.9
VJSS0127	Soil	5	34	66	746	4.1	0.3	1.1	0.9	119	16.2	9.4	30	9.06	4.74	2.05	4.97

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VJSS0128	Soil	5	13	110	717	4.4	0.4	0.9	0.8	99.6	17.3	7.9	30	8.34	5.38	1.46	4.37
VJSS0129	Soil	<5	79	222	504	2.6	0.5	2.7	<0.8	59.3	16.1	27.6	40	5.56	3.34	1.37	4.3
VJSS0130	Soil	6	81	347	494	2.3	0.5	8	1.3	59.2	17.6	27.2	40	4.56	2.84	1.31	4.29
VJSS0131	Soil	<5	57	267	541	2.7	0.4	3.6	0.8	57.6	17.5	17.4	50	4.62	3.4	1.1	3.84
VJSS0132	Soil	5	86	225	506	2.7	0.5	1	0.8	58.7	14.8	20.1	30	5.5	2.76	1.23	4.2
VJSS0133	Soil	<5	109	262	623	2.5	0.3	1.8	0.8	64.3	22.4	29.6	60	5.66	2.81	1.24	4.85
VJSS0134	Soil	5	65	308	606	2.8	0.3	0.9	0.9	66.8	18.6	20.5	40	6.2	3.34	1.55	4.87
VJSS0135	Soil	5	72	251	595	2.7	0.3	1.4	1	63.2	17.4	19.1	40	5.61	3.13	1.3	4.36
VJSS0136	Soil	5	62	230	579	2.3	0.2	3	0.9	56.3	14.4	23.1	40	4.86	3.17	1.17	4.12
VJSS0137	Soil	6	58	160	341	1.5	0.3	2.2	0.9	35.6	10.7	23.8	30	3.24	1.79	0.67	2.41
VJSS0138	Soil	6	70	136	603	2.4	0.3	4.2	1.1	61.8	17.3	34.4	40	5.05	2.63	1.14	4.16
VJSS0139	Soil	5	207	102	535	1.9	0.1	9.8	0.8	50.7	14.2	40.9	30	3.38	1.93	0.89	3.09
VJSS0140	Soil	6	97	68	618	2.8	0.2	1.7	1.4	74.2	19.9	34.1	40	5.49	3.39	1.19	4.22
VJSS0141	Soil	6	25	162	454	2	0.1	4.1	1	50.3	16.2	28.2	30	5.34	3.03	1.25	4.13
VJSS0142	Soil	5	59	273	566	2.4	0.2	1.2	1	62.8	15.4	20.6	30	5.25	3.45	1.11	3.92
VJSS0143	Soil	6	72	261	572	2.6	0.4	3.5	1	65.5	21.3	20.7	60	5.23	3.14	1.45	4.73
VJSS0144	Soil	7	102	308	547	2.6	0.4	6.7	1.2	61	20.4	28.4	60	5.55	3.33	1.44	5.1
VJSS0145	Soil	<5	96	273	545	1.9	0.3	4.5	0.8	60.5	20.3	30.1	50	5.15	2.79	1.13	4.45
VJSS0146	Soil	7	98	199	521	2.5	0.3	1.5	1.2	71.4	21.1	20.5	40	6.44	3.61	1.64	4.79
VJSS0147	Soil	<5	124	94	492	2.6	0.1	1	<0.8	55.4	16	15.6	30	4.66	2.55	1.06	3.86
VJSS0148	Soil	6	13	38	547	3.4	0.1	1.2	1.1	183.5	11.9	5.9	20	22.5	13.75	2.77	4.76
VJSS0149	Soil	5	84	117	561	2.4	0.2	0.8	0.9	55.1	17.3	38.5	30	5.07	3.07	1.1	4.11
VJSS0150	Soil	<5	81	109	532	2.9	0.2	0.8	<0.8	69.1	21.3	19.5	30	5.58	3.11	1.26	3.98
VJSS0152	Soil	<5	68	236	534	2.7	0.3	1	0.9	62.9	20.1	40.3	40	5.23	3.26	1.31	4.68
VJSS0153	Soil	6	89	205	539	2.7	0.3	0.7	1	63.1	21.8	24.1	50	5.71	2.99	1.28	4.62
VJSS0154	Soil	5	168	362	686	1.6	0.3	9.3	1.1	51.8	15.3	49.6	50	4.19	2.87	0.96	3.47
VJSS0155	Soil	<5	81	195	658	1.9	0.4	3.7	0.9	60.5	17.1	47.9	40	5.1	2.9	1.3	3.82

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VJSS0156	Soil	5	70	118	569	2.4	0.2	4.7	0.9	51.7	17	34.3	30	5.41	3.42	1.4	4.53
VJSS0157	Soil	5	249	317	631	2.5	0.2	7.3	1.2	90.3	27.7	54.3	60	7.79	4.62	1.68	6.65
VJSS0158	Soil	5	95	185	513	1.9	0.2	7	0.8	54	18.7	13.3	40	5.68	3.28	1.2	4.38
VJSS0159	Soil	5	59	177	588	2.5	0.3	2.7	0.9	62.3	21.9	16.8	60	6.02	3.17	1.22	4.81
VJSS0160	Soil	5	106	246	521	2.2	0.2	0.7	0.9	60	17.9	18.5	40	5.41	2.97	1.35	4.74
VJSS0161	Soil	5	172	186	530	2.7	0.3	4.5	0.8	60.6	16.8	36.6	40	5.51	3.32	1.28	4.56
VJSS0162	Soil	<5	83	46	475	2.2	0.1	0.6	<0.8	41.1	12.3	8.6	20	4.32	2.76	0.97	3.61
VJSS0163	Soil	5	81	191	467	2.2	0.2	0.7	0.9	47.5	14.7	13.8	30	5.55	3.24	1.39	4.23
VJSS0164	Soil	5	65	98	689	3.6	0.2	0.9	0.9	154	14.9	13.5	20	15.35	9.67	2.21	5.12
VJSS0165	Soil	<5	18	27	797	2.8	<0.1	1.4	<0.8	101	13.7	8.8	<20	7.11	4.75	1.24	4.64
VJSS0166	Soil	<5	66	74	865	2.7	0.5	1.4	<0.8	117.5	17.3	10.5	20	9.1	5.59	1.68	5.43
VJSS0167	Soil	6	135	196	534	2.6	0.4	0.9	1.2	57.7	16	20.5	40	5.26	3.1	1.28	4.21
VJSS0168	Soil	8	53	127	509	2.2	0.5	0.7	1.3	57.5	16	12.3	30	4.6	3.05	1.02	3.43
VJSS0169	Soil	5	47	196	555	2.2	0.4	0.9	0.8	55.9	13.8	20.1	30	4.48	3.21	1.27	3.57
VJSS0170	Soil	<5	156	304	668	1.9	0.5	5.7	<0.8	60.5	20.2	48.9	50	5	3.07	1.13	4.35
VJSS0171	Soil	<5	9	262	382	1.9	0.4	9.8	<0.8	51.4	14.3	31.8	30	5.29	3.03	1.21	3.97
VJSS0172	Soil	5	39	84	437	2.4	0.4	0.8	1	52.5	16.2	15.5	30	5.69	3.18	1.2	4.25
VJSS0174	Soil	5	42	182	697	2.6	0.5	1.5	0.9	58.9	18	28.5	50	5.3	3.08	1.17	3.91
VJSS0175	Soil	6	93	308	532	2.6	0.6	1.3	1	65.1	18.9	19.2	50	5.61	3.21	1.2	4.55
VJSS0176	Soil	6	94	185	487	2.4	0.5	0.7	0.9	53.7	15.7	18	40	5.62	3.62	1.24	4.19
VJSS0177	Soil	5	75	194	514	2.3	0.5	3.1	0.9	59	19	26.3	50	4.66	2.9	1.09	4.27
VJSS0178	Soil	<5	163	125	577	2.4	0.4	0.7	<0.8	55.4	15.3	20.8	40	5.53	3.2	1.11	4.17
VJSS0179	Soil	<5	17	45	705	3	0.5	0.9	1	95.5	17.4	6.5	30	6.5	3.8	1.43	4.23
VJSS0180	Soil	5	9	22	564	1.6	0.4	3.2	1	69.1	18.5	4.5	20	6.58	3.49	2.12	5.24
VJSS0181	Soil	<5	31	143	407	1.5	0.3	1.3	<0.8	48.1	22.2	16.4	40	6.07	3.87	1.29	5.97
VJSS0182	Soil	5	89	73	484	2.5	0.5	0.7	1	55.4	19.1	15	40	5.31	3.48	1.15	4.37
VJSS0183	Soil	6	82	104	545	2.6	0.6	0.7	1.1	63.2	18.2	14.1	40	6.12	3.28	1.12	4.1

Sample ID	Sample Type	Ag ppm	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cs ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe %
VJSS0184	Soil	<5	66	297	549	2.1	0.5	5.6	<0.8	55.5	18.6	13.7	40	4.31	2.98	1.22	4.22
VJSS0185	Soil	6	79	301	526	2.7	0.5	1.8	1.1	59	20.9	18.5	50	5.13	3.09	1.21	4.4
VJSS0186	Soil	<5	40	256	522	2.3	0.4	0.7	<0.8	51.8	14.3	20.8	30	4.82	2.72	1.09	3.75
VJSS0188	Soil	5	103	260	635	3	0.6	2.2	<0.8	62.2	17.9	42.9	50	5.71	3.05	1.36	4.73
VJSS0189	Soil	<5	222	124	499	2.1	0.4	1	<0.8	47.6	15.8	35.9	30	5.51	3	1.12	4.57
VJSS0190	Soil	5	133	348	670	2.4	0.5	0.9	<0.8	68.3	23	40.3	60	6.43	3.75	1.37	5.37
VJSS0191	Soil	5	115	205	602	2.2	0.6	0.8	1	62.7	19.9	22.2	40	6.04	4.02	1.32	4.94
VJSS0192	Soil	<5	45	270	465	2.4	0.4	0.8	<0.8	45.1	15.6	12.3	40	4.11	2.52	0.87	3.74
VJSS0193	Soil	5	43	212	524	2.3	0.4	0.7	0.8	45.9	14.9	10.5	40	5.48	3.29	1.09	4.28
VJSS0194	Soil	<5	84	103	500	2.1	0.4	0.8	<0.8	45	17.1	13.6	30	4.43	2.39	1.03	3.88
VJSS0195	Soil	<5	38	113	498	2.1	0.4	1.2	0.9	52.1	19.9	9.8	30	5.53	3.51	1.31	4.78
VJSS0196	Soil	<5	5	18	608	3.1	0.4	0.8	<0.8	72.6	20.7	7.3	40	5.26	3.42	1.11	4.7
VJSS0197	Soil	<5	19	49	459	2.1	0.3	2.1	<0.8	59.6	17.6	8.2	30	5.94	3.43	1.51	4.29
VJSS0198	Soil	<5	62	97	494	2.4	0.4	0.7	<0.8	54.2	15.5	14.4	30	5.38	2.98	0.87	3.67
VJSS0199	Soil	<5	58	594	602	2.7	0.5	3.6	<0.8	60.9	17	28.8	40	5.44	3.14	1.21	4.64
VJSS0200	Soil	<5	80	181	526	2.2	0.3	0.7	<0.8	52.8	11.6	17.5	20	4.25	2.73	1.29	3.43
VJSS0201	Soil	<5	130	145	641	2.2	0.4	3.2	0.9	63	22	53.5	50	6.5	4.11	1.41	4.95
VJSS0202	Soil	5	25	74	457	2	0.4	3.4	1.2	46.4	16.9	5.9	40	5.41	2.9	1.3	4.43
VJSS0203	Soil	<5	111	196	515	2.6	0.4	0.9	<0.8	63.3	17.7	38	40	6.38	3.78	1.58	4.5
VJSS0204	Soil	<5	16	42	598	3.4	0.3	0.9	<0.8	82.1	14.3	6.7	20	5.99	3.41	1.73	3.65
VJSS0205	Soil	<5	17	31	561	2.6	0.5	1.5	<0.8	62	12.5	10	20	6.33	3.64	1.48	4.52
VJSS0206	Soil	<5	68	602	541	2.4	0.5	3.9	<0.8	65.7	19	29	50	5.31	3.05	1.36	4.92
VJSS0207	Soil	<5	65	103	491	1.7	0.4	1.2	<0.8	51	18	17.6	40	5.89	3.61	1.64	4.92
VJSS0208	Soil	5	87	83	531	2.3	0.4	1	0.8	55.7	19.4	14.1	40	6.13	3.81	1.24	4.86
VJSS0209	Soil	<5	83	109	514	2.5	0.3	0.8	<0.8	51.1	14	6.3	20	4.76	3.01	1.07	3.34
VJSS0210	Soil	<5	10	49	650	2.7	0.3	0.7	<0.8	64.4	20.8	8.2	40	6.57	3.62	1.54	4.97

Table 8. Soil sampling Phase Five/Last, method ME-MS89L and B-MS89L for B – Part 2.

Sample ID	Sample Type	Ga ppm	Gd ppm	Ge ppm	Ho ppm	In ppm	K %	La ppm	Li ppm	Lu ppm	Mn ppm	Mo ppm	Nb ppm	Nd ppm	Ni ppm	Pb ppm	Pr ppm
VJSS0001	Soil	21.1	6.15	1.9	1.15	<0.3	2.2	37.9	83	0.4	820	2	12.4	30.6	80	30.3	8.46
VJSS0002	Soil	21.3	6.08	2	0.96	<0.3	1.7	37.4	96	0.34	880	2	11.7	31.9	80	24.6	8.91
VJSS0003	Soil	22.1	5.1	1.9	0.96	<0.3	2.24	35.4	105	0.29	840	3	12.6	30.3	80	31.7	7.68
VJSS0004	Soil	18.8	4.99	1.7	0.84	<0.3	1.74	31.4	87	0.36	750	2	10.2	25.5	60	25.8	6.91
VJSS0005	Soil	21.7	5.21	2	1.05	<0.3	2.06	34.1	89	0.31	740	2	12	29.3	70	28.6	7.72
VJSS0006	Soil	25.2	5.57	2	0.99	<0.3	2.45	38.4	62	0.36	530	2	13.1	31.7	50	29.5	8.83
VJSS0007	Soil	17.6	0.99	1.6	0.19	<0.3	0.81	10.15	8	0.11	210	<2	5.5	7.65	10	18	2.14
VJSS0008	Soil	19.4	2.72	1.6	0.47	<0.3	1.91	24.2	66	0.23	420	<2	8.1	18.2	10	17.5	5.23
VJSS0009	Soil	19.8	5.33	1.4	1.02	<0.3	1.61	36.4	52	0.39	1090	2	12.4	32	40	27	8.41
VJSS0010	Soil	22.3	6.68	1.8	1.11	<0.3	2.38	35.8	56	0.36	800	<2	11.3	31.2	60	28.2	7.99
VJSS0012	Soil	24.4	5.23	2.1	0.88	<0.3	2.22	35	106	0.27	690	<2	13.5	30.2	70	34.8	8.02
VJSS0013	Soil	20.7	5.95	1.8	0.92	<0.3	2.04	33.6	100	0.39	1020	<2	13	30	80	34	7.23
VJSS0014	Soil	21.9	5.78	2.3	1.09	<0.3	2.16	34.3	140	0.37	990	2	15.1	31.1	80	44.7	8.62
VJSS0015	Soil	25.2	6.35	2	0.92	<0.3	2.03	37.5	118	0.38	780	2	12.2	33.8	90	28	8.77
VJSS0016	Soil	21.8	5.63	1.8	0.87	<0.3	2.13	35.5	97	0.38	770	<2	11.1	29.3	80	30.4	7.38
VJSS0017	Soil	23	6.19	2.1	1.08	<0.3	2.34	38.9	94	0.42	750	<2	13.3	35.3	70	36.4	9.8
VJSS0018	Soil	22	3.76	0.9	0.64	<0.3	2.6	30.1	96	0.18	590	<2	9.6	25.4	30	19.6	6.52
VJSS0019	Soil	20.4	5.01	1.9	0.92	<0.3	2.26	30.8	111	0.38	860	<2	11.2	27.7	100	30.1	7.35
VJSS0020	Soil	17.2	4.66	1.4	0.84	<0.3	1.38	30.7	51	0.35	630	<2	12.5	28.5	50	25.5	7.17
VJSS0021	Soil	17.4	4.64	1.5	1	<0.3	1.66	29.2	53	0.35	730	<2	12	22.9	40	30.4	6.62
VJSS0022	Soil	15.7	4.13	1.3	0.84	<0.3	1.63	26.9	52	0.39	670	<2	9.5	22.1	40	21	5.77
VJSS0023	Soil	21.9	5.46	2.3	1.12	<0.3	2.35	34.2	82	0.37	840	<2	13	30.3	70	27.8	7.98
VJSS0024	Soil	21.1	5.51	2.1	1.09	<0.3	2.01	35.8	116	0.5	870	2	13.6	30	80	36.2	8.5
VJSS0025	Soil	19.8	4.92	2.1	0.95	<0.3	2.05	30.2	102	0.43	630	<2	12.7	25.1	70	27.5	6.7
VJSS0026	Soil	23.6	4.6	1.6	0.76	<0.3	1.6	31.6	93	0.34	580	2	10	27.8	60	25.2	7.36

Sample ID	Sample Type	Ga ppm	Gd ppm	Ge ppm	Ho ppm	In ppm	K %	La ppm	Li ppm	Lu ppm	Mn ppm	Mo ppm	Nb ppm	Nd ppm	Ni ppm	Pb ppm	Pr ppm
VJSS0027	Soil	23.5	3.97	1.6	0.61	<0.3	1.92	30.2	55	0.2	340	4	10	24.2	40	22	6.06
VJSS0028	Soil	23.7	5.14	1.3	0.82	<0.3	2.22	41.7	77	0.28	560	3	13.2	30.5	40	22.9	7.9
VJSS0029	Soil	21.1	4.53	1.7	0.92	<0.3	2.28	32.5	84	0.32	910	2	12.4	26.5	60	27.8	7.04
VJSS0030	Soil	21.1	2.76	1.2	0.5	<0.3	1.59	27.5	77	0.23	520	4	11.5	21.3	50	31.8	5.28
VJSS0031	Soil	18.6	5.32	1.5	0.91	<0.3	1.45	33.7	58	0.32	510	2	11.9	28.8	40	28.1	7.64
VJSS0032	Soil	20.9	4.08	1.2	0.73	<0.3	1.4	27.4	60	0.26	410	3	9.8	22.6	40	22.5	5.84
VJSS0033	Soil	20	3.41	1.4	0.47	<0.3	1.22	28.3	57	0.15	260	3	7.9	23.1	20	18.7	6.25
VJSS0034	Soil	16.5	3.97	1.4	0.91	<0.3	1.87	25.2	66	0.39	570	<2	12.2	24.1	50	25.2	5.8
VJSS0035	Soil	18	4.44	1.5	0.82	<0.3	1.7	25.9	69	0.28	720	<2	10.3	25.2	50	19.7	6.44
VJSS0036	Soil	21.8	6.48	2.1	1.07	<0.3	2.25	35.3	126	0.49	940	2	13.8	31	90	37	7.95
VJSS0038	Soil	18.7	5.58	2	1.04	<0.3	2.17	33.3	91	0.41	1120	<2	14.4	30	250	37.4	7.87
VJSS0039	Soil	19.3	5.63	1.8	1	<0.3	2.17	33	82	0.32	930	<2	13.6	28.4	70	34.5	7.68
VJSS0040	Soil	17.3	4.9	1.9	0.97	<0.3	1.95	28	67	0.39	740	<2	12.9	24.3	60	27.8	6.43
VJSS0041	Soil	21.6	4.46	1.5	0.79	<0.3	2.27	33.1	52	0.3	720	2	13.9	28	50	35.3	7.83
VJSS0042	Soil	19.1	4.44	1.6	0.71	<0.3	1.66	32.3	40	0.27	620	<2	12.8	25.9	30	30.5	6.73
VJSS0043	Soil	19.5	5.7	1.9	1.08	<0.3	2.04	37	130	0.46	1030	3	13.5	32.3	90	40.4	8.43
VJSS0044	Soil	16.9	3.43	1.3	0.71	<0.3	1.75	21.4	65	0.27	520	<2	11.2	19.1	700	26.3	5.09
VJSS0045	Soil	21.3	6.22	1.9	1.14	<0.3	2.27	36.5	118	0.35	990	3	15.9	33.2	100	39.1	8.84
VJSS0047	Soil	19.1	5	1.8	1.1	<0.3	1.89	32.2	74	0.44	980	<2	14.4	27.6	60	37	7.37
VJSS0048	Soil	18.5	6.2	1.8	1.21	<0.3	1.79	37.1	83	0.49	1060	<2	16.6	33.1	70	42.6	8.61
VJSS0049	Soil	19.8	4.34	1.7	0.85	<0.3	1.7	28.5	81	0.39	750	2	13	25	60	30.2	6.37
VJSS0050	Soil	18.1	3.96	1.6	0.75	<0.3	2.07	24.5	63	0.31	730	2	11.2	22.3	60	53	5.88
VJSS0051	Soil	19	4.17	1.8	0.94	<0.3	2.09	28.3	77	0.29	750	<2	14.9	24.1	70	28	6.46
VJSS0052	Soil	21.4	5.17	1.7	0.94	<0.3	2.28	31.2	98	0.4	880	<2	13.1	26.3	100	30.4	7
VJSS0053	Soil	23.7	5.16	1.5	0.88	<0.3	1.56	31.3	73	0.36	590	4	11.2	28	40	14.6	7.27
VJSS0054	Soil	24.3	3.7	1.6	0.65	<0.3	1.46	25.9	49	0.28	350	2	9.5	22.2	30	15	6.04
VJSS0055	Soil	24.1	6.65	2	1.12	<0.3	1.79	39.2	78	0.32	560	<2	15	34.1	60	27.2	9.48

Sample ID	Sample Type	Ga ppm	Gd ppm	Ge ppm	Ho ppm	In ppm	K %	La ppm	Li ppm	Lu ppm	Mn ppm	Mo ppm	Nb ppm	Nd ppm	Ni ppm	Pb ppm	Pr ppm
VJSS0056	Soil	23.2	5.48	1.7	0.81	<0.3	1.75	32.8	108	0.29	550	3	11.2	27.5	40	22.1	7.47
VJSS0057	Soil	21.1	6.63	2	1.31	<0.3	2.15	43.1	49	0.62	760	<2	27	35.1	50	30.7	10.05
VJSS0058	Soil	21.4	5.7	2.3	1.01	<0.3	2.2	29.6	99	0.41	900	<2	13.5	26.6	70	29.6	7.3
VJSS0059	Soil	23.5	4.65	1.5	0.79	<0.3	1.89	29.3	79	0.3	560	3	11.6	25.5	50	27.5	7.1
VJSS0060	Soil	22.5	4.9	1.5	0.82	<0.3	1.73	31.3	74	0.26	600	4	10.5	26.8	50	23.7	7.18
VJSS0061	Soil	19.8	2.08	1.4	0.45	<0.3	1.15	14.5	32	0.17	360	2	6.6	12.5	20	15.6	3.19
VJSS0062	Soil	18.6	4.12	1.5	0.9	<0.3	1.95	27	62	0.44	790	<2	12	24.5	50	28.9	6.02
VJSS0064	Soil	21	5.03	1.8	0.94	<0.3	1.67	32.8	80	0.31	830	2	14.8	29.5	60	35.1	7.79
VJSS0065	Soil	24.4	3.85	1.5	0.66	<0.3	1.3	28	98	0.25	310	3	10.3	23.4	30	19	6.37
VJSS0066	Soil	19.9	5.77	1.8	0.96	<0.3	2.16	32.9	105	0.5	1080	2	13.9	28.8	90	40.6	7.71
VJSS0067	Soil	19.4	4.89	1.8	0.95	<0.3	2.1	30.1	145	0.33	690	<2	11.4	26.5	80	29.8	6.99
VJSS0068	Soil	17.9	5.45	1.8	1.17	<0.3	1.7	30	85	0.43	780	<2	14.2	25.6	50	34	7.14
VJSS0069	Soil	15.3	4.83	1.9	1.16	<0.3	1.64	29.8	87	0.45	630	<2	15.4	26.4	40	30.3	7.28
VJSS0070	Soil	20.7	6.33	2.2	1.08	<0.3	1.58	39.4	89	0.44	700	<2	17.9	37	60	38.1	9.6
VJSS0071	Soil	22.8	6.34	2.5	1.24	<0.3	1.89	36.1	120	0.43	940	2	16.2	32.4	80	41.2	9.21
VJSS0072	Soil	20.4	5.73	2.6	1	<0.3	1.74	33.9	86	0.5	720	<2	15.6	32.1	60	35.8	8.62
VJSS0073	Soil	20.4	5.43	2.1	1.12	<0.3	1.97	32.6	114	0.45	790	<2	14.6	28.9	80	35.6	7.69
VJSS0074	Soil	21.3	6.01	2	1.07	<0.3	1.92	32.6	109	0.43	850	<2	15.2	29.8	70	38.1	8.25
VJSS0075	Soil	22.7	6.04	2.6	1.1	<0.3	2.53	35.3	136	0.51	1020	<2	15.7	33.3	90	40.5	8.29
VJSS0076	Soil	16	4.83	0.9	0.87	<0.3	1.15	27.8	68	0.43	800	2	9.1	25.4	60	27	6.46
VJSS0077	Soil	19.9	5.64	1.4	0.95	<0.3	2.06	33.1	140	0.38	800	<2	12.8	29.8	70	30.9	8.19
VJSS0078	Soil	19.2	5.26	2.2	0.86	<0.3	2.12	30.6	111	0.3	790	2	11.5	27.7	90	28.7	7.23
VJSS0079	Soil	24.8	4.76	1.7	0.82	<0.3	1.5	30.4	109	0.31	450	2	11.1	26.3	50	24.5	7.29
VJSS0080	Soil	20.9	3.29	1.2	0.61	<0.3	1.69	23.1	54	0.32	450	<2	11	18.6	30	21.2	5.39
VJSS0081	Soil	21	4.43	1.3	0.76	<0.3	1.42	25	76	0.29	510	3	8.9	23	40	19	5.97
VJSS0082	Soil	20.4	5.7	1.7	0.9	<0.3	2.16	30	117	0.38	760	<2	13.2	28.2	70	27.1	7.14
VJSS0083	Soil	21.8	5.34	1.7	1.19	<0.3	2.35	33.5	100	0.51	890	<2	13.6	30.6	80	33.4	8.49

Sample ID	Sample Type	Ga ppm	Gd ppm	Ge ppm	Ho ppm	In ppm	K %	La ppm	Li ppm	Lu ppm	Mn ppm	Mo ppm	Nb ppm	Nd ppm	Ni ppm	Pb ppm	Pr ppm
VJSS0084	Soil	19.2	6.34	1.7	1.24	<0.3	1.92	31.4	161	0.48	590	2	15	30.4	40	23.7	8.02
VJSS0085	Soil	23.2	7.87	1.6	1.35	<0.3	1.74	35.7	36	0.75	850	2	10.9	37.7	40	23.6	9.51
VJSS0086	Soil	19.6	5.47	1.8	1	<0.3	2.55	32.5	144	0.42	770	<2	13.8	29.8	60	34.4	7.63
VJSS0087	Soil	18.9	4.95	1.6	0.96	<0.3	2.14	29.5	121	0.44	910	<2	13	27.2	60	34.5	7.31
VJSS0088	Soil	19.4	5.01	1.6	1	<0.3	2	29	98	0.48	740	2	12.4	26.6	80	26.4	6.73
VJSS0089	Soil	22.1	5.35	0.9	1.21	<0.3	1.41	29.9	43	0.49	350	2	10.3	25.8	40	19.7	7.48
VJSS0090	Soil	21.1	3.61	0.6	0.55	<0.3	1.25	26.3	117	0.23	260	<2	9.4	24	30	15.6	6.38
VJSS0091	Soil	18.2	4.3	0.8	0.73	<0.3	1.81	26.3	79	0.34	440	<2	11.7	23.8	50	25.7	6.55
VJSS0093	Soil	21.9	4.23	0.7	0.71	<0.3	1.67	27.4	143	0.23	460	2	11.1	23.3	50	28.8	6.43
VJSS0094	Soil	19.6	5.49	1.3	0.97	<0.3	2.03	32.7	88	0.4	730	<2	13.5	28	70	29.1	7.72
VJSS0095	Soil	16.8	4.79	1.3	1.06	<0.3	1.47	30.3	90	0.5	580	<2	13.1	25	60	29.1	7.13
VJSS0096	Soil	21.8	5.56	1.6	1.14	<0.3	2.1	34.2	141	0.45	970	2	13.4	30	80	35.6	8.4
VJSS0097	Soil	16.6	5.09	1.3	0.94	<0.3	1.51	33.4	77	0.47	600	<2	16.7	28.9	50	33.7	8.05
VJSS0098	Soil	23.2	6.62	1.6	1.08	<0.3	2.33	40.3	142	0.36	970	<2	15.7	35.2	90	43	9.71
VJSS0099	Soil	22.5	6.14	1.9	1.17	<0.3	2.23	36	133	0.46	880	<2	14.2	31.8	90	34.4	8.42
VJSS0100	Soil	16.5	5.1	1.6	0.99	<0.3	1.79	30.3	98	0.37	800	<2	14.4	26.9	70	34.3	7.32
VJSS0101	Soil	18.7	5.49	1.6	0.88	<0.3	2.27	31.6	117	0.39	700	<2	12.6	27.8	70	32	7.24
VJSS0102	Soil	17.2	5.43	1.8	0.99	<0.3	2.16	30	134	0.41	810	<2	13.4	27.9	70	34.4	7.29
VJSS0103	Soil	18.7	5.56	1.6	0.95	<0.3	1.87	29.7	128	0.38	940	4	11.5	28.7	80	24	7.83
VJSS0104	Soil	17.8	4.86	1.9	0.89	<0.3	1.95	29.8	85	0.28	630	<2	12.1	26.1	60	30.6	6.89
VJSS0105	Soil	19.6	5.86	2	1.06	<0.3	2.25	32.4	123	0.48	790	<2	12.5	27.6	70	34.7	7.56
VJSS0106	Soil	18.2	4.29	2.1	0.73	<0.3	1.86	28.5	103	0.36	660	<2	11.4	22.4	70	30.7	5.96
VJSS0107	Soil	19.9	4.49	2.1	0.64	<0.3	1.63	27	73	0.22	550	3	9.2	23.7	50	21.4	6.28
VJSS0108	Soil	24.1	5.06	1.5	0.82	<0.3	1.58	33.1	51	0.29	420	4	12.9	28.6	50	25	8
VJSS0110	Soil	17.8	2.61	1.5	0.43	<0.3	1.18	19.25	42	0.2	300	2	9.3	16.5	30	18.2	4.55
VJSS0111	Soil	17.7	4.53	2.3	0.95	<0.3	1.92	28.3	94	0.37	910	<2	12.8	22.9	70	36	6.56
VJSS0112	Soil	19.3	5.88	2.5	1.11	<0.3	2.54	36.2	220	0.4	1090	5	11.4	31.3	100	32.6	8.79

Sample ID	Sample Type	Ga ppm	Gd ppm	Ge ppm	Ho ppm	In ppm	K %	La ppm	Li ppm	Lu ppm	Mn ppm	Mo ppm	Nb ppm	Nd ppm	Ni ppm	Pb ppm	Pr ppm
VJSS0113	Soil	15.8	4.78	1.9	0.75	<0.3	1.88	27.5	105	0.26	800	6	9.8	24.4	60	33.2	6.52
VJSS0114	Soil	19.4	4.57	2.1	0.76	<0.3	2.39	32.1	92	0.33	1160	2	11.8	26.1	40	55	7.22
VJSS0115	Soil	19.7	5.41	2.3	0.95	<0.3	2.51	32.4	120	0.41	1150	4	12.1	29.9	50	48	7.85
VJSS0116	Soil	15.9	4.85	2.1	0.88	<0.3	2.21	26.8	130	0.4	950	2	11.1	24	70	38.7	6.56
VJSS0117	Soil	19.5	5.12	2.1	1.05	<0.3	1.92	31	115	0.41	830	<2	12.9	27.5	80	26.3	7.41
VJSS0118	Soil	19.2	5.04	2	0.98	<0.3	1.87	30.7	103	0.48	860	<2	12.9	28.1	80	29.1	7.23
VJSS0119	Soil	21	5.58	2.2	1.05	<0.3	2.45	34.3	144	0.36	850	<2	13.1	30.6	100	41.8	7.92
VJSS0120	Soil	21	6.74	3	1.14	<0.3	2.79	34.6	143	0.37	1090	3	12.5	30.6	100	66.4	8.08
VJSS0121	Soil	18.4	5.86	1.9	1.03	<0.3	2.1	30	113	0.44	1020	<2	11.6	27.5	80	30.7	7.87
VJSS0122	Soil	17.1	4.95	1.9	0.94	<0.3	1.78	26.6	96	0.49	820	<2	12	25.1	70	34.9	6.5
VJSS0123	Soil	19.1	5.18	1.8	1.01	<0.3	2.06	30	119	0.46	740	<2	11.8	25.6	70	27.2	7.24
VJSS0124	Soil	19.2	4.92	1.6	0.99	<0.3	2.01	31.3	117	0.44	670	3	11.6	28.1	70	22.2	7.28
VJSS0126	Soil	22.2	6.88	2.2	1.08	<0.3	2.5	35.4	162	0.42	850	4	13	32.3	100	39.1	8.72
VJSS0127	Soil	24.9	10.6	2.2	1.74	<0.3	3.62	59.8	43	0.71	640	<2	21.9	53.4	40	20.2	15
VJSS0128	Soil	24.1	7.4	1.6	1.69	<0.3	2.73	49.3	55	0.67	660	2	21.2	42.1	50	34.6	11.9
VJSS0129	Soil	19.6	5.49	1.8	1.08	<0.3	2.23	32.2	112	0.45	710	<2	12.3	28.4	90	29.4	7.85
VJSS0130	Soil	18.1	4.86	2	1.02	<0.3	2.17	31.7	117	0.36	1050	2	14.6	28.9	100	30.6	7.41
VJSS0131	Soil	18.1	4.89	2	0.95	<0.3	2.26	29.8	105	0.41	1010	2	12.3	24.5	80	31.3	6.94
VJSS0132	Soil	19.4	5.34	2	0.99	<0.3	2.04	31.5	117	0.49	750	<2	15.4	26.3	80	28.2	8
VJSS0133	Soil	21.7	6.18	2.4	1.08	<0.3	2.17	33.2	145	0.46	1010	4	11	29	90	36.6	7.52
VJSS0134	Soil	22.8	6.52	2.5	1.19	<0.3	2.3	34.4	118	0.47	870	<2	13.5	30.6	80	34.5	8.2
VJSS0135	Soil	20.9	5.7	2.1	1.04	<0.3	2.04	32.7	106	0.44	830	<2	12.4	28.3	70	34.1	7.52
VJSS0136	Soil	20.5	5.05	2.3	0.98	<0.3	2.18	30.7	138	0.45	730	<2	11.7	26.9	80	33.1	7.21
VJSS0137	Soil	11.6	2.77	1.2	0.54	<0.3	1.31	18	84	0.23	570	<2	7.2	15.65	40	22.2	4.34
VJSS0138	Soil	19.3	5.72	1.6	0.97	<0.3	2.23	30.1	81	0.43	1220	3	11.3	27.2	40	37.2	7.29
VJSS0139	Soil	13.7	3.85	1.5	0.75	<0.3	1.69	23.6	65	0.32	1300	3	8.6	19.95	30	39.2	5.76
VJSS0140	Soil	19.1	5.26	2.3	1.21	<0.3	1.96	35.8	92	0.45	3370	4	14.4	30.3	50	43.8	8.08

Sample ID	Sample Type	Ga ppm	Gd ppm	Ge ppm	Ho ppm	In ppm	K %	La ppm	Li ppm	Lu ppm	Mn ppm	Mo ppm	Nb ppm	Nd ppm	Ni ppm	Pb ppm	Pr ppm
VJSS0141	Soil	19.4	5.16	1.7	1.01	<0.3	1.84	24.5	82	0.43	910	<2	10	24.3	40	26.2	6.07
VJSS0142	Soil	19.4	5.22	2.2	1.1	<0.3	2.13	31.8	107	0.51	840	<2	12.1	27.4	60	35.1	7.49
VJSS0143	Soil	21.6	5.88	2.3	1.08	<0.3	2.07	33.7	131	0.4	920	4	11.2	30.1	80	30.3	8.08
VJSS0144	Soil	21	5.06	2.3	1.05	<0.3	2.23	30.6	149	0.35	810	3	10.7	27.6	90	27.5	7.48
VJSS0145	Soil	20.5	4.95	2.3	0.92	<0.3	2.17	29.3	136	0.38	1030	<2	10.9	27.6	80	45.1	7.06
VJSS0146	Soil	23.1	6.52	2.1	1.08	<0.3	2.02	36.3	109	0.38	950	2	12.8	32	100	29.8	9.09
VJSS0147	Soil	20.1	5.11	1.8	0.95	<0.3	1.83	29.5	59	0.37	670	2	10.9	24.6	40	25.1	6.84
VJSS0148	Soil	37.5	20.4	2.4	4.66	<0.3	2.99	110.5	40	2.18	590	2	32.5	90.7	40	28.1	25.6
VJSS0149	Soil	20.1	5.18	2.1	1.02	<0.3	2.38	30.3	116	0.37	840	<2	12.3	25.4	80	33.2	6.57
VJSS0150	Soil	20.1	5.5	2.2	1.09	<0.3	2.06	33.5	75	0.41	910	<2	14.1	28.6	60	30.5	7.71
VJSS0152	Soil	22.3	5.47	2.4	1.06	<0.3	2.42	33.6	147	0.5	790	<2	12.6	28.3	100	36.5	7.81
VJSS0153	Soil	21.2	5.75	2.4	1.13	<0.3	2.16	30.7	128	0.45	1000	2	12.2	28.1	80	34.5	7.58
VJSS0154	Soil	16.5	4.77	2	0.9	<0.3	1.99	25.5	137	0.38	910	3	9.4	24.1	60	25.8	6.25
VJSS0155	Soil	18	5.2	1.8	0.93	<0.3	2.04	31	98	0.36	3210	3	11.3	27.8	30	40.6	6.85
VJSS0156	Soil	21.7	5.51	2	1.06	<0.3	2.5	26.1	99	0.38	990	<2	10.8	24.9	40	24.2	6.22
VJSS0157	Soil	21.7	8.31	2.2	1.5	<0.3	2.31	41.2	187	0.61	2780	4	10.4	39.7	170	40.4	10.15
VJSS0158	Soil	19.4	5.19	1.8	1.13	<0.3	1.79	25.9	113	0.36	930	4	10.1	25	60	24.6	6.41
VJSS0159	Soil	22.2	6.22	2	1.15	<0.3	1.98	29.7	132	0.41	930	2	11	26.3	60	23.4	7.33
VJSS0160	Soil	21.2	5.81	2	1.12	<0.3	2.3	31.1	96	0.45	780	<2	12.4	26.8	100	28.5	7.67
VJSS0161	Soil	21.9	5.85	2.2	1.22	<0.3	2.51	32.4	120	0.48	750	<2	12.1	27.8	90	28.7	7.27
VJSS0162	Soil	19.4	4.23	2.1	0.86	<0.3	1.93	20	64	0.35	680	<2	11.2	18.15	40	18.3	5.22
VJSS0163	Soil	21.2	5.23	1.9	1.14	<0.3	2.6	24	36	0.37	750	2	9.3	22.9	40	22.8	6.25
VJSS0164	Soil	35	13.75	1.9	3.17	<0.3	3.53	76.4	33	1.38	770	2	29.9	67.4	20	35	18.55
VJSS0165	Soil	28.8	6.66	2	1.48	<0.3	3.39	42	46	0.7	650	<2	22.8	33.3	20	39.3	9
VJSS0166	Soil	31.4	9.81	2.1	1.99	<0.3	3.38	69.7	36	0.77	770	2	26.1	55.1	30	22.7	13.95
VJSS0167	Soil	21.7	5.72	1.9	1.14	<0.3	2.13	27.6	54	0.45	620	<2	10.7	26.8	70	22.7	6.93
VJSS0168	Soil	19.6	5.1	1.9	1.04	<0.3	2.27	27.6	62	0.48	700	<2	13.2	25.5	190	30.2	6.58

Sample ID	Sample Type	Ga ppm	Gd ppm	Ge ppm	Ho ppm	In ppm	K %	La ppm	Li ppm	Lu ppm	Mn ppm	Mo ppm	Nb ppm	Nd ppm	Ni ppm	Pb ppm	Pr ppm
VJSS0169	Soil	19.9	5.09	1.9	1.01	<0.3	2.12	31.6	99	0.33	700	<2	11.6	24.9	60	30.7	7.17
VJSS0170	Soil	20.3	5.8	2.1	1.1	<0.3	2.14	31.1	157	0.39	870	3	9.9	28.7	80	31.1	7.25
VJSS0171	Soil	17.2	5.24	1.8	1.01	<0.3	1.97	26.1	77	0.44	670	<2	7.6	24.4	30	18.7	6.43
VJSS0172	Soil	20.2	5.74	1.8	1.15	<0.3	1.76	26.7	69	0.44	780	2	12.1	23.8	40	29.8	6.55
VJSS0174	Soil	19.6	5.47	1.9	0.93	<0.3	2.33	31.1	97	0.36	1460	<2	12.2	24.4	70	36.5	7
VJSS0175	Soil	23.2	6.03	2	1.12	<0.3	2.42	31.8	104	0.42	790	<2	12.5	27.9	80	27	7.49
VJSS0176	Soil	21.9	5.41	1.9	1.05	<0.3	2.34	30.2	95	0.43	500	<2	12.7	25.7	100	25.3	7.01
VJSS0177	Soil	21.3	5.63	2	0.96	<0.3	2.23	28.4	105	0.31	850	<2	11.2	25.2	70	28.3	6.97
VJSS0178	Soil	23.1	5.35	2.7	1.19	<0.3	2.17	28.7	72	0.44	650	<2	9.8	22.9	60	19.2	6.35
VJSS0179	Soil	23.3	7.76	1.8	1.33	<0.3	2.86	49.5	30	0.53	950	<2	16.8	40.5	50	27.2	10.7
VJSS0180	Soil	23.5	6.6	1.9	1.2	<0.3	1.11	31.6	22	0.47	1310	<2	10.3	30.4	30	30	8.02
VJSS0181	Soil	23.5	6.21	2	1.35	<0.3	1.93	25.6	93	0.61	980	<2	8.3	24.1	40	14.7	6.25
VJSS0182	Soil	21.2	5.92	1.8	1.11	<0.3	1.97	27.1	78	0.48	750	<2	10.1	23.5	60	21	6.15
VJSS0183	Soil	21.5	5.68	1.7	1.14	<0.3	2.09	30.6	86	0.45	700	<2	13.3	28.3	70	25.7	7.69
VJSS0184	Soil	20.7	5.42	1.6	1.01	<0.3	2.11	29.4	92	0.29	730	2	10.5	27	80	26.7	6.66
VJSS0185	Soil	26.6	5.64	2.2	1.03	<0.3	1.97	29	135	0.49	730	3	10.1	27.2	70	22.6	7.22
VJSS0186	Soil	20	4.45	1.7	0.89	<0.3	2.06	30.7	96	0.34	680	<2	12	23.7	60	30.2	6.43
VJSS0188	Soil	21.4	6.62	1.8	1.15	<0.3	2.33	35.7	153	0.46	910	<2	11.6	30.2	90	39.4	7.9
VJSS0189	Soil	20.4	5.82	1.8	1.21	<0.3	1.61	26.3	86	0.55	1170	2	9.8	22.5	40	24	5.69
VJSS0190	Soil	23.4	7.06	2.3	1.29	<0.3	2.31	34.5	156	0.6	1020	2	10.4	30.6	70	25.7	8.4
VJSS0191	Soil	22.5	6.76	2.1	1.37	<0.3	2.17	31.2	126	0.54	860	<2	11.2	28.8	60	30.2	7.75
VJSS0192	Soil	19.1	4.69	1.7	0.81	<0.3	2.37	25.6	74	0.33	650	2	9.6	21.1	70	31.2	5.35
VJSS0193	Soil	20.5	5.46	1.6	1.23	<0.3	2.24	23.4	41	0.51	600	<2	9.7	21.6	60	22.4	5.71
VJSS0194	Soil	20.6	4.42	1.7	0.95	<0.3	2.16	22.9	74	0.38	660	<2	9.9	21.2	50	20.6	5.07
VJSS0195	Soil	22.2	6.22	1.8	1.26	<0.3	2.08	27.9	42	0.5	1010	<2	11.3	25.1	40	23.5	6.28
VJSS0196	Soil	23.6	5.39	1.6	1.17	<0.3	2.31	34.7	42	0.51	1280	<2	17	26.9	60	34.7	7.29
VJSS0197	Soil	19	6.24	1.6	1.25	<0.3	1.77	29.5	29	0.49	880	<2	10.5	28.3	30	22.6	7.29

Sample ID	Sample Type	Ga ppm	Gd ppm	Ge ppm	Ho ppm	In ppm	K %	La ppm	Li ppm	Lu ppm	Mn ppm	Mo ppm	Nb ppm	Nd ppm	Ni ppm	Pb ppm	Pr ppm
VJSS0198	Soil	19.6	5.41	1.7	1.05	<0.3	2.07	27.7	81	0.46	610	<2	9.7	25.3	50	25.9	6.41
VJSS0199	Soil	20.9	5.58	2	1.05	<0.3	2.46	32	113	0.36	660	<2	12.9	29	90	32.4	7.25
VJSS0200	Soil	17.5	4.19	1.9	0.91	<0.3	2.21	27.2	94	0.36	580	<2	12.8	23.6	50	30.9	6.2
VJSS0201	Soil	20.2	6.98	2.2	1.43	<0.3	2.37	35.2	142	0.53	1090	<2	12.2	32	70	43.3	8.41
VJSS0202	Soil	17.5	5.17	1.8	1.11	<0.3	1.62	22.7	33	0.39	970	<2	11.2	22	40	29.8	5.96
VJSS0203	Soil	20.8	6.38	2.2	1.23	<0.3	2.51	33.9	114	0.51	780	<2	13.4	30.5	80	29.9	8.07
VJSS0204	Soil	20.4	6.56	1.8	1.17	<0.3	2.27	42.7	28	0.47	720	<2	16.8	37.9	40	24.6	9.74
VJSS0205	Soil	22.1	6.36	1.9	1.31	<0.3	1.71	31.4	22	0.53	480	<2	13.2	30.6	30	20.8	7.92
VJSS0206	Soil	21.2	5.77	2	1.04	<0.3	2.55	33.5	112	0.44	800	<2	13.3	29.3	70	33.4	7.69
VJSS0207	Soil	20.3	5.74	1.9	1.15	<0.3	2.27	26.3	98	0.45	900	<2	9.9	27.3	50	20.7	6.66
VJSS0208	Soil	19.3	5.45	1.9	1.08	<0.3	1.98	28.2	81	0.49	920	2	12	27	60	23.5	6.61
VJSS0209	Soil	17.2	4.49	1.6	1.03	<0.3	1.82	24.8	47	0.46	560	<2	14.4	21.1	30	21.5	5.95
VJSS0210	Soil	24.3	6.56	2	1.16	<0.3	2.24	32.3	29	0.52	920	<2	15	30.1	40	27.5	8.27

Table 9. Soil sampling Phase Five/Last, method ME-MS89L and B-MS89L for B – Part 3.

Sample ID	Sample Type	Rb ppm	Re ppm	Sb ppm	Se ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	Ti %	Tl ppm	Tm ppm	U ppm	V ppm
VJSS0001	Soil	132.5	<0.01	3.1	5	7.43	6	250	0.82	0.88	<0.5	10.1	0.398	0.85	0.43	1.9	123
VJSS0002	Soil	101.5	<0.01	2.3	4	6.57	4	210	0.78	0.86	0.5	9.4	0.36	0.82	0.34	2.4	110
VJSS0003	Soil	121	<0.01	3.1	4	6.15	4	410	0.84	0.79	<0.5	9.3	0.367	1	0.38	2.9	128
VJSS0004	Soil	91.3	<0.01	1.6	4	6.3	3	200	0.73	0.77	0.6	8.1	0.319	0.64	0.36	1.8	100
VJSS0005	Soil	109.5	<0.01	1.4	8	5.63	9	220	0.82	0.87	<0.5	9.2	0.375	0.83	0.36	2.6	118
VJSS0006	Soil	105	0.02	2.7	7	5.83	10	300	0.96	0.94	<0.5	9.3	0.416	0.87	0.42	2.4	112
VJSS0007	Soil	23.6	<0.01	0.6	3	1.37	3	380	0.4	0.15	<0.5	2.6	0.147	0.29	0.1	0.9	21
VJSS0008	Soil	80.3	<0.01	0.4	5	3.17	3	350	0.62	0.41	<0.5	5.2	0.234	0.38	0.19	2	45
VJSS0009	Soil	90.3	<0.01	3.1	<3	6.25	8	340	0.86	0.78	<0.5	9.9	0.309	0.76	0.35	2.9	95

Sample ID	Sample Type	Rb ppm	Re ppm	Sb ppm	Se ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	Ti %	Tl ppm	Tm ppm	U ppm	V ppm
VJSS0010	Soil	104	<0.01	1.5	<3	6.57	4	200	0.77	0.89	0.5	9.5	0.404	0.84	0.43	2.5	122
VJSS0012	Soil	113.5	<0.01	2.4	3	5.59	5	200	0.98	0.71	<0.5	9.7	0.459	0.83	0.36	2.6	126
VJSS0013	Soil	119	<0.01	2.5	<3	5.91	4	160	0.94	0.77	<0.5	9.3	0.427	0.91	0.43	2	119
VJSS0014	Soil	145.5	<0.01	3.2	7	7.39	5	160	0.97	0.98	<0.5	11	0.445	0.9	0.44	2.5	128
VJSS0015	Soil	125.5	<0.01	2.3	5	6.23	12	250	1.01	0.82	<0.5	9.9	0.381	0.74	0.39	2.5	114
VJSS0016	Soil	110	<0.01	1.7	7	5.9	10	210	0.82	0.81	<0.5	9.1	0.4	0.81	0.47	2.4	110
VJSS0017	Soil	148.5	<0.01	3	<3	7.31	10	180	0.94	0.92	<0.5	10.5	0.411	0.91	0.47	2	134
VJSS0018	Soil	116.5	<0.01	1.2	<3	4.57	4	390	0.68	0.57	<0.5	7.5	0.305	0.68	0.26	2	68
VJSS0019	Soil	123	<0.01	1.8	8	5.68	4	230	0.81	0.74	<0.5	9.5	0.376	0.81	0.44	2.3	121
VJSS0020	Soil	79.7	<0.01	1.5	<3	5.25	3	210	0.9	0.74	<0.5	8.7	0.34	0.65	0.37	1.8	92
VJSS0021	Soil	79.4	<0.01	1.5	<3	5.16	9	230	0.95	0.73	<0.5	7.7	0.352	0.57	0.32	2.1	78
VJSS0022	Soil	69.5	<0.01	0.8	<3	4.52	4	280	0.67	0.6	<0.5	6.8	0.326	0.47	0.33	2.3	71
VJSS0023	Soil	138.5	<0.01	1.8	4	6.23	5	270	1.18	0.89	<0.5	9.4	0.404	0.71	0.39	2.6	118
VJSS0024	Soil	115	0.01	2.3	5	6.32	10	170	0.91	0.88	0.5	10.2	0.443	0.87	0.44	2.5	122
VJSS0025	Soil	98.1	<0.01	1.6	3	4.88	4	180	0.93	0.72	<0.5	9	0.438	0.65	0.39	2.2	112
VJSS0026	Soil	87.7	<0.01	1.9	3	4.46	4	280	0.71	0.72	<0.5	8	0.371	0.63	0.34	2.5	101
VJSS0027	Soil	87.1	<0.01	1.9	<3	4.35	9	310	0.88	0.57	<0.5	7.3	0.315	0.68	0.22	2	87
VJSS0028	Soil	94.5	0.01	1.7	4	5.72	4	300	0.88	0.72	<0.5	9.7	0.355	0.71	0.35	3.1	94
VJSS0029	Soil	106.5	<0.01	1.4	4	5.8	10	230	0.94	0.65	<0.5	8.6	0.376	0.65	0.36	2.5	98
VJSS0030	Soil	92	<0.01	2.1	<3	3.92	4	230	0.76	0.49	0.8	8.1	0.328	0.9	0.2	2.7	92
VJSS0031	Soil	85.7	<0.01	1.1	3	5.64	4	200	0.92	0.69	<0.5	8.6	0.357	0.62	0.35	2.4	85
VJSS0032	Soil	78.7	<0.01	1.4	<3	3.77	8	290	0.64	0.57	<0.5	6.7	0.315	0.44	0.21	2.4	78
VJSS0033	Soil	67.7	<0.01	1.4	<3	3.83	4	240	0.63	0.49	<0.5	6.1	0.288	0.49	0.19	2.2	76
VJSS0034	Soil	78.6	<0.01	1.5	4	5.67	6	240	0.97	0.69	<0.5	8.4	0.421	0.44	0.38	3	92
VJSS0035	Soil	84.8	<0.01	2.1	3	5.92	9	250	0.63	0.59	<0.5	8.4	0.357	0.54	0.3	2.5	83
VJSS0036	Soil	130	<0.01	3.8	4	6.67	7	160	0.82	0.81	<0.5	11.6	0.456	0.99	0.43	2.3	137
VJSS0038	Soil	110.5	<0.01	2	<3	6.24	6	190	0.86	0.8	<0.5	10.7	0.479	0.68	0.5	2.5	107

Sample ID	Sample Type	Rb ppm	Re ppm	Sb ppm	Se ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	Ti %	Tl ppm	Tm ppm	U ppm	V ppm
VJSS0039	Soil	112.5	<0.01	2.1	<3	6.55	6	170	0.85	0.74	<0.5	11.1	0.438	0.73	0.48	2	114
VJSS0040	Soil	90.7	<0.01	1.9	4	6.49	4	200	0.82	0.84	<0.5	9.3	0.444	0.64	0.38	2.1	105
VJSS0041	Soil	104	<0.01	2.2	7	5.97	6	220	0.89	0.65	<0.5	10.9	0.406	0.75	0.35	2.3	111
VJSS0042	Soil	76.4	<0.01	1.4	<3	5.35	7	290	0.76	0.59	<0.5	9.9	0.363	0.61	0.32	2.1	68
VJSS0043	Soil	119	<0.01	2.9	3	7.15	10	250	0.76	0.82	<0.5	12.4	0.412	0.95	0.44	2.4	121
VJSS0044	Soil	84.1	<0.01	1.3	3	4.65	7	240	0.63	0.52	<0.5	7.7	0.334	0.47	0.33	1.6	79
VJSS0045	Soil	136	<0.01	2.3	4	6.8	14	160	1.15	0.95	<0.5	12.6	0.448	0.86	0.45	2.4	128
VJSS0047	Soil	101	<0.01	1.8	3	6.29	6	200	0.85	0.88	<0.5	10.4	0.44	0.77	0.47	2.3	105
VJSS0048	Soil	112.5	<0.01	2.6	7	6.71	6	150	0.97	1	<0.5	11.6	0.502	0.78	0.47	2.7	112
VJSS0049	Soil	91.7	<0.01	1.8	7	5.33	6	240	0.82	0.69	<0.5	8.9	0.387	0.64	0.34	2.3	90
VJSS0050	Soil	84.2	<0.01	1.8	4	5.2	7	250	0.68	0.6	<0.5	8.7	0.345	0.54	0.38	2.1	88
VJSS0051	Soil	99.6	<0.01	2	4	6.15	6	200	1.11	0.72	<0.5	9.6	0.449	0.63	0.39	2.4	100
VJSS0052	Soil	115	<0.01	2	5	6.67	14	230	0.79	0.7	<0.5	10.4	0.403	0.61	0.38	2.5	113
VJSS0053	Soil	74.7	<0.01	1.3	7	6.03	16	400	0.7	0.81	<0.5	8.5	0.359	0.46	0.3	3	93
VJSS0054	Soil	63.6	<0.01	1.1	4	4.55	13	330	0.58	0.55	<0.5	6.7	0.342	0.33	0.28	2	74
VJSS0055	Soil	107	<0.01	1.7	3	7.97	9	160	0.82	0.96	<0.5	11.4	0.452	0.74	0.45	2	123
VJSS0056	Soil	89	<0.01	1.4	9	6.15	8	250	0.68	0.74	<0.5	9.3	0.367	0.58	0.31	3	100
VJSS0057	Soil	124.5	<0.01	0.9	6	8.63	14	210	1.37	0.99	<0.5	14.4	0.482	0.72	0.61	4.1	103
VJSS0058	Soil	111.5	<0.01	1.8	8	6.24	15	210	0.85	0.84	0.5	10.4	0.443	0.72	0.44	2.4	124
VJSS0059	Soil	96.1	<0.01	2	8	6	29	280	0.66	0.68	<0.5	8.8	0.37	0.65	0.29	2.4	97
VJSS0060	Soil	81.4	<0.01	1.8	4	5.82	8	320	0.59	0.64	<0.5	8.7	0.345	0.55	0.3	2.9	99
VJSS0061	Soil	44.5	<0.01	0.9	3	2.91	6	370	0.4	0.28	<0.5	3.9	0.217	0.26	0.17	1.7	48
VJSS0062	Soil	82.2	<0.01	1.6	6	5.54	8	280	0.7	0.62	0.6	8.8	0.374	0.52	0.45	2.4	87
VJSS0064	Soil	103	<0.01	1.6	3	6.18	9	200	0.85	0.85	<0.5	11.3	0.429	0.72	0.39	2.3	112
VJSS0065	Soil	53.5	<0.01	1.8	8	4.62	12	420	0.63	0.59	<0.5	7.1	0.365	0.34	0.22	2.4	80
VJSS0066	Soil	123.5	<0.01	2.4	10	6.81	12	200	1.17	0.85	<0.5	10.7	0.436	0.77	0.45	2.5	119
VJSS0067	Soil	116.5	<0.01	1.8	7	5.36	6	280	0.74	0.73	<0.5	9.3	0.389	0.68	0.34	2.5	113

Sample ID	Sample Type	Rb ppm	Re ppm	Sb ppm	Se ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	Ti %	Tl ppm	Tm ppm	U ppm	V ppm
VJSS0068	Soil	89.6	<0.01	2.6	4	5.16	5	250	0.84	0.82	<0.5	8.2	0.489	0.71	0.48	2.3	94
VJSS0069	Soil	81.3	<0.01	1.6	5	5.86	6	230	0.95	0.88	<0.5	9	0.515	0.66	0.41	2.3	73
VJSS0070	Soil	102.5	<0.01	2.7	8	7.66	13	150	1	0.97	<0.5	11.1	0.492	0.86	0.49	2.6	120
VJSS0071	Soil	126.5	<0.01	2.3	4	6.59	5	150	1.01	0.95	<0.5	11	0.491	0.96	0.5	2.4	137
VJSS0072	Soil	108.5	0.01	2.5	12	6.65	5	150	0.9	0.98	0.5	10.1	0.488	0.87	0.51	2.3	115
VJSS0073	Soil	116	<0.01	2.2	6	5.8	5	180	0.82	0.84	<0.5	9.6	0.489	0.82	0.45	2.2	114
VJSS0074	Soil	118	<0.01	1.9	7	5.82	6	150	0.84	0.86	<0.5	10	0.427	0.74	0.45	2.2	118
VJSS0075	Soil	155	<0.01	3.1	6	7.39	6	170	0.97	0.93	<0.5	11.5	0.531	1	0.44	2.3	130
VJSS0076	Soil	57.1	<0.01	2.1	5	4.76	4	560	0.56	0.74	0.5	9.5	0.276	0.6	0.47	2	73
VJSS0077	Soil	108	<0.01	2	4	5.58	12	210	0.96	0.9	<0.5	10	0.386	0.73	0.42	1.9	107
VJSS0078	Soil	123.5	<0.01	2.1	4	5.58	4	250	0.7	0.81	0.6	9.5	0.349	0.77	0.37	2.9	110
VJSS0079	Soil	70.7	<0.01	1.8	<3	5.46	6	310	0.62	0.68	<0.5	7.7	0.378	0.61	0.35	2.7	92
VJSS0080	Soil	75.4	0.01	1.1	6	3.54	4	280	0.61	0.56	<0.5	6	0.364	0.37	0.25	2.2	68
VJSS0081	Soil	66.4	<0.01	1.9	4	4.21	4	490	0.51	0.68	<0.5	6	0.345	0.41	0.29	3.3	76
VJSS0082	Soil	110	0.01	1.9	4	5.99	10	200	0.8	0.81	0.6	9.4	0.428	0.68	0.38	2.6	117
VJSS0083	Soil	127	<0.01	2.1	4	6.46	5	260	0.86	0.89	<0.5	9.9	0.45	0.75	0.52	2.2	132
VJSS0084	Soil	119.5	0.01	1.6	4	6.66	5	190	0.96	0.93	<0.5	9.2	0.417	0.8	0.56	2.5	101
VJSS0085	Soil	99.2	<0.01	1.4	6	7.2	5	320	0.62	1.14	<0.5	8.1	0.758	0.51	0.6	2.4	193
VJSS0086	Soil	131	<0.01	3.3	3	5.31	7	280	0.82	0.9	<0.5	9.6	0.46	1.04	0.49	2.6	124
VJSS0087	Soil	112	<0.01	1.7	4	5.12	5	220	0.76	0.83	<0.5	8.3	0.46	0.79	0.47	2.5	111
VJSS0088	Soil	97.3	0.01	1.7	4	5.35	4	210	0.79	0.79	<0.5	8.2	0.434	0.68	0.42	2.4	111
VJSS0089	Soil	63.9	<0.01	1.9	4	6.28	4	250	0.56	0.87	<0.5	7.3	0.322	0.58	0.45	2.2	87
VJSS0090	Soil	53.7	<0.01	0.8	4	4.67	10	330	0.59	0.54	<0.5	6	0.323	0.24	0.29	1.8	66
VJSS0091	Soil	86	<0.01	1.7	4	4.74	4	170	0.74	0.7	<0.5	7.9	0.352	0.58	0.33	1.6	90
VJSS0093	Soil	76.3	<0.01	1.8	3	4.53	6	260	0.63	0.68	<0.5	7.9	0.367	0.6	0.3	1.8	95
VJSS0094	Soil	106	<0.01	1.8	8	6.13	5	180	0.77	0.81	<0.5	9.4	0.464	0.7	0.39	2.2	110
VJSS0095	Soil	73	0.01	3.1	<3	4.8	4	290	0.85	0.74	<0.5	8.8	0.497	0.53	0.44	2.4	86

Sample ID	Sample Type	Rb ppm	Re ppm	Sb ppm	Se ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	Ti %	Tl ppm	Tm ppm	U ppm	V ppm
VJSS0096	Soil	123.5	<0.01	1.7	6	5.81	5	140	0.78	0.89	<0.5	10.1	0.453	0.95	0.37	2.4	141
VJSS0097	Soil	85.5	<0.01	2.3	8	5.65	8	170	0.95	0.81	<0.5	10.2	0.517	0.75	0.45	2.6	94
VJSS0098	Soil	136	<0.01	2.5	7	6.3	9	190	0.97	0.99	<0.5	12.1	0.501	1.18	0.47	2.4	141
VJSS0099	Soil	125	0.01	2.1	6	7.18	5	170	0.75	0.94	0.6	11	0.485	0.88	0.47	2.4	138
VJSS0100	Soil	105	<0.01	2	<3	6.39	7	140	7.53	0.75	<0.5	9.4	0.396	0.7	0.4	2.2	100
VJSS0101	Soil	119.5	0.01	2.3	3	5.53	9	160	1.26	0.88	<0.5	10	0.444	0.84	0.39	2.3	115
VJSS0102	Soil	113	<0.01	2.5	6	4.63	4	230	0.98	0.76	<0.5	10.3	0.449	0.76	0.44	2.5	108
VJSS0103	Soil	103	<0.01	2.1	3	5.82	12	310	0.7	0.88	<0.5	9.8	0.457	0.87	0.45	2.9	131
VJSS0104	Soil	98.1	<0.01	1.6	8	4.8	5	180	0.72	0.74	<0.5	9	0.437	0.58	0.43	2.4	104
VJSS0105	Soil	111.5	<0.01	1.5	5	5.34	4	190	0.85	0.91	<0.5	10	0.475	0.81	0.42	2.5	116
VJSS0106	Soil	100	<0.01	2.3	<3	4.36	4	150	0.74	0.73	<0.5	9.2	0.426	0.84	0.3	2	102
VJSS0107	Soil	79	<0.01	2	5	4.97	5	380	0.64	0.53	<0.5	7.8	0.332	0.58	0.23	2.8	87
VJSS0108	Soil	75.9	<0.01	2.3	5	5.88	5	260	0.8	0.68	<0.5	9.6	0.38	0.65	0.39	4.1	103
VJSS0110	Soil	53.8	<0.01	1	<3	3.01	3	290	0.53	0.35	<0.5	5.2	0.306	0.37	0.17	1.8	68
VJSS0111	Soil	98.1	<0.01	1.6	6	5.12	4	160	0.78	0.83	<0.5	9.1	0.462	0.61	0.38	2.2	101
VJSS0112	Soil	160	<0.01	4.9	<3	6.78	4	410	0.75	0.82	<0.5	12.5	0.392	1.18	0.44	4.2	141
VJSS0113	Soil	134	<0.01	16.3	4	5.54	9	330	0.53	0.64	<0.5	9	0.329	1.72	0.31	2.3	99
VJSS0114	Soil	185	<0.01	2	4	5.01	4	320	0.77	0.62	<0.5	11.6	0.372	1.22	0.34	2.8	98
VJSS0115	Soil	180.5	<0.01	6.6	<3	5.45	4	270	0.75	0.84	<0.5	11.7	0.4	1.33	0.37	2.9	112
VJSS0116	Soil	114	<0.01	2.8	<3	4.62	6	260	0.68	0.65	<0.5	9.6	0.376	0.89	0.35	2.4	96
VJSS0117	Soil	104	<0.01	1.5	<3	5.59	12	210	0.84	0.81	<0.5	10	0.435	0.6	0.36	2.5	122
VJSS0118	Soil	106	<0.01	1.6	7	5.64	5	150	0.87	0.8	<0.5	10.1	0.452	0.59	0.41	2.2	121
VJSS0119	Soil	135	<0.01	2.8	4	5.69	5	170	0.84	0.8	<0.5	11.5	0.489	1.05	0.47	3.1	139
VJSS0120	Soil	145.5	<0.01	2.2	3	6.07	5	320	0.81	0.82	<0.5	11.8	0.475	0.9	0.49	4.3	143
VJSS0121	Soil	94.5	<0.01	1.3	5	5.12	4	180	0.83	0.82	<0.5	9.9	0.466	0.54	0.46	2.6	108
VJSS0122	Soil	84.9	<0.01	2.4	10	5.36	4	190	0.92	0.77	<0.5	9.4	0.463	0.52	0.52	2.2	94
VJSS0123	Soil	112.5	<0.01	1.5	<3	5.47	5	170	0.82	0.79	<0.5	10	0.437	0.64	0.36	2.4	126

Sample ID	Sample Type	Rb ppm	Re ppm	Sb ppm	Se ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	Ti %	Tl ppm	Tm ppm	U ppm	V ppm
VJSS0124	Soil	105.5	<0.01	1.1	5	5.3	4	150	0.72	0.76	<0.5	9.8	0.432	0.64	0.38	2.9	128
VJSS0126	Soil	136	<0.01	2.9	7	6.08	5	210	0.79	1.02	<0.5	11.2	0.465	0.96	0.34	3.5	147
VJSS0127	Soil	183.5	<0.01	0.4	15	10.7	5	190	1.67	1.49	<0.5	20.3	0.663	1.01	0.69	6.5	137
VJSS0128	Soil	134.5	<0.01	0.6	8	8.43	5	210	1.57	1.24	<0.5	15	0.698	0.71	0.82	4.4	141
VJSS0129	Soil	120	<0.01	1.8	5	5.72	4	120	1.29	0.81	<0.5	11	0.413	0.72	0.44	2.1	119
VJSS0130	Soil	113.5	<0.01	2.6	5	6.2	6	180	2.99	0.69	<0.5	10.7	0.428	0.84	0.43	2.7	119
VJSS0131	Soil	107.5	<0.01	1.7	<3	5.45	5	200	0.82	0.76	<0.5	9.5	0.443	0.62	0.4	2.6	111
VJSS0132	Soil	100.5	<0.01	1.2	3	6.37	5	190	0.99	0.89	<0.5	10.6	0.503	0.62	0.5	2.8	121
VJSS0133	Soil	128	<0.01	2.7	3	5.34	4	210	0.74	0.83	<0.5	11.4	0.437	1	0.41	2.8	148
VJSS0134	Soil	125.5	<0.01	2.1	4	6.27	4	180	0.81	0.97	<0.5	11.8	0.461	0.84	0.51	2.8	139
VJSS0135	Soil	115.5	<0.01	1.4	5	5.7	9	150	0.71	0.86	<0.5	11.2	0.452	0.76	0.38	2.6	123
VJSS0136	Soil	106.5	<0.01	1.5	7	6.18	9	190	0.76	0.88	<0.5	10.7	0.445	0.82	0.42	2.4	117
VJSS0137	Soil	75.7	<0.01	1.7	<3	3.07	10	110	0.4	0.45	<0.5	6.3	0.227	0.57	0.24	1.4	70
VJSS0138	Soil	146.5	<0.01	1.5	5	5.72	9	280	0.71	0.83	<0.5	10.2	0.43	1.11	0.42	3	111
VJSS0139	Soil	125.5	<0.01	1.3	8	4.42	8	210	0.51	0.61	<0.5	8.7	0.282	1.59	0.29	2.5	84
VJSS0140	Soil	159.5	<0.01	1.5	<3	6.49	4	140	0.86	0.94	<0.5	11.2	0.439	1.73	0.46	2.5	120
VJSS0141	Soil	126.5	<0.01	0.6	6	5.53	3	220	0.64	0.8	<0.5	7.7	0.486	0.46	0.45	2.8	127
VJSS0142	Soil	110.5	<0.01	1.8	8	5.79	3	200	0.75	0.71	<0.5	11	0.452	0.79	0.44	2.6	113
VJSS0143	Soil	114	<0.01	1.3	7	6.8	3	200	0.71	0.85	<0.5	11.1	0.421	1.03	0.43	3.4	144
VJSS0144	Soil	119.5	<0.01	2.9	10	6.12	4	230	0.74	0.95	<0.5	10.3	0.468	0.85	0.43	3.1	157
VJSS0145	Soil	116.5	<0.01	2.2	5	5.37	4	260	0.68	0.85	<0.5	10.3	0.441	0.84	0.34	3	129
VJSS0146	Soil	114	<0.01	2.5	7	7.01	11	130	0.92	1.07	<0.5	12	0.464	0.73	0.51	2.4	138
VJSS0147	Soil	92	<0.01	2.1	4	5.22	9	170	0.63	0.67	<0.5	9.1	0.481	0.79	0.46	2.5	116
VJSS0148	Soil	158.5	<0.01	0.6	5	19.4	12	120	1.84	3.39	<0.5	32.2	0.768	0.76	2.17	7.1	117
VJSS0149	Soil	123	<0.01	2.5	<3	4.78	10	160	0.69	0.89	<0.5	10.1	0.494	0.9	0.39	2.5	114
VJSS0150	Soil	115	<0.01	1.9	6	5.88	7	150	0.86	1	<0.5	11.1	0.517	0.79	0.44	2.3	117
VJSS0152	Soil	132	<0.01	3.5	4	5.58	4	170	0.84	0.93	<0.5	11.3	0.474	0.85	0.43	2.7	132

Sample ID	Sample Type	Rb ppm	Re ppm	Sb ppm	Se ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	Ti %	Tl ppm	Tm ppm	U ppm	V ppm
VJSS0153	Soil	125	<0.01	2.4	6	6.06	10	120	0.79	0.78	<0.5	10.6	0.485	0.79	0.49	3	134
VJSS0154	Soil	109	<0.01	3.1	6	5.56	3	520	0.69	0.73	<0.5	9.1	0.345	0.97	0.38	3.2	118
VJSS0155	Soil	188	<0.01	1.3	5	5.56	3	360	0.74	0.72	<0.5	9.5	0.402	1.1	0.39	2.8	109
VJSS0156	Soil	149.5	<0.01	0.7	3	5.95	10	150	0.63	0.92	<0.5	8.2	0.508	0.72	0.4	2.6	136
VJSS0157	Soil	166.5	<0.01	1.8	4	8.96	9	230	0.77	1.33	<0.5	12.9	0.452	1.61	0.61	6.3	149
VJSS0158	Soil	81.6	<0.01	1.7	6	5.02	3	220	2	0.88	<0.5	8.6	0.476	0.71	0.52	2.5	139
VJSS0159	Soil	104	<0.01	1.5	4	6.46	4	160	0.73	0.92	<0.5	9.9	0.498	0.75	0.48	2.5	153
VJSS0160	Soil	121	<0.01	1.3	<3	6.1	3	120	0.76	1	<0.5	10.4	0.484	0.74	0.45	2.5	132
VJSS0161	Soil	146.5	<0.01	3.8	<3	6.24	5	180	0.75	0.88	<0.5	11.4	0.449	0.93	0.48	2.4	138
VJSS0162	Soil	92.2	<0.01	0.7	4	3.58	10	140	0.75	0.62	<0.5	7.6	0.557	0.49	0.43	2.7	118
VJSS0163	Soil	92.7	<0.01	1.4	4	5.38	9	140	0.94	0.88	<0.5	8.3	0.501	0.55	0.46	2.2	132
VJSS0164	Soil	159	<0.01	2	<3	14.85	11	250	1.7	2.53	<0.5	32.7	0.744	1.4	1.29	6.1	109
VJSS0165	Soil	172	<0.01	0.5	8	7.18	9	210	1.45	1.09	<0.5	19.7	0.572	1	0.7	4.3	109
VJSS0166	Soil	154.5	<0.01	1.3	<3	11.45	6	300	1.45	1.23	<0.5	22.3	0.73	0.81	0.85	4.9	141
VJSS0167	Soil	107.5	<0.01	1	<3	6.67	6	170	0.88	0.89	<0.5	8.9	0.474	0.56	0.46	2.9	122
VJSS0168	Soil	106.5	0.02	1.4	<3	5.6	12	130	0.93	0.86	<0.5	8.6	0.487	0.62	0.52	2.5	101
VJSS0169	Soil	100.5	<0.01	1.8	<3	5.81	5	190	0.81	0.78	<0.5	9.5	0.443	0.66	0.4	2.6	108
VJSS0170	Soil	127	0.01	3.3	3	6.34	5	250	0.69	0.87	<0.5	9.6	0.409	0.86	0.45	2.8	132
VJSS0171	Soil	142.5	0.01	0.6	<3	6.49	4	300	0.75	0.79	<0.5	7.2	0.411	0.54	0.4	1.9	113
VJSS0172	Soil	106.5	<0.01	0.6	<3	5.98	5	130	0.79	0.76	<0.5	7.5	0.558	0.47	0.52	2.4	132
VJSS0174	Soil	130	0.01	2	<3	6.16	4	170	0.77	0.8	<0.5	9.3	0.464	0.79	0.43	2.2	111
VJSS0175	Soil	123.5	<0.01	2	<3	6.07	6	130	0.77	0.87	<0.5	10.1	0.477	0.77	0.55	2.8	139
VJSS0176	Soil	120	<0.01	1.4	<3	5.48	4	120	0.92	0.75	<0.5	9.6	0.492	0.66	0.47	2.6	126
VJSS0177	Soil	131	<0.01	1.1	<3	5.71	5	180	0.85	0.78	<0.5	9.1	0.463	0.86	0.43	2.8	136
VJSS0178	Soil	100.5	<0.01	2.3	3	5.43	5	170	0.7	0.87	<0.5	9.1	0.47	0.91	0.51	4.2	137
VJSS0179	Soil	146	<0.01	0.5	<3	9.14	13	200	1.21	1.15	<0.5	15.2	0.575	0.8	0.55	4.7	120
VJSS0180	Soil	43.2	<0.01	0.6	<3	7.87	11	320	0.8	1.02	<0.5	5	0.629	0.36	0.5	1.7	156

Sample ID	Sample Type	Rb ppm	Re ppm	Sb ppm	Se ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	Ti %	Tl ppm	Tm ppm	U ppm	V ppm
VJSS0181	Soil	84.6	<0.01	0.8	<3	6.88	5	160	0.59	0.96	<0.5	8	0.633	0.41	0.59	2.2	193
VJSS0182	Soil	105	<0.01	1.1	<3	6.01	4	130	0.71	0.95	<0.5	8.3	0.502	0.59	0.46	3.3	128
VJSS0183	Soil	113	<0.01	1.3	<3	6.24	5	140	0.91	0.98	<0.5	9.3	0.511	0.69	0.49	2.6	122
VJSS0184	Soil	108.5	<0.01	1.4	<3	5.51	5	150	0.78	0.79	<0.5	9.1	0.427	0.62	0.4	2.6	131
VJSS0185	Soil	107	<0.01	1.2	<3	6.53	5	180	0.82	0.89	<0.5	9.1	0.433	0.77	0.42	3.3	140
VJSS0186	Soil	104	<0.01	1.6	<3	5.36	4	180	0.8	0.71	<0.5	8.7	0.473	0.67	0.42	2.6	114
VJSS0188	Soil	125.5	<0.01	3	<3	7.55	12	110	0.79	0.91	<0.5	10.6	0.42	0.99	0.47	2.4	141
VJSS0189	Soil	100	0.01	2.9	<3	5.86	5	170	0.67	0.81	<0.5	6.8	0.553	0.92	0.55	2.1	134
VJSS0190	Soil	126.5	<0.01	3.7	<3	7.34	6	130	0.71	1.09	<0.5	10.8	0.523	1.05	0.57	3.3	175
VJSS0191	Soil	109	<0.01	2	<3	6.53	6	130	0.88	0.99	<0.5	8.7	0.52	0.68	0.58	2.6	155
VJSS0192	Soil	109	<0.01	1.2	<3	4.66	5	120	0.7	0.67	<0.5	7.6	0.408	0.63	0.31	2.1	114
VJSS0193	Soil	90.4	<0.01	1.1	<3	5.08	6	150	0.79	0.95	<0.5	7.5	0.437	0.58	0.48	2.6	118
VJSS0194	Soil	104	<0.01	1.1	<3	4.34	11	150	0.7	0.66	<0.5	6.8	0.473	0.68	0.36	2.4	124
VJSS0195	Soil	95.1	<0.01	0.9	<3	6.39	9	200	0.85	0.97	<0.5	7.9	0.622	0.53	0.45	2.3	156
VJSS0196	Soil	148	<0.01	0.3	<3	5.48	7	140	1.17	0.92	<0.5	12.3	0.57	0.76	0.45	3.8	132
VJSS0197	Soil	73.1	<0.01	0.4	<3	7.08	6	210	0.77	0.92	<0.5	7.8	0.61	0.59	0.46	3	137
VJSS0198	Soil	101.5	<0.01	1.5	<3	5.74	9	140	0.69	0.8	<0.5	8	0.457	0.62	0.43	2.7	113
VJSS0199	Soil	140	0.01	2	5	5.17	4	170	0.85	0.81	<0.5	10.8	0.45	0.95	0.45	2.4	139
VJSS0200	Soil	101.5	<0.01	1.9	3	5.07	3	180	0.84	0.72	<0.5	8.6	0.445	0.74	0.43	2.3	105
VJSS0201	Soil	126.5	0.01	3.1	8	6.63	9	180	0.83	1.09	<0.5	10.5	0.474	0.94	0.55	2.4	145
VJSS0202	Soil	71.3	<0.01	1.4	5	4.86	7	240	0.69	0.91	<0.5	6.4	0.598	0.35	0.46	2	145
VJSS0203	Soil	147.5	<0.01	2.4	5	6.26	3	150	0.9	1.05	<0.5	10.6	0.486	0.77	0.54	2.7	132
VJSS0204	Soil	121.5	<0.01	0.8	4	7.37	5	190	1.13	0.99	<0.5	12.7	0.568	0.74	0.51	3.2	110
VJSS0205	Soil	89.5	<0.01	1	8	6.29	5	250	0.94	1.05	<0.5	10.1	0.557	0.81	0.54	2.6	129
VJSS0206	Soil	150	<0.01	2.2	6	6.36	4	210	0.93	0.91	<0.5	11.1	0.46	0.82	0.45	2.8	147
VJSS0207	Soil	98.8	<0.01	1.6	6	5.51	8	150	0.66	0.94	<0.5	8	0.605	0.53	0.55	2.4	157
VJSS0208	Soil	98.8	<0.01	1.4	5	6.14	4	150	0.82	0.94	<0.5	8.5	0.645	0.57	0.48	2.4	156

Sample ID	Sample Type	Rb ppm	Re ppm	Sb ppm	Se ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	Ti %	Tl ppm	Tm ppm	U ppm	V ppm
VJSS0209	Soil	87.8	<0.01	1	<3	4.39	9	230	0.91	0.82	<0.5	8	0.556	0.59	0.5	2.8	112
VJSS0210	Soil	116.5	0.01	0.8	5	7.16	10	190	0.89	1.05	<0.5	8.2	0.575	0.78	0.49	3.2	139

Table 10. Soil sampling Phase Five/Last, method ME-MS89L and B-MS89L for B – Part 4.

Sample ID	Sample Type	W ppm	Y ppm	Yb ppm	Zn ppm
VJSS0001	Soil	1.9	30.8	2.68	100
VJSS0002	Soil	1.8	27.1	2.75	90
VJSS0003	Soil	2.5	24.6	2.33	120
VJSS0004	Soil	1.4	23.7	2.33	100
VJSS0005	Soil	2	26.5	2.49	100
VJSS0006	Soil	2.1	26.3	2.65	110
VJSS0007	Soil	0.5	5.1	0.67	30
VJSS0008	Soil	1.1	11.2	1.44	60
VJSS0009	Soil	1.4	27.3	2.92	80
VJSS0010	Soil	2.3	30.1	3.13	110
VJSS0012	Soil	2	23.3	2.53	110
VJSS0013	Soil	2.2	27.9	2.93	120
VJSS0014	Soil	1.8	28.7	2.88	110
VJSS0015	Soil	1.5	27.8	2.35	120
VJSS0016	Soil	1.9	28	3	120
VJSS0017	Soil	2	30.7	2.79	120
VJSS0018	Soil	1.1	17.4	1.45	110
VJSS0019	Soil	2.1	24.7	2.52	120
VJSS0020	Soil	1.7	23.8	2.61	70
VJSS0021	Soil	1.6	24.1	2.41	80

Sample ID	Sample Type	W ppm	Y ppm	Yb ppm	Zn ppm
VJSS0022	Soil	1.2	22.5	2.4	60
VJSS0023	Soil	2.2	27.2	3.34	90
VJSS0024	Soil	1.7	29	3.06	100
VJSS0025	Soil	2	25	3.02	100
VJSS0026	Soil	1.5	22.3	2.01	90
VJSS0027	Soil	1.5	16.9	1.4	80
VJSS0028	Soil	1.2	23.2	2.36	90
VJSS0029	Soil	1.4	24.6	2.54	110
VJSS0030	Soil	1.4	14.3	1.65	80
VJSS0031	Soil	1.3	27	2.62	70
VJSS0032	Soil	1.1	18	1.71	70
VJSS0033	Soil	0.9	13.6	1.3	60
VJSS0034	Soil	1.7	22.6	2.55	70
VJSS0035	Soil	1.5	20.6	2.06	60
VJSS0036	Soil	2.3	30	3.39	100
VJSS0038	Soil	2.2	28.1	2.8	90
VJSS0039	Soil	2.2	27.3	2.69	90
VJSS0040	Soil	2	24.9	2.66	80
VJSS0041	Soil	2	22.2	2.19	80
VJSS0042	Soil	1.8	19.7	2.21	60
VJSS0043	Soil	2.1	29.8	2.86	90
VJSS0044	Soil	1.7	19.3	2.46	50
VJSS0045	Soil	2.3	32	3.03	100
VJSS0047	Soil	2.1	29.4	2.95	90
VJSS0048	Soil	2.3	32.4	3.26	80
VJSS0049	Soil	2.3	24.7	2.58	60
VJSS0050	Soil	1.6	22	2.38	120

Sample ID	Sample Type	W ppm	Y ppm	Yb ppm	Zn ppm
VJSS0051	Soil	2	24.7	2.54	80
VJSS0052	Soil	2	25.3	2.47	90
VJSS0053	Soil	1.6	24.7	2.19	80
VJSS0054	Soil	0.9	18	1.59	70
VJSS0055	Soil	1.8	29.8	2.9	90
VJSS0056	Soil	1.6	22.9	2.12	70
VJSS0057	Soil	2.5	37.8	3.98	80
VJSS0058	Soil	2.1	28.4	2.8	110
VJSS0059	Soil	1.5	21	2.12	80
VJSS0060	Soil	1.5	21	2.05	80
VJSS0061	Soil	1.2	11.8	1.17	40
VJSS0062	Soil	1.6	24.3	2.76	70
VJSS0064	Soil	1.9	25.2	2.71	70
VJSS0065	Soil	1.4	16.3	1.97	70
VJSS0066	Soil	1.9	28.7	2.64	90
VJSS0067	Soil	2.1	26.3	2.7	100
VJSS0068	Soil	1.7	30.5	2.96	60
VJSS0069	Soil	2	30.7	3.08	50
VJSS0070	Soil	2.4	32.9	2.8	80
VJSS0071	Soil	2.5	33.3	3.24	100
VJSS0072	Soil	2.4	28.5	2.77	100
VJSS0073	Soil	2.5	30.6	3.15	100
VJSS0074	Soil	2.2	29.7	2.62	90
VJSS0075	Soil	2.9	30.6	3.41	100
VJSS0076	Soil	1.1	25.4	2.75	50
VJSS0077	Soil	1.9	27.2	2.92	80
VJSS0078	Soil	1.8	24.7	2.33	100

Sample ID	Sample Type	W ppm	Y ppm	Yb ppm	Zn ppm
VJSS0079	Soil	1.7	23.1	2.25	90
VJSS0080	Soil	1.8	18.2	2.02	60
VJSS0081	Soil	1.3	20.5	1.98	90
VJSS0082	Soil	1.8	26.9	2.48	100
VJSS0083	Soil	2.3	31.6	3.28	120
VJSS0084	Soil	2.6	34.8	3.58	70
VJSS0085	Soil	1.6	44.1	4.2	90
VJSS0086	Soil	2.1	27.4	2.61	120
VJSS0087	Soil	2	28	3.39	90
VJSS0088	Soil	2.2	26.2	2.69	80
VJSS0089	Soil	1.8	32	2.76	70
VJSS0090	Soil	1.5	16.3	1.59	50
VJSS0091	Soil	1.6	21.9	2.25	70
VJSS0093	Soil	1.4	20.7	2.03	60
VJSS0094	Soil	2.4	27.1	2.98	80
VJSS0095	Soil	1.7	27.6	2.97	70
VJSS0096	Soil	2.5	31.4	2.83	90
VJSS0097	Soil	2.6	26.2	2.36	70
VJSS0098	Soil	2.5	33.4	3.15	120
VJSS0099	Soil	2.6	31.9	3.07	110
VJSS0100	Soil	1.8	25	2.58	80
VJSS0101	Soil	1.8	27.8	2.73	100
VJSS0102	Soil	1.9	26.4	2.56	90
VJSS0103	Soil	1.2	27.7	2.51	80
VJSS0104	Soil	1.7	27.1	2.74	90
VJSS0105	Soil	1.9	30.9	2.87	90
VJSS0106	Soil	1.8	22.8	2.27	80

Sample ID	Sample Type	W ppm	Y ppm	Yb ppm	Zn ppm
VJSS0107	Soil	1.4	18	1.68	80
VJSS0108	Soil	2.3	22.9	1.99	80
VJSS0110	Soil	1.2	12.8	1.35	50
VJSS0111	Soil	1.8	25	2.69	80
VJSS0112	Soil	1.5	29.4	2.65	120
VJSS0113	Soil	1.8	21.4	2.22	120
VJSS0114	Soil	1.6	22.9	2.13	130
VJSS0115	Soil	2.1	26.4	2.74	110
VJSS0116	Soil	1.5	24.8	2.6	120
VJSS0117	Soil	2.2	26.9	2.86	90
VJSS0118	Soil	2	28.2	3.08	80
VJSS0119	Soil	2	28.8	2.6	110
VJSS0120	Soil	2.5	33.2	2.94	140
VJSS0121	Soil	1.7	30.8	3.24	90
VJSS0122	Soil	1.6	28.3	2.81	80
VJSS0123	Soil	2.2	25.7	2.63	80
VJSS0124	Soil	1.9	26	2.31	110
VJSS0126	Soil	2.3	29.3	2.88	110
VJSS0127	Soil	2.4	48.2	4.4	130
VJSS0128	Soil	2.4	53.2	4.85	110
VJSS0129	Soil	1.7	30.7	3.24	100
VJSS0130	Soil	2.1	26.3	2.57	100
VJSS0131	Soil	2.1	26.9	2.81	110
VJSS0132	Soil	1.9	28	2.8	90
VJSS0133	Soil	2	28.5	2.94	110
VJSS0134	Soil	2.3	34	3.3	110
VJSS0135	Soil	2.5	28.7	2.73	90

Sample ID	Sample Type	W ppm	Y ppm	Yb ppm	Zn ppm
VJSS0136	Soil	2.2	28.4	3.03	100
VJSS0137	Soil	1.4	15.9	1.53	60
VJSS0138	Soil	2.2	26.3	2.72	120
VJSS0139	Soil	1.6	19	1.75	90
VJSS0140	Soil	2	31.3	3.13	100
VJSS0141	Soil	1.2	28.3	2.99	80
VJSS0142	Soil	2.2	29.5	3.45	90
VJSS0143	Soil	2.2	30.3	2.88	100
VJSS0144	Soil	1.7	27.4	2.91	120
VJSS0145	Soil	1.8	25.5	2.31	110
VJSS0146	Soil	2.1	34.8	3.53	100
VJSS0147	Soil	2.2	25.2	2.76	80
VJSS0148	Soil	8.8	129	14.2	100
VJSS0149	Soil	1.9	29	2.71	100
VJSS0150	Soil	2.4	31.9	2.98	80
VJSS0152	Soil	1.9	30.7	2.72	100
VJSS0153	Soil	2.2	27.7	3.04	90
VJSS0154	Soil	1.9	24.7	2.27	80
VJSS0155	Soil	1.6	27.2	2.5	130
VJSS0156	Soil	1.7	31.4	2.91	100
VJSS0157	Soil	1.8	42.9	4.21	150
VJSS0158	Soil	1.8	32.1	3.19	90
VJSS0159	Soil	1.9	31.1	3.1	100
VJSS0160	Soil	2	32.9	2.73	100
VJSS0161	Soil	2.6	31.7	2.93	110
VJSS0162	Soil	2	24.4	2.54	50
VJSS0163	Soil	2.1	30.2	2.64	70

Sample ID	Sample Type	W ppm	Y ppm	Yb ppm	Zn ppm
VJSS0164	Soil	5.9	89.8	10.55	110
VJSS0165	Soil	2	42	5.11	100
VJSS0166	Soil	3.3	50.7	5.45	120
VJSS0167	Soil	1.4	30.7	3.1	90
VJSS0168	Soil	2.3	28.3	2.85	80
VJSS0169	Soil	1.2	26.5	2.68	90
VJSS0170	Soil	1.3	28.9	2.83	90
VJSS0171	Soil	1.4	26.6	2.44	70
VJSS0172	Soil	1.3	30.9	3.21	100
VJSS0174	Soil	1.9	26	2.64	150
VJSS0175	Soil	2.4	31	2.79	100
VJSS0176	Soil	2.5	32.3	2.98	90
VJSS0177	Soil	1.6	27.7	2.93	90
VJSS0178	Soil	1.5	32.8	3.04	80
VJSS0179	Soil	2.3	37.3	3.46	110
VJSS0180	Soil	0.5	31.8	3.07	100
VJSS0181	Soil	0.9	37.3	3.99	90
VJSS0182	Soil	1.6	31.5	3.3	80
VJSS0183	Soil	1.8	32.2	3.13	90
VJSS0184	Soil	4.8	26.9	2.55	100
VJSS0185	Soil	1.3	28.1	2.75	100
VJSS0186	Soil	1.8	26.9	2.51	80
VJSS0188	Soil	1.2	32.7	2.97	110
VJSS0189	Soil	1.9	32.6	3.22	90
VJSS0190	Soil	1.4	38	3.49	110
VJSS0191	Soil	1.2	36.1	3.66	110
VJSS0192	Soil	1.4	23.5	2.34	100

Sample ID	Sample Type	W ppm	Y ppm	Yb ppm	Zn ppm
VJSS0193	Soil	1.4	31.4	3.06	90
VJSS0194	Soil	1	23.6	2.7	90
VJSS0195	Soil	1.2	33.2	3.52	90
VJSS0196	Soil	1.7	30.5	3.5	130
VJSS0197	Soil	0.7	31.6	3.45	90
VJSS0198	Soil	1.5	29.2	2.94	90
VJSS0199	Soil	2.4	28.8	2.75	110
VJSS0200	Soil	2.3	23.1	2.65	100
VJSS0201	Soil	2.1	40.3	3.37	120
VJSS0202	Soil	1.4	28.8	3.15	150
VJSS0203	Soil	2.8	36.1	3.1	110
VJSS0204	Soil	1.9	35.7	3.15	80
VJSS0205	Soil	1.2	36.6	3.68	70
VJSS0206	Soil	2.5	31	2.78	120
VJSS0207	Soil	1.2	32.7	2.89	80
VJSS0208	Soil	1.6	32.5	3.21	90
VJSS0209	Soil	1.8	28.9	3.17	70
VJSS0210	Soil	1.7	35.1	3.37	140

JORC Table 1. This table applies to the Vranje-South project work program

CRITERIA	COMMENTARY
Sampling techniques	The following Stream Sediment sampling technique was followed by the Company throughout the Vranje-South project survey: Stream sediments comprise clastic and hydromorphic components, including detrital grains, clays, colloids, organic matter and Fe-Mn coatings on clasts. In view of this diversity it is important to collect the most appropriate size fraction consistent with the objectives of the survey. In mineral exploration the objective is to enhance the anomaly contrast (peak/background ratio) in order to increase the chances of identifying a potential mineralized bedrock source. • Sites are selected with the following factors in mind - Avoid obvious sources of contamination: sample upstream (at least 50 m) from roads and habitation. - Where valleys are steeply incised avoid collapsed bank material by sampling near the center of the stream. - Avoid areas of winnowed sediment. Fine-grained material at the margins of the water course may be better. - Avoid deposits of well-sorted gravel and areas of limited sediment accumulation. - For consistency, always sample material deposited in the same setting in a stream e.g. do not mix material from heavy mineral traps with fine sediment banks. • Sample collection - Location was made with Garmin- GPS map 64 - Wash sieves and pans in stream immediately prior to sampling. The sieve with the 2 mm cloth is placed on top of the fine sieve and both are mounted on top of the pan. - Collect sediment from several points on the stream bed to produce a representative composite sample. The top 10–20 cm of sediment is discarded to avoid spurious high contents of Fe and Mn in oxide coatings. - Load coarse sediment into the top sieve with minimum input of water. Remove large clasts by hand and rub the material through the top sieve, wearing rubber gloves. Remove the top sieve and continue careful rubbing and shaking until adequate fine material (normally about 100 g dry weight) has passed through the lower (fine) sieve into the pan beneath. No coarse particles should be allowed to enter the fine fraction sample. - Leave sample to settle for a fixed time, typically about 15–20 minutes. During this period panned-concentrate and water samples may be collected, and site data are recorded. - Decant excess water to leave a final volume of 200–250 ml. Homogenize this by gentle agitation with stirring, and carefully decant into a clean numbered Kraft bag using a clean funnel. Place the sealed bag in a thin

	polythene bag and secure with a loose knot for transportation in an upright position. - Wash all equipment thoroughly in the stream before packing away. - Collect duplicate samples at some sites to monitor within-site variability. In a regional survey field duplicates are normally collected from every 100th site. Prenumbered field cards, randomized in blocks of 100 numbers, are issued to the sampling teams. At each site the appropriate number is allocated to all sample containers, which are sealed onsite Sampling procedure which the Company followed for Rock sampling: • Once the sample location has been determined, its location is defined and recorded by using a hand held GPS • Approximately 2 Kg of sample material is collected, ensuring that the sample is representative of the outcrop being sampled • The sample is placed into the sampling container, which is labeled according to the attributed sample number. • All relevant information with regard to the outcrop was recorded. Sampling procedures which the Company followed for Soil sampling: • Locate the predesignated sampling position using a hand-held GPS • In areas where deep moist soils exist, a hand soil auger is usually required to reach the soil horizon • Hand auger down to get through the humus layer and the sample is obtained approximately 20cm below the surface of the soil horizon, if possible, from the A horizon • To avoid cross contamination a nylon brush is used to clean the dirt and mud from the sampling equipment before the sample is collected. • The sample is sieved on-site using an 80 mesh sieve, 178 micrometres, using a stack of sieves with progressively finer mesh sizes. • Approximately 1-2kg of sampled material is collected • samples are placed in a labelled plastic bag (outside and a sample ticket is placed inside the bag) and is sealed onsite • The samples are stored in a dry and secure container on the project area • The samples are submitted to the laboratory while observing sample handling and handover protocols Mr. Jerry Aiken is the Competent Person, as far as this announcement (and this JORC Table 1) is concerned. Mr. Aiken judges these stream sediment and rock sample results to be sufficiently reliable for the purpose of defining the main zones of
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	interest at Vranje-South project. The results will only be used to guide the initial phases of Jadar's work, and do not form part of any resource estimate.
Drilling techniques	Not Applicable
Drill sample recovery	Not Applicable
Logging	Not Applicable
Sub-sampling techniques and sample preparation	Not Applicable
Quality of assay data and laboratory tests	The samples were submitted to the ALS laboratory in Bor (ISO 17025 accredited) for analysis: All samples were analysed by the ALS method ME0MS61L. The Company did not conduct routine QA/QC analysis on the results, including the systematic utilization of certified reference materials, blanks, and umpire laboratory check assays, as at the time of the sampling program, the Company did not have access to certified reference materials. The Company did however use uncertified internal samples which were previously whose results corresponded to expected results. All work was supervised and authorized by a person qualified under the JORC Code guidelines. Jadar's CP is confident that the analytical and assay techniques and QA/QC protocols implemented by the ALS laboratory were appropriate and adequate for the purposes of defining zones of interest in the area. These sample media and techniques and assays were not part of a resource estimate.
Verification of sampling and assaying	No drilling or mineralization reported here. No drilling or twinning of holes reported here. No adjustments were made to the assay data.
Location of data points	Not applicable as there is not Mineral Resource Stream and soil samples: Grid System: WGS84; GCS_WGS_1984 WKID: 4326; Datum: D_WGS_1984 Spheroid: WGS_1984; Angular Unit: Degree Stream sediment and soil sampling locations were determined by a hand-held GPS. Topographic accuracy is estimated to be within 30-50 meters. Topographic control is not considered relevant, as it does not relate to Mineral Resources
Data spacing and distribution	. The soil samples were collected on a 500m grid, where access was possible and the teams used judgement in the field to determine if the site was suitable for sampling. Mr. Jerry Aiken considers that the sample/data spacing and distribution which deployed in the 2018 soil survey exercise to be sufficient and adequate for orientation purposes. Infill soil

	sampling and further scouting will be undertaken in areas which were defined as anomalous in this survey No mineral resource or ore reserve is being reported. Sample composite was not employed.
Orientation of data in relation to geological structure	The stream sediment and soil surveys were designed to cover the majority of the license and on an approximate 4 samples to 1km² sampling density by the end of phase 2. The sample locations and distribution was determined by the local stream distribution, as well as, results from the first phase. The samples were located in the vicinity of the interpreted structures, which it is postulated, may act as conduits to mineralisation at depth. Not applicable as no drilling is reported by the company. Not applicable as no drilling is reported by the company.
Sample security	Throughout the sampling program, all prescribed sample handling protocols were adhered to. The sample handling protocols included; • Each day after sample collection, the samples were stored in a central, secured location within the project area after being catalogued and labelled. • On completion of the sampling program, the samples were transported directly to the ALS laboratory in Bor, where relevant ALS personnel signed off the receipt of the samples. • The CP assumes that all ALS internal sample handling procedures were adhered to. The CP judges that the sample handling protocols which were implemented throughout the program were sufficient to maintain sample integrity.
Audits or reviews	No audits have been undertaken

Section 2 Reporting of Exploration Results

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

Criteria	
Mineral tenement and land tenure status	• Centurion Metals DOO, a 100% owned subsidiary of Jadar resources LTD, is a 100% holder of Vranje-South mineral exploration license (License # 2225). The license is located in southern Serbia. • At time of reporting the company license is in good standing and the company plans to comply with all provisions relating to the Serbian mining law
Exploration done by other parties	• Historical work has been conducted on the Vranje-South project area by various Serbian and Yugoslav state geological agencies. The Company is not aware of the results of these investigations.
Geology	• The CP judges, from the data which is available at time of this announcement, that the mineralisation style may be related to

	blind (not outcropping) sediment hosted lithium-borate mineralisation
Drill hole Information	• Not relevant as no drilling is being reported in this announcement
Data aggregation methods	• No data aggregation methods were used in this announcement • No metal equivalent formulas were used in reporting of any results
Relationship between mineralisation widths and intercept lengths	• No drilling intercepts are reported here.
Diagrams	• No drilling results are presented in this announcement.
Balanced reporting	• The reporting here covers the area of the company's current focus. Further data analysis and interpretation may result in the definition of new targets
Other substantive exploration data	• No information available on metallurgy, ground water, bulk density or rock stability. • Integration and interpretation of the various data sets are on-going
Further work	• The Company plans to execute further infill soil sampling in the areas defined as anomalous, make geological observations in the field. The Company plans to evaluate all available geophysical methods which may be used to define the depth and extent of the basin.. • The company believes that the Soil sampling anomalies may be related to sediment hosted lithium borate mineralization at depth.