

2010 Geochemical Report for the Ten Mile Project

Claims: Ten 279 – Ten 302 (24 claims)

Grant Numbers: YDO 7879 - YDO 7902

NTS 115 O5, 12, 115 N08,09

Latitude 63⁰30' N: Longitude 140⁰00' W

Dawson Mining District

Work performed between June 11 – June 15, 2010

Owner: Radius Gold Inc.
830-355 Burrard St.
Vancouver, B.C.
V6C 2G8

Operator: Solomon Resources Ltd.
Unit 3 – 2860 Smith Drive,
Armstrong, B.C.
VOE 1B1

Report written by: Steve Potts, P.Geo

March 10th 2011

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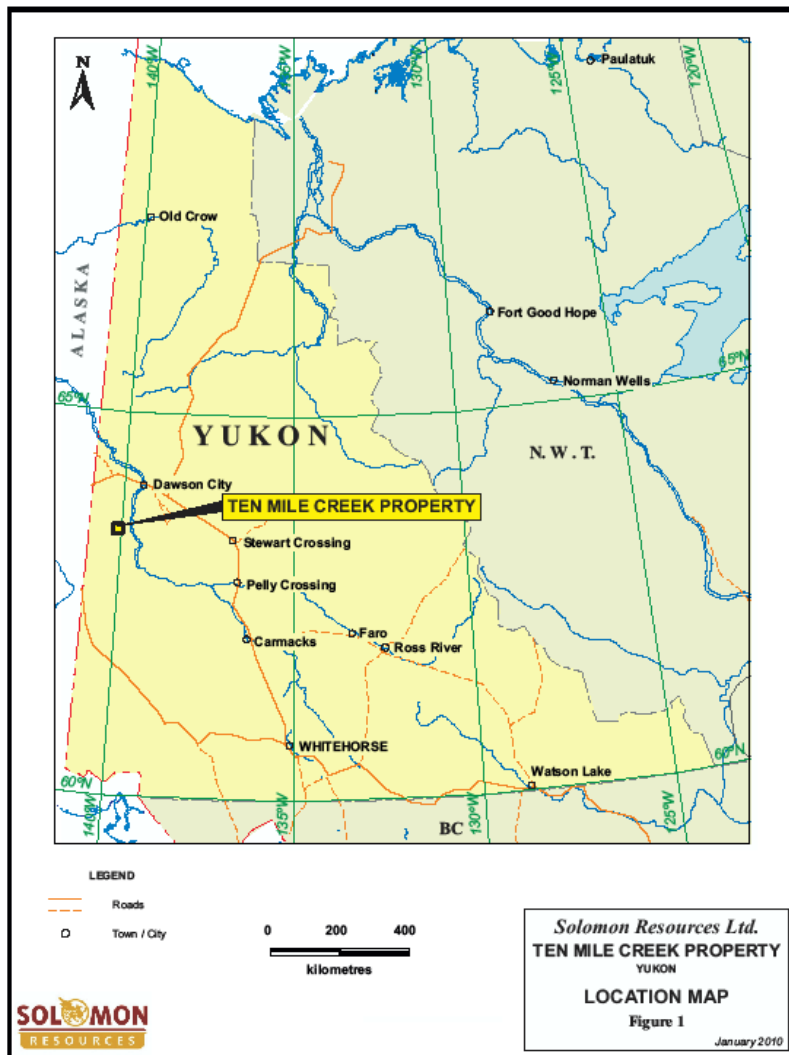
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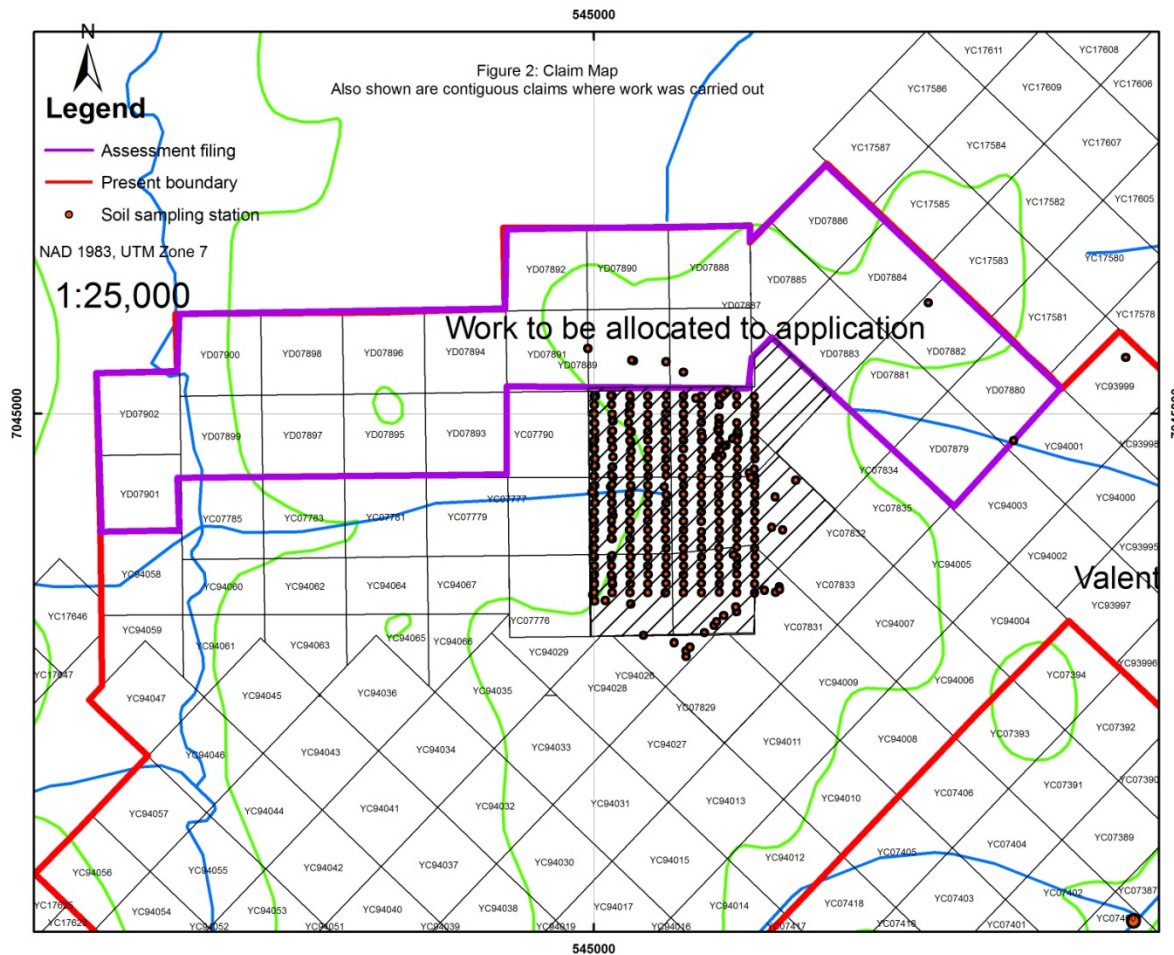
1. Introduction

Solomon Resources Ltd (Solomon) has optioned into the claim package known as Ten Mile, and commenced work in June 2010. The work presently being filed is part of a broader work program, which includes prospecting, soil sampling, trenching and diamond drilling, however, all claims fall under one grouping but with different expiry dates. Figure 1 shows the regional location of the claims, and figure 2, the claims required for assessment filing along with soil sample locations. This assessment report will focus on the soil geochemical program. This part of the property was outlined for a preliminary soil sampling program, in order to provide target indicators for future exploration work.



2. Previous investigations

The area has been previously explored by Teck, who carried out a three year program between 1998 and 2000. Prospect mapping and a soil geochemical program was undertaken with recommendations for follow up work. Teck however, allowed the claims to lapse, and which were then staked by Fjordland Exploration in 2003, who carried out a small scale program across the Ten mile area. Government sponsored programs have included two regional mapping programs carried out by Jim Ryan (Open file (OF) 1772, J.J. Ryan and S.P. Gordey), and expanded later to produce OF 4641. The Yukon Geological Survey in collaboration with the NATMAP project, produced a compilation map (2006-1, M. Colpron), entitled "Tectonic assemblage map of Yukon Tanana and related terranes in Yukon and northern British Columbia." A GSC sponsored airborne program covered the area in 2001 at 800m line spacing. More recently, the area is being encompassed under the GEM Edges program, as renewed interest due to the White Gold discovery, is encouraging further exploration in the area.



3. Property Description, physiography and Location

The property is located approximately 75 km south west of Dawson City. It lies 10 km to the south of the sixty mile river and 10 km west of the Yukon river. The Ten Mile creek lies on the western boundary

of the claims and drains several streams running off the claims. The area's topography is typical of the Dawson range, with rolling hills incised by steep sloped gullies, which is representative of water run-off being the major contributor to morphology, rather than glaciers. Permafrost typically covers the northern slopes, which are underlain by a thick cover of moss. The south facing slopes are usually covered in alders and black spruce trees. The highest elevation, above 3000' amsl, is above the tree line and surfaced with felsenmeer. There is no road or trail onto the claims, although a CAT trail has been made from the valley up onto the ridge and into the claims, sometime in the 1990's. This trail is accessible with 4 x 4 vehicles and ATV's.

4. Geological setting

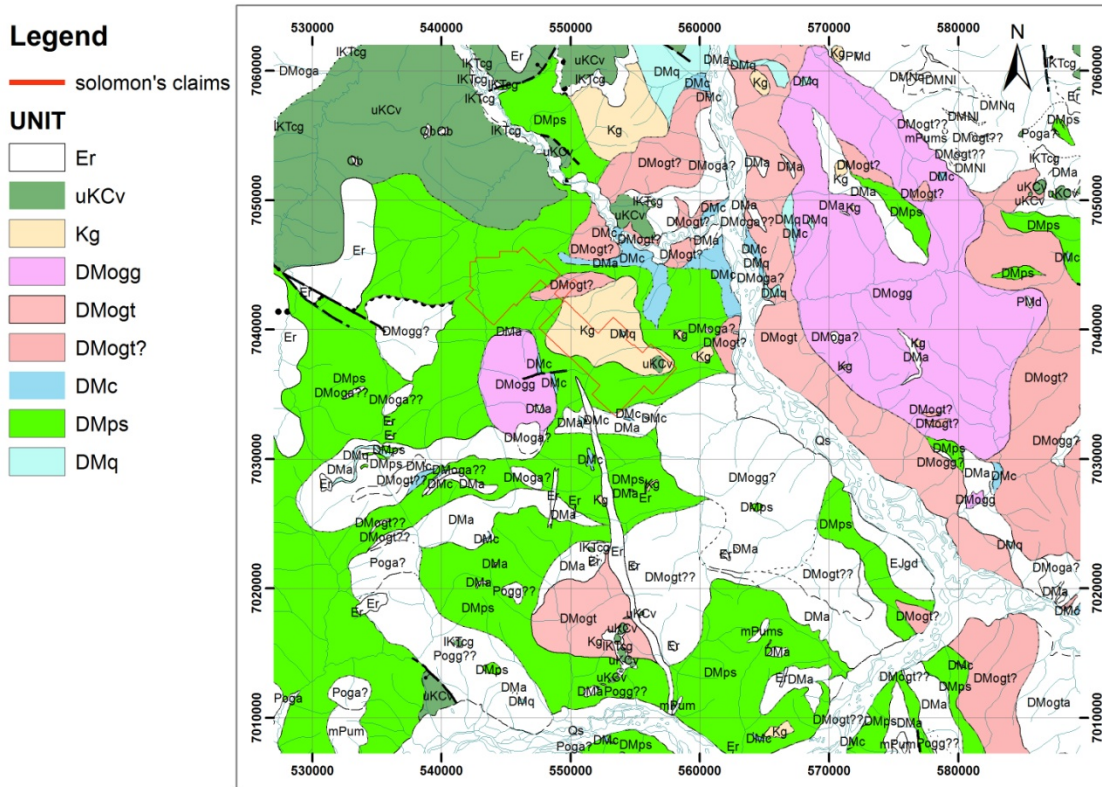
The area of the Ten mile creek area was regionally mapped by Tempelman-Kluit (1974) on map sheet 115N and Bostock (1942) on map sheet 115O. A multi-disciplinary program, consisting of regional bedrock and surficial geological mapping, and airborne geophysics, was undertaken by the Geological Survey of Canada (GSC) over the Stewart River area, which included Solomon's claim area (2000 to 2003). Debicki (1984) and Mortensen (1996) have mapped the area immediately north and northeast of the project area, while Wheeler et al (1991), and Gordey and Makepeace (2001) compiled the geology of the territory. In 2006 a compilation map of the area was put together in conjunction with the Yukon Geological Survey (YGS) (M. Colpron, OF 2006-1).

In the central Yukon, there are two main geological components largely separated by the major, northwest-trending Tintina fault. Rocks northeast of this fault represent the Ancient North American margin. Rocks southwest of the fault are accreted crustal fragments, including the pericratonic Yukon-Tanana Terrane, the Intermontane Superterrane consisting of the Stikinia, Quesnellia, Slide Mountain, Cache Creek and Windy-McKinley Terranes, and the Insular Superterrane consisting of the Wrangellia and Alexander Terranes.

The Ten Mile Property is located within the Paleozoic Yukon- Tanana Terrane (YTT) and is comprised of the Upper Devonian Snowcap assemblage, which consists of polydeformed and metamorphosed quartzite, psammite, pelite and marble (M. Colpron 2006). Figure 3 shows the location of Solomon's claims in relation to the geology of the area. Intruded into this assemblage are a series of granitic plutons, varying from highly deformed to almost fresh looking. Dating of the Ten Mile intrusion has revealed a history of multi events dating as old as the Permian (263 Ma), and as young as the early Jurassic (174 Ma). Much younger Palaeocene epoch (56 Ma) feldspar porphyritic dikes cut the countryside in a north, north-west direction.

There is one minfile occurrence in the area, known as the Cardiff prospect, a location of gold bearing quartz veins (63°28' N, 139°54'W).

Figure 3: Geology of the Ten Mile Area



5. Legal Description

The claims that require renewal are part of a larger group, which is one contiguous group. Table 1 describes the claim numbers required for renewal plus the claims where the actual work was carried out. All claims fall under group number HDO 3064.

Claims for renewal		Renewal date	Claims where work was done	
Claim name	Grant number		Claim name	Grant number
RDU 279 – RDU 302	YDO 7879 – YDO 7902	18 th Sep 2010		YC07772-YC07775
				YC07786
				YC07788
				YC07830
				YC07832
				YC07838
				YC07839

Table 1: Legal description of claims for renewal

The claim names with the prefix “RDU” are owned by Radius Gold Inc., of 830-355 Burrard St, Vancouver B.C. V6C 2G8.

6. Work program for 2010

Solomon, with a crew of 4 people including the Geologist, were dropped off by helicopter and set up a fly camp. The crew stayed out for 4 days, between 13th to 16th August 2010. The sampling crew, equipped with GPS and augur, walked individual lines spaced 200m apart, in a different direction each day. The idea was to prospect as much of the area as no work has previously been done on this part of the claims. Records were taken of the depth of the sample, colour and appearance. There was very little outcrop, and much of the ground was covered in scree, especially on the steeper slopes, which made collecting of soil samples difficult. Approximately 230 soil samples were collected in the claims used for this assessment report.

7. Sampling method

The method was as follows:

- a) The C horizon was targeted for this program. The A horizon is usually an organic matter horizon, followed by a brown layer, the B layer, fine grained with a leached upper portion. Deeper into the horizon, the material becomes coarser (the C horizon), and it is this material, usually at the 50 – 60 cm level, that the sample is taken.
- b) A kraft bag is filled to maximum, discarding any pebbles, the bag is then tagged and sealed, and placed in a plastic bag

8. Sample preparation, analyses and security

All samples were bagged and labeled, batched into rice bags, sealed and transported to Acme Labs, Whitehorse, B.C. The samples were crushed, and then sieved through 100 mesh screen and prepared for analysis. From there the samples were transported to Acme Labs in Vancouver B.C. for ICP MS analysis.

The pulp is then treated with hot aqua regia digestion and processed through an ICP-MS monitor. A 15g sample was used for a more representative result. The following 36 element package with a gold geochemical addition added to the package was used for this program.

Ag	Al	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
Mo	Na	Ni	P	Pb	S	Sb	Sc	Se	Sn	Sr	Ti	Th	Tl	V	W	Y	Zn

9. Interpretation and conclusions

The program’s aim was to complete a due diligence exercise of following up on previous work done by Teck and extending Solomon’s knowledge of the area and which would help in directing future

This program was part of a larger program carried out during 2010, and the results of the larger program will be produced in a future assessment report.



10. Statement of Qualifications

I, Steve Potts, with business address at Solomon Resources Limited, Unit 3 – 2860 Smith Drive, Armstrong, B.C., V0E 1B1, hereby certify that:

- I am a practising Geologist, located in Delta B.C.
- I am a member in good standing with the Association of Professional Engineers and Geoscientists of British Columbia (Licence 33654).
- I hold a Bachelor of Science (B.Sc. Hons) in Geology and Geography (1988) from the University of Leeds, U.K.
- I have been practicing my profession as a geologist since graduation in 1988.
- I have a direct interest in the operations of Solomon Resources Ltd. as I do have a minor amount of shares in the company.
- I have based this report on:
 - Field work conducted by myself and carried out under my supervision.
 - Historical research into past operations on the claims and adjacent to the claims
- I consent to the use of this report for any Filing Statement, Statement of Material Facts, or support document.

Steve Potts B.Sc. P.Geo.

11. Statement of Expenditures

Ten Mile Claims Expenditures					
August 2010					
<u>Item</u>	<u>Hours</u>	<u>Unit rates</u>	<u>No. of days</u>	<u>Man days</u>	<u>\$</u>
Analytical Analysis –for Soils. Acme Labs – 230 samples		20.50			4715
Camp, including fuel, groceries and accommodation		50	5	16	800
<u>Sub-Contractors</u>					
<u>Salaries</u>					
Personnel – Geology – Head Geologist		500	5	5	2500
Personnel - field crew – 3		200	5	15	3000
Total Expenditures:					\$ 11,015

12. References

Pautler, J. (2001) “2000 Geological and geochemical report on the Ten Mile Creek Property”

Colpron, M. (2006) “Tectonic assemblage of Yukon Tanana and related terranes in Yukon and northern British Columbia” (OF 2006-1)

13. Appendices

13.1 Results of soil sampling program.

13.2 Laboratory certificate.

13.1

Table 2
Soils results

Sample_ID	x_proj	y_proj	alt-m	Depth	Colour	Comments	Element	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
							DL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1
141001	545000	7044000		10	GREY BROWN	UNDEVELOPED, SCREE		PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPB	PPM	PPM	PPM	PPM	PPM
141002	545000	7044050		10	GREY BLACK	SCREE SLOPE		0.8	12.5	10.1	101 <0.1	0.2	10.4	8.8	1041	3.19	5.8	0.4	2.6	1.5	105	0.3	1.1	0.1
141003	545000	7044097	736	20	GREY BROWN			0.6	39.2	18.7	96		23.0	9.5	406	2.64	7.4	6.7	14.8	3.9	196	0.3	1.1	0.2
141004	545000	7044150		40	RED BROWN			1.0	27.1	31.0	96 <0.1		22.2	8.8	563	2.72	14.6	0.8	109.4	3.1	112	0.5	2.1	0.2
141005	544996	7044206	740	50-60	GREY BROWN	UNDEVELOPED HORIZONS		0.9	14.8	25.8	54	0.1	14.9	6.3	289	2.40	13.7	0.7	143.0	3.9	33	0.2	1.5	0.2
141006	545001	7044248	743	40	GREY RED	UNDEVELOPED HORIZONS		1.0	48.0	93.4	123	0.3	19.5	8.3	647	2.60	11.5	1.2	46.7	2.9	50	0.4	2.2	0.2
141007	544999	7044298	739	40	RED BROWN	UNDEVELOPED HORIZONS		1.1	24.9	35.4	82	0.1	16.4	7.5	375	2.86	7.8	0.8	16.6	2.6	40	0.3	1.2	0.2
141008	545000	7044354	741	15	LIGHT BROWN	UNDEVELOPED HORIZONS		1.2	18.9	27.4	80 <0.1		17.3	7.8	324	3.13	10.6	0.5	22.2	2.9	21	0.2	1.0	0.2
141009	544996	7044404	735	30	GREY BROWN	UNDEVELOPED HORIZONS		1.1	14.3	20.2	49	0.1	11.1	5.0	283	2.29	6.9	0.4	38.4	2.2	21	0.2	0.8	0.2
141010	545001	7044451	726	20	GREY RED BRN	UNDEVELOPED HORIZONS		0.9	12.3	14.0	47 <0.1		14.4	5.4	306	2.29	7.1	0.4	19.4	1.9	23	0.2	0.5	0.2
141011	545001	7044451	726	20	GREY RED BRN			1.1	12.5	21.7	59 <0.1		14.6	6.1	422	2.42	8.8	0.5	22.1	1.7	14	0.2	0.5	0.2
141013	545000	7044550	699	30	BROWN			0.8	11.2	20.1	54 <0.1		13.0	6.9	488	2.28	7.6	0.5	12.8	1.9	15	0.2	0.4	0.2
141014	545000	7044598	720	20	BROWN	UNDEVELOPED HORIZONS		0.9	7.9	10.5	32 <0.1		8.6	2.7	119	1.37	1.9	0.4	23.5	1.4	22	0.3	0.5	0.3
141015	545001	7044650	741	20	GREY BROWN			0.7	17.0	15.9	53	0.2	20.5	10.2	517	2.74	6.2	0.7	11.7	3.4	72	0.2	0.6	0.2
141016	545001	7044710	749	30	DARK GREY			1.0	23.7	16.8	48	0.1	19.3	11.6	916	2.60	6.6	0.9	5.6	3.0	70	0.2	0.7	0.2
141017	545006	7044751	754	30	GREY			1.0	15.7	20.7	47 <0.1		17.3	7.5	286	2.43	6.1	0.6	11.5	2.6	55	0.1	0.7	0.2
141018	545001	7044803	753	U K	GREY			1.1	17.9	18.3	49 <0.1		19.7	8.2	286	2.45	7.2	0.7	36.9	2.8	64 <0.1		0.7	0.2
141019	544998	7044848	752	10	LIGHT BROWN	UNDEVELOPED HORIZONS		0.8	23.1	15.9	53	0.1	23.7	8.5	482	2.45	6.5	1.5	22.2	3.8	115	0.3	0.7	0.2
141020	545003	7044899	754	20	GREY BROWN			0.8	19.3	19.1	48	0.2	17.8	8.0	570	2.49	5.7	1.3	19.9	2.8	98	0.2	0.8	0.2
141021	545003	7044899	754	20	GREY BROWN			2.4	12.3	26.5	42	0.1	23.8	7.7	518	2.22	7.6	0.7	81.9	2.8	63 <0.1		0.9	0.2
141022	545003	7044947	752	25	GREY			2.0	12.6	33.2	45	0.1	23.3	7.4	378	2.09	7.0	0.7	68.6	2.8	58	0.1	1.0	0.2
141023	545000	7045000	768	30	BROWN			0.9	21.6	13.8	44	0.2	19.9	8.6	369	2.66	8.4	2.1	32.0	2.3	70	0.1	0.5	0.2
141024	545001	7045049	0	20	BROWN			0.9	14.5	16.8	54	0.2	17.4	8.8	703	2.35	4.2	0.4	1.0	2.0	82	0.1	0.6	0.1
141025	545003	7045096	817	20	BROWN RED			0.6	10.3	10.3	30	0.1	11.7	5.4	565	1.71	3.4	1.1	4.7	2.0	61	0.2	0.7 <0.1	
141026	545201	7045100	875	40	RED BROWN			0.8	11.1	14.8	39	0.1	16.3	9.2	578	2.52	3.9	0.3	1.1	2.5	32	0.1	0.5	0.1
141028	545198	7045000	815	40	GREY			2.8	13.9	28.8	41 <0.1		30.6	6.7	286	2.21	7.0	2.5	13.8	1.7	212	0.1	1.0	0.1
141029	545195	7044952	817	50	GREY BROWN			0.7	11.9	17.0	44	0.1	14.6	5.7	236	1.94	4.8	1.3	20.0	2.2	188	0.1	0.6	0.3
141030	545200	7044899	822	30	GREY BROWN			1.4	13.4	27.5	52	0.1	23.6	9.3	379	2.60	6.6	0.7	8.6	2.7	72	0.1	0.7	0.3
141031	545200	7044899	822	30	GREY BROWN			1.1	12.6	17.8	43	0.2	17.6	7.2	241	2.39	5.5	0.6	9.2	2.5	64 <0.1		0.6	0.3
141032	545201	7044849	808	25	LIGHT BROWN			0.9	11.4	16.9	40	0.2	17.0	7.9	341	2.51	6.0	0.6	62.0	2.4	60	0.1	0.6	0.3
141033	545209	7044790	805	U K	U K			1.1	11.8	12.0	42 <0.1		15.3	7.1	324	2.58	8.1	0.3	1.6	2.1	52 <0.1		0.6	0.2
141034	545203	7044749	795	30	BROWN			1.8	27.8	27.9	57	0.7	31.7	9.2	798	3.03	7.3	3.0	28.0	3.2	180	0.2	0.9	0.4
141035	545202	7044700	783	30	LIGHT BROWN			0.8	16.0	15.2	51	0.1	17.5	9.2	435	2.67	8.2	1.0	11.1	4.0	66 <0.1		0.8	0.2
141036	545201	7044649	768	30	RED BROWN			0.8	12.4	19.5	53	0.2	16.6	8.7	704	2.46	6.1	0.5	16.5	2.3	58	0.2	0.7	0.3
141040	545201	7044451	766	50	DARK BROWN	FROZEN		0.9	18.8	16.1	48	0.1	20.5	10.9	831	2.73	5.3	0.4	10.4	2.8	77	0.5	0.6	0.4
141041	545201	7044451	766	50	DARK BROWN	FROZEN		0.6	16.9	21.4	45	0.4	10.7	4.0	172	1.40	2.7	2.2	12.7	0.4	51	0.3	0.7	0.1
141042	545201	7044400	787	50	LIGHT BROWN			I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
141043	545200	7044350	805	60	BROWN			1.3	23.0	98.4	117 <0.1		17.3	8.8	475	2.39	6.8	0.8	65.2	3.4	25	0.2	0.6	0.2
141044	545200	7044299	814	50	LIGHT BROWN			0.9	18.7	21.5	71 <0.1		14.9	5.5	273	2.14	6.9	1.1	22.7	2.7	31	0.3	0.5	0.2
141045	545201	7044248	826	30	GREY BROWN			0.8	11.7	22.4	55 <0.1		13.0	6.2	358	1.93	6.0	0.7	33.3	3.8	19	0.1	0.4	0.1
141046	545203	7044199	831	35	MEDIUM BROWN			1.0	15.3	16.7	65	0.1	16.3	7.1	423	2.41	7.2	0.6	11.4	2.8	25	0.1	0.5	0.2
141047	545202	7044150	832	50	BROWN GREY			1.2	11.3	16.3	53 <0.1		14.1	7.4	582	2.64	8.2	0.4	3.9	1.5	12	0.2	0.6	0.2
141048	545201	7044100	823	35	BROWN			1.0	11.7	21.4	76 <0.1		14.0	6.0	434	2.18	5.5	0.6	16.3	2.3	33	0.3	0.5	0.1
141049	545203	7044050	814	30	RED BROWN			0.9	22.5	37.0	127	0.2	14.7	6.4	385	2.09	3.7	0.5	2.9	2.7	30	0.3	0.6	0.2
141050	545201	7044000	809	30	RED BROWN			2.6	9.6	34.5	59	0.1	24.1	5.2	208	2.26	12.6	0.4	16.6	2.1	15	0.3	0.6	0.1
141051	545201	7044000	809	30	RED BROWN			0.8	47.0	55.7	191	0.3	14.0	6.7	459	2.39	9.6	0.5	8.0	2.0	40	0.8	0.8	0.5
141052	545201	7044000	801	10	RED BROWN	SCREE SLOPE		0.9	49.1	54.9	192	0.4	15.6	6.9	414	2.46	10.2	0.5	18.4	2.2	38	0.8	0.8	0.5
141053	545301	7044048	860	45	RED BROWN			1.0	9.9	27.8	75 <0.1		12.1	4.9	526	1.95	7.4	0.3	17.4	2.4	79	0.5	0.7	0.2
141054	545303	7044100	869	35	RED BROWN			0.8	9.4	22.2	70	0.1	13.1	5.8	270	2.02	4.1	0.3	8.5	2.0	37	0.4	0.4	0.1
141055	545301	7044149	865	40	GREY BROWN			1.0	9.9	12.4	57 <0.1		16.9	9.7	720	2.42	5.3	0.3	3.9	2.5	35	0.3	0.5	0.2
141056	545301	7044149	865	40	GREY BROWN			0.7	8.4	11.6	53 <0.1		10.6	3.8	184	1.77	5.3	0.4	10.9	2.3	14	0.1	0.5	0.1
141058	545302	7044249	852	10	BROWN	UNDEVELOPED HORIZONS		0.4	5.5	4.1	19	0.1	3.0	0.9	82	0.38 <0.5		0.1	0.9 <0.1		14	0.5	0.2 <0.1	
141059	545301	7044300	838	20	GREY BROWN	UNDEVELOPED HORIZONS		1.6	22.4	45.6	72	0.2	18.9	6.5	368	2.27	6.9	1.2	13.8	0.5	14	0.3	0.6	0.2

Sample_ID	x_proj	y_proj	alt-m	Depth	Colour	Comments	Element	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
							DL	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPB	PPM	PPM	PPM	PPM	PPM
141060	545302	7044351	823	30	GREY BROWN			0.9	33.3	45.0	125	0.2	18.3	10.2	607	3.12	9.3	2.6	24.4	3.0	18	0.4	0.7	0.3
141061	545302	7044351	823	30	GREY BROWN			1.0	35.5	45.4	120	0.3	17.6	9.5	471	3.17	9.8	2.8	22.1	2.6	17	0.4	0.7	0.3
141062	545301	7044401	804	30	GREY BROWN	SEMI FROZEN		0.8	17.2	24.9	85 <0.1		15.0	10.3	476	2.54	5.9	1.1	13.3	3.6	18	0.2	0.7	0.2
141063	545301	7044449	783	30	GREY BROWN	SEMI FROZEN		0.9	14.8	24.4	71	0.1	12.7	6.6	318	2.23	6.6	0.9	6.8	1.3	22	0.2	0.7	0.1
141064	545302	7044499	760	40	GREY BROWN	FROZEN		0.7	16.0	46.3	103	0.2	15.6	11.6	831	2.35	5.6	1.0	15.9	2.3	31	0.3	0.5	0.2
141065	545303	7044549	747	20	GREY BROWN	SCREE SLOPE UNDEVELOPED		0.6	29.2	12.6	42	0.1	19.6	9.0	1183	2.39	4.5	1.0	7.7	2.9	158	0.2	0.7	0.2
141066	545302	7044598	772	20	RED BROWN	UNDEVELOPED HORIZONS		1.0	9.8	33.2	46	0.1	14.2	6.8	618	2.10	3.3	0.4	3.0	2.1	56	0.4	0.4	0.4
141068	545300	7044700	819	40	RED BROWN			0.9	18.8	24.6	49	0.6	22.1	10.1	545	2.70	8.2	1.8	28.9	4.2	63	0.1	0.7	0.7
141069	545301	7044751	833	30	RED GREY BROWN			0.9	17.5	28.0	52	0.2	22.2	9.9	360	2.71	8.5	1.6	67.2	3.7	45	0.1	0.8	0.9
141070	545302	7044800	840	15	GREY	UNDEVELOPED HORIZONS		0.6	8.3	10.8	34	0.3	6.1	3.2	519	1.19	1.3	0.2	10.3	1.2	22	0.3	0.4	0.5
141071	545302	7044800	840	15	GREY	UNDEVELOPED HORIZONS		1.2	10.8	16.9	40	0.4	12.3	4.1	730	1.18	1.3	0.2	6.9	0.8	29	0.5	0.5	0.5
141072	545301	7044851	852	20	GREY BROWN	UNDEVELOPED HORIZONS		0.8	21.2	38.0	63	1.1	17.8	9.2	1721	2.30	5.3	1.9	14.5	2.5	112	0.3	0.7	1.7
141073	545302	7044898	856	20	GREY			1.0	19.6	21.8	52	0.7	18.6	8.1	874	2.07	4.9	1.0	2.7	1.1	133	0.3	0.6	0.6
141074	545301	7044948	856	40	GREY			0.8	18.2	24.4	52	0.2	16.5	6.1	327	2.32	6.2	1.8	16.1	2.6	252	0.1	0.6	0.4
141075	545302	7044997	852	30	DARK GREY			0.6	24.0	17.5	51	0.4	14.7	5.1	280	1.44	3.4	1.8	10.2	1.2	538	0.3	0.6	0.2
141076	545301	7045049	845	35	GREY			1.2	20.7	24.9	45	0.2	15.7	4.5	144	2.24	4.8	1.4	4.6	2.4	60	0.3	0.5	0.2
141077	545302	7045098	850	50	RED BROWN			1.0	12.3	17.4	42	0.1	20.7	6.8	217	2.46	6.6	0.6	2.5	2.3	14 <0.1		0.7	0.5
141078	545601	7045099	930	40	GREY BROWN			0.9	10.1	10.9	39 <0.1		13.7	6.7	211	2.34	5.2	0.5	1.6	2.4	34 <0.1		0.3	0.2
141079	545602	7045049	928	30	GRE RED BROWN			1.3	19.3	15.8	50 <0.1		18.5	13.2	486	3.43	10.1	0.9	1.5	5.0	53 <0.1		0.4	0.2
141080	545602	7045000	926	40	GREY BROWN			0.9	8.8	16.7	35 <0.1		13.6	4.9	165	1.82	4.3	0.4	14.8	2.4	21 <0.1		0.3 <0.1	
141081	545602	7045000	926	40	GREY BROWN			0.8	9.0	14.9	35 <0.1		11.3	5.0	306	1.67	4.1	0.4	6.7	2.2	19 <0.1		0.3	0.1
141082	545602	7044952	925	50	GREY BROWN			1.1	19.7	15.0	51 <0.1		20.0	9.1	320	2.71	8.8	0.9	10.5	4.6	18 <0.1		0.6	0.2
141083	545600	7044897	922	40	RED GREY BROWN			1.2	20.4	41.5	59 <0.1		22.5	8.9	335	3.35	10.1	0.7	9.1	3.6	17	0.1	0.6	0.2
141084	545604	7044849	917	15	GREY BROWN	UNDEVELOPED HORIZONS		0.9	9.6	13.1	29 <0.1		9.7	5.1	220	1.69	4.4	0.4	2.2	1.8	17 <0.1		0.4	0.2
141085	545604	7044800	910	40	DARK BROWN			1.0	13.6	22.5	55 <0.1		16.5	6.8	315	2.49	7.8	0.5	4.1	3.1	23	0.1	0.7	0.2
141086	545602	7044748	898	15	RED BROWN	UNDEVELOPED HORIZONS		0.8	10.9	13.1	67 <0.1		17.3	7.7	371	2.57	5.4	0.4	5.0	2.4	26	0.1	0.5	0.2
141087	545602	7044698	870	40	BROWN			1.0	17.0	24.9	47	0.2	17.1	8.8	559	2.30	3.6	0.9	20.6	3.2	39	0.2	0.8	0.1
141088	545601	7044649	860	35	GREY	UNDEVELOPED HORIZONS		0.8	12.2	18.2	62	0.3	8.0	3.2	334	1.43	1.6	0.4	61.1	1.3	18	0.4	0.6	0.1
141089	545600	7044599	862	30	GREY BROWN	UNDEVELOPED HORIZONS		1.0	13.2	26.8	96 <0.1		11.3	6.8	571	2.52	4.9	0.3	5.8	1.5	19	0.5	0.5	0.2
141090	545602	7044551	864	50	GREY BROWN			1.0	8.2	14.2	47 <0.1		8.8	4.7	534	1.56	2.2	0.4	77.4	2.0	11	0.3	0.5	0.1
141091	545602	7044551	864	50	GREY BROWN			0.8	7.9	14.3	47	0.1	7.0	4.8	535	1.48	1.6	0.4	14.6	1.9	10	0.3	0.4	0.2
141092	545602	7044499	862	30	GREY RED BROWN	UNDEVELOPED HORIZONS		0.9	10.1	20.2	259	0.1	14.3	9.4	1122	2.25	2.7	0.4	26.5	2.9	20	1.3	0.4	0.2
141093	545601	7044450	851	15	RED BROWN	SCREE SLOPE UNDEVELOPED		0.9	10.5	17.1	89 <0.1		15.7	9.7	1114	2.42	5.1	0.4	49.2	2.4	46	0.6	0.6	0.2
141094	545601	7044400	848	40	DARK GREY BROWN	SEMI FROZEN		0.7	15.8	49.0	94	0.1	13.6	7.9	349	2.26	5.4	0.9	9.0	1.8	23	0.2	0.6	0.2
141096	545602	7044300	894	20	GREY BROWN	FROZEN		0.8	13.7	26.6	64	0.2	11.1	5.6	176	1.68	4.8	0.8	7.4	1.1	23	0.2	0.5	0.1
141097	545601	7044251	915	30	GREY BROWN	FROZEN		1.0	15.8	28.3	78 <0.1		15.1	7.4	371	2.33	9.3	0.9	13.6	3.0	18	0.2	0.6	0.2
141098	545602	7044200	930	30	BROWN	FROZEN		1.2	19.4	33.4	85	0.1	16.2	9.5	399	2.39	9.3	1.0	7.9	2.3	20	0.2	0.7	0.2
141099	545601	7044147	944	30	GREY BROWN			0.8	26.2	23.9	68	0.2	19.2	8.6	202	2.32	7.5	1.9	28.5	4.3	21	0.1	0.7	0.2
141100	545600	7044100		35	GREY BROWN	duplicate of 142101		0.7	24.2	27.3	78	0.1	17.3	8.8	279	2.79	10.2	1.3	11.0	3.1	23	0.2	0.7	0.2
141102	545104	7044048	767	40	Lt Brn			0.9	25.3	34.5	98	0.2	19.0	7.6	411	2.46	16.6	0.4	150.6	3.1	20	0.7	1.2	0.2
141103	545101	7044088	784	40	Lt Brn			0.9	18.4	42.6	86	0.2	17.7	7.7	216	2.50	11.9	0.5	31.0	3.6	34	0.5	1.0	0.2
141104	545099	7044149	791	30	Gr Brn			1.1	16.9	23.6	52	0.2	18.5	7.2	395	2.40	12.5	0.5	18.0	2.3	34	0.3	1.0	0.2
141105	545097	7044198	786	20	Brown			1.0	11.7	18.2	55	0.2	12.9	7.5	919	2.26	6.3	0.3	3.6	1.6	25	0.5	0.8	0.2
141106	545101	7044253		30	BROWN			1.4	20.6	42.1	83	0.2	18.4	7.7	546	2.42	8.4	0.8	19.2	2.8	29	0.4	0.7	0.2
141107	545101	7044300	788	30	Brown			1.3	18.9	34.4	92	0.1	17.2	7.1	288	2.99	11.3	0.6	6.6	2.7	18	0.3	0.6	0.2
141108	545102	7044350	782	30	Brown			1.0	20.3	23.7	55	0.3	13.4	5.5	215	2.23	6.8	1.0	11.8	2.7	25	0.1	0.5	0.2
141109	545100	7044399	769	40	Gr Brn			1.0	14.5	32.4	70 <0.1		16.4	9.9	650	2.60	9.1	0.7	14.2	2.3	17	0.2	0.6	0.2
141110	545102	7044454	744	30	Gr Brn			1.2	26.6	30.2	80	0.2	17.4	15.5	1349	2.80	9.6	1.5	19.7	1.4	36	0.3	0.7	0.2
141111	545101	7044503	721	20	Gr Brn			I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
141113	545100	7044601	723	0				0.7	18.2	76.5	53	0.1	19.2	9.9	429	2.41	7.6	1.2	71.7	3.9	55 <0.1		0.7	0.2
141114	545100	7044604		30	BROWN			0.8	21.5	76.4	58	0.1	21.7	10.8	406	2.82	8.9	1.3	22.7	4.2	72 <0.1		0.7	0.2
141115	545106	7044645	750	30	Brown			0.8	17.3	27.0	56 <0.1		20.6	11.5	499	2.93	9.5	0.8	8.1	4.0	82	0.1	0.7	0.3
141116	545101	7044701	770	30	Brown			0.9	20.6	254.4	55	0.2	20.4	11.6	837	2.81	8.6	1.6	22.0	3.7	85	0.1	0.9	0.3
141117	545106	7044758	784	40	Lt Brn			1.5	18.8	47.7	56	0.1	24.5	8.7	482	2.70	9.0	0.7	21.2	3.2	66 <0.1		0.8	0.2
141118	545103	7044812	792	40	Brown			1.0	16.4	15.4	52	0.1	17.3	8.9	493	2.65	7.6	1.0	6.6	2.7	77 <0.1		0.6	0.2
141119	545101	7044853	796	50	Gr Brn			0.7	12.6	14.4	49 <0.1		10.3	5.4	338	2.08	6.2	0.9	10.2	3.4	42 <0.1		1.0	0.1
141120	545103	7044905	789	40	Gr Brn	Very Dry		0.8	8.8	11.2	23													

Sample_ID	x_proj	y_proj	alt-m	Depth	Colour	Comments	Element	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
							DL	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPB	PPM	PPM	PPM	PPM	PPM
141124	545099	7045052	806	50	Rd Brn			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1
141125	545096	7045102	833	40	Rd Brn			0.9	16.3	13.5	40 <0.1		21.2	10.5	645	2.58	7.1	0.5	6.8	3.6	40	0.1	0.7	0.1
141126	545801	7045100	923	20	Rd Brn			0.7	10.4	9.7	40 <0.1		14.9	8.8	758	2.12	4.0	0.4	1.6	2.3	31 <0.1		0.4	0.1
141127	545801	7045049	932	30	Brown			0.7	51.6	10.0	82 <0.1		113.0	29.1	500	5.54	6.2	1.0	2.0	4.5	56 <0.1		0.3 <0.1	
141128	545801	7044949	928	30	Gr Brn			1.2	111.2	11.9	60	0.1	33.4	14.5	507	4.13	7.1	0.9	4.6	4.0	44 <0.1		0.5	0.1
141129	545801	7044949	928	30	Gr Brn			0.7	14.0	10.0	39 <0.1		15.3	6.4	259	1.93	5.4	0.5	7.3	2.8	20 <0.1		0.6 <0.1	
141129	545804	7044901	926	40	Lt Gr Brn			1.0	21.9	13.1	47 <0.1		14.8	6.4	202	2.49	8.3	1.2	9.7	4.0	16 <0.1		0.7	0.2
141130	545802	7044850	926	30	Gr Brn			0.6	19.0	11.8	39 <0.1		15.7	5.9	334	1.95	5.3	0.6	8.9	2.7	21 <0.1		0.6 <0.1	
141131	545804	7044800	924	35	Brown			0.4	15.7	11.8	34 <0.1		10.6	6.1	527	1.59	2.9	0.5	18.2	3.6	16 <0.1		0.5 <0.1	
141132	545802	7044750	921	40	Lt Brn			0.8	19.1	15.7	47 <0.1		16.7	7.6	264	2.65	6.1	0.6	18.9	2.5	23 <0.1		0.7	0.2
141133	545803	7044700	920	30	Rd Brn			1.2	14.7	15.7	52 <0.1		19.4	9.7	274	3.62	10.7	0.4	16.7	2.7	15	0.2	0.6	0.2
141134	545803	7044650	919	40	Lt Rd Brn			1.0	16.8	112.9	136 <0.1		16.2	8.6	231	3.08	7.7	0.7	97.6	3.7	13	0.3	1.0	0.2
141135	545801	7044601	919	0				1.1	11.5	23.4	48 <0.1		13.5	6.4	258	2.64	6.8	0.4	20.7	1.8	23	0.1	0.6	0.2
141136	545803	7044550	920	30	Lt Brn			1.0	13.5	33.4	98 <0.1		14.3	7.1	255	3.37	7.4	0.4	24.4	1.9	21	0.2	0.7	0.2
141137	545798	7044550	920	25	Lt Rd Brn	Duplicate		1.3	13.2	37.4	74 <0.1		16.3	7.7	239	3.66	10.1	0.3	19.1	2.1	14	0.2	0.7	0.2
141138	545802	7044500	925	20	Brown			1.2	13.5	22.0	73 <0.1		16.4	9.5	681	2.67	6.6	0.5	21.6	2.5	26	0.2	0.6	0.2
141140	545802	7044399	925	30	Gr Brn			0.7	17.9	27.9	91	0.1	17.4	8.1	347	2.59	6.2	1.0	12.0	3.1	42	0.2	0.7	0.2
141141	545800	7044351	926	30	Gr Brn			1.0	13.5	31.7	94 <0.1		17.7	9.2	467	2.64	5.2	1.0	24.8	3.2	68	0.2	0.7	0.2
141143	545800	7044252	953	25	Drk Brn			0.8	21.8	41.4	95	0.2	17.5	11.6	741	2.62	5.9	1.7	23.3	3.0	78	0.3	0.9	0.2
141144	545800	7044196	970	30	Drk Brn			0.8	18.1	71.7	144	0.2	15.8	8.7	223	3.05	8.2	1.0	26.8	4.1	36	0.2	1.0	0.2
141145	545801	7044150	962	0				1.1	25.3	47.0	107	0.2	22.4	8.4	400	3.28	11.7	0.9	18.1	2.6	40	0.3	0.8	0.2
141146	545801	7044103	971	20	Brown			1.1	22.6	44.0	94	0.1	19.5	9.9	370	3.08	9.4	0.7	20.8	2.0	25	0.4	0.7	0.2
141147	545803	7044048	984	20	Brown			0.7	24.4	118.6	242	0.1	19.6	8.6	350	2.70	6.4	0.8	13.8	2.9	30	0.6	0.6	0.2
141148	545799	7044001	988	20	Brown			0.6	30.0	29.1	82 <0.1		18.0	7.9	317	2.56	9.2	1.0	13.9	4.0	20	0.2	0.8	0.2
141149	545901	7043998	996	20	Brown			1.0	24.3	57.8	114 <0.1		23.0	10.6	340	3.16	9.8	0.7	54.5	2.9	19	0.3	0.7	0.3
141150	545899	7044050	996	30	Brown			0.7	25.3	51.3	95 <0.1		22.7	9.9	338	2.96	8.3	0.7	15.1	3.2	30	0.2	0.7	0.2
141151	545903	7044101	990	20	Brown			1.3	15.9	44.2	84 <0.1		16.9	7.8	292	3.11	9.7	0.5	16.9	2.3	22	0.3	0.6	0.2
141152	545903	7044148	982	20	Rd Brn			1.3	13.8	33.8	74 <0.1		13.5	6.3	272	2.98	9.4	0.5	28.2	3.0	13	0.2	0.7	0.2
141153	545901	7044200	974	20	Rd Brn			1.0	16.9	80.8	98 <0.1		16.3	9.0	287	3.53	8.4	0.7	25.7	4.6	18	0.2	0.7	0.2
141154	545900	7044250	968	20	Brown			0.8	25.5	43.8	116	0.1	18.6	14.0	624	3.61	7.5	1.4	23.7	4.0	28	0.3	1.0	0.1
141155	545900	7044250		20	Brown			0.9	30.4	43.5	125 <0.1		22.1	14.3	704	3.92	7.7	2.5	22.3	4.8	48	0.3	1.0	0.1
142001	545898	7045097	922	40	Dark brown			0.9	36.5	10.6	53	0.2	24.7	13.9	913	3.21	7.8	1.6	3.1	2.8	82	0.1	0.6	0.2
142005	545902	7044897	923	40	RED BROWN	qtz pebbles		0.7	12.6	11.6	30 <0.1		9.3	4.5	154	1.75	6.8	0.5	42.4	3.3	16 <0.1		0.5	0.2
142006	545901	7044849	926	40	GREY BROWN			1.1	20.9	14.9	46 <0.1		21.2	8.8	277	2.91	9.1	0.9	3.4	4.0	31 <0.1		0.6	0.2
142007	545902	7044799	926	30	GREY BROWN			0.4	18.8	16.6	40 <0.1		15.2	6.4	345	1.82	4.3	1.1	6.8	5.6	24 <0.1		0.6	0.1
142008	545901	7044749	926	30	GREY BROWN			0.7	18.4	21.1	45 <0.1		17.0	7.4	282	2.46	7.1	0.8	15.1	3.7	24 <0.1		0.5	0.2
142009	545901	7044749	926	30	GREY BROWN	duplicate		0.7	15.5	22.4	45 <0.1		15.9	7.4	277	2.30	6.8	0.7	9.2	3.0	22 <0.1		0.5	0.2
142010	545898	7044690	931	20	RED BROWN	edge of tr 5		1.0	15.0	23.0	47 <0.1		14.6	6.0	169	2.64	7.6	0.5	12.7	2.5	14	0.3	0.6	0.2
142011	545901	7044648	935	50	grey			1.0	34.0	17.1	76 <0.1		23.8	10.5	255	2.90	13.6	2.1	86.9	12.0	27 <0.1		1.1	0.2
142012	545900	7044600	939	30	RED BROWN			1.2	19.0	25.9	59 <0.1		18.3	7.7	280	2.86	8.2	0.6	9.5	3.1	23	0.1	0.6	0.2
142013	545903	7044547	942	55	GREY BROWN			1.0	19.8	28.5	59 <0.1		19.1	10.1	286	2.70	7.6	0.8	17.8	4.1	29 <0.1		0.6	0.2
142014	545900	7044499	943	30	RED BROWN			0.8	12.0	20.0	56 <0.1		14.7	6.2	189	2.38	6.1	0.5	17.7	2.9	28	0.2	0.5	0.2
142015	545902	7044451	949	20	RED BROWN	sub-outcrop		1.3	14.0	22.2	55 <0.1		14.7	5.9	233	3.05	9.1	0.4	11.7	2.6	10	0.2	0.7	0.2
142016	545899	7044400	950	20	GREY dark brown	mossy		0.7	26.9	29.2	79	0.2	19.8	8.7	326	2.49	6.0	1.8	9.2	3.8	49	0.2	0.7	0.2
142017	545900	7044347	954	20	GREY black	mossy		0.8	19.5	51.0	120	0.2	15.3	9.7	484	2.27	6.5	1.6	115.4	3.2	52	0.3	0.8	0.2
142101	545600	7044100		35	Gr Brn			0.8	27.1	26.4	82	0.2	19.5	9.0	273	3.01	11.2	1.3	14.3	3.4	21	0.2	0.7	0.2
142102	545601	7044051	965	30	GREY BROWN			1.0	27.0	29.5	82	0.2	19.8	10.3	430	2.51	8.5	1.0	36.3	3.0	30	0.3	0.7	0.2
142103	545602	7044001	974	60	GREY BROWN			0.9	34.6	20.0	83	0.1	24.4	8.9	323	2.87	8.5	1.5	12.1	4.0	42	0.1	0.7	0.2
142104	545703	7044001	982	30	RED BROWN			1.3	23.6	32.5	77 <0.1		20.6	9.1	288	3.21	10.4	0.7	28.9	3.8	17	0.1	0.6	0.2
142105	545702	7044049	976	30	BROWN BLACK			1.1	31.9	44.4	116	0.5	26.0	11.5	700	3.29	14.0	4.7	30.4	2.6	87	0.7	0.7	0.2
142106	545703	7044098	969	35	GREY BLACK BROWN			0.7	28.8	24.1	74	0.1	15.9	5.9	175	2.25	7.9	1.6	17.0	5.1	26	0.2	0.6	0.1
142107	545701	7044150	957	30	GREY BROWN			0.5	24.5	35.9	117	0.1	18.8	8.9	291	2.65	8.7	1.0	11.2	3.5	28	0.3	0.6	0.2
142112	545703	7044348	891	40	BLACK GREY BROWN	SEMI FROZN		0.8	16.8	34.9	102	0.1	16.8	9.6	641	2.59	5.8	0.9	6.1	3.0	59	0.3	0.7	0.2
142113	545702	7044398	886	20	RED BROWN			1.2	12.5	21.0	149	0.2	12.4	7.9	1436	2.08	2.6	0.3	4.3	1.4	33	1.3	0.4	0.1
142114	545700	7044451	902	30	RED BROWN			1.1	9.2	33.6	64 <0.1		8.8	3.9	519	1.65	2.6	0.3	12.6	1.7	29	0.3	0.4	0.1
142115	545701	7044500	908	40	GREY RED BROWN			1.1	15.4	15.6	73	0.1	16.3	7.4	392	2.82	6.7	0.4	6.4	1.3	40	0.2	0.5	0.2
142116	545699	7044551	910	20	GREY RED BROWN			1.2	23.0	54.0	89	0.3												

Sample_ID	x_proj	y_proj	alt-m	Depth	Colour	Comments	Element DL	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
								PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPB	PPM	PPM	PPM	PPM	PPM
142121	545701	7044749	915	25	RED BROWN			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1
142122	545701	7044799	924	50	RED GREY BROWN			1.4	13.4	12.6	60	0.1	14.2	10.8	1172	2.29	4.6	0.4	3.2	1.9	25	0.2	0.3	0.2
142123	545703	7044851	925	30	GREY			0.9	21.1	13.6	54 <0.1		22.7	9.6	241	3.11	9.0	0.5	5.1	3.5	19 <0.1		0.6	0.1
142150	545502	7044500	814	30	red brown	Duplicate		1.1	10.8	14.0	32 <0.1		8.9	3.2	96	1.74	6.2	0.5	4.2	2.3	14 <0.1		0.5	0.1
142151	545502	7044549	816	40	red brown			1.0	21.5	21.4	54 <0.1		18.4	8.6	419	2.50	6.7	0.8	10.1	1.3	19	0.2	0.4	0.2
142152	545503	7044601	819	40	dark brown			2.0	20.3	30.7	101 <0.1		24.3	8.9	545	2.91	6.5	0.8	26.5	3.2	46	0.4	0.7	0.1
142152	545503	7044601	819	40	dark brown			1.2	32.0	58.7	160 <0.1		20.4	9.8	602	2.75	8.1	0.8	26.5	3.8	33	0.3	0.7	0.2
142153	545497	7044649	845	30	red brown			0.9	19.5	20.3	78 <0.1		16.5	8.7	362	2.49	7.8	1.0	7.5	3.7	18	0.2	0.5	0.1
142155	545405	7044197	888	30	brown			1.0	30.2	32.2	84	0.2	19.4	8.2	295	2.98	9.0	1.3	8.1	1.9	22	0.2	0.4	0.2
142156	545405	7044249	874	40	Grey brown			1.1	21.5	27.3	83	0.1	17.7	10.9	443	2.49	6.9	1.2	10.0	2.7	18	0.2	0.4	0.2
142157	545402	7044301	857	-	-			1.0	19.9	42.7	94 <0.1		15.8	17.1	1057	2.52	8.2	0.9	38.0	3.5	19	0.2	0.5	0.2
142159	545401	7044401	819	30	brown			0.9	20.9	41.4	94	0.1	17.0	13.2	635	2.84	9.8	1.0	18.1	3.0	18	0.2	0.4	0.2
142160	545399	7044450	802	30	brown			0.9	14.7	31.1	88 <0.1		15.7	12.7	749	2.57	9.3	0.7	24.9	2.2	18 <0.1		0.6	0.2
142161	545402	7044450	802	30	brown	Duplicate		0.9	14.3	28.8	84 <0.1		16.9	11.3	634	2.55	8.9	0.7	25.2	2.1	17	0.1	0.5	0.2
142162	545403	7044499	780	40	light brown			0.9	14.0	24.0	56 <0.1		10.3	5.9	371	1.93	6.3	0.6	12.5	1.7	14	0.1	0.4	0.2
142163	545404	7044549	774	40	light brown			1.1	25.0	19.5	81 <0.1		20.4	9.2	801	2.41	3.9	0.5	6.1	3.2	96	0.4	0.5	0.1
142164	545395	7044591	796	30	red brown			0.6	12.8	15.0	52 <0.1		14.8	9.2	736	2.55	4.1	0.3	12.8	3.2	69	0.2	0.4	0.1
142165	545406	7044655	824	30	red brown			0.9	12.6	13.4	42	0.1	16.3	9.4	642	2.58	5.0	0.3	26.0	2.1	41	0.1	0.4	0.1
142166	545402	7044697	840	30	red brown			0.9	11.0	13.5	42	0.1	14.6	9.5	1230	2.21	2.4	0.3	4.9	2.1	27	0.2	0.3	0.1
142167	545403	7044749	855	40	red brown			1.0	15.8	15.2	55	0.2	15.0	11.0	1603	2.38	4.4	0.4	17.1	2.2	34	0.3	0.4	0.1
142168	545401	7044800	868	30	red brown			1.2	13.1	19.0	57	0.2	15.7	9.9	512	2.91	11.3	0.4	6.6	2.6	31	0.1	0.6	0.2
142169	545399	7044847	876	30	red brown			1.0	9.5	14.0	38	0.1	10.6	5.7	538	1.76	3.5	0.4	139.9	2.0	24 <0.1		0.5	0.1
142170	545401	7044904	882	40	red brown			1.1	8.7	10.4	41 <0.1		9.2	4.2	205	2.32	6.1	0.3	5.6	1.7	24 <0.1		0.5	0.2
142171	545399	7044950	881	30	grey			0.7	11.9	15.6	42 <0.1		10.0	4.1	201	1.84	5.7	0.6	16.7	3.6	23 <0.1		0.4	0.1
142172	545399	7044948	882	30	grey	Duplicate		0.6	12.7	15.5	46 <0.1		10.9	4.4	206	1.92	6.0	0.6	28.0	3.9	25	0.1	0.5	0.1
142173	545400	7045001	880	30	grey			0.7	9.6	11.9	43 <0.1		10.9	4.5	314	1.61	3.8	0.5	3.3	2.6	32 <0.1		0.3 <0.1	
142174	545406	7045048	878	30	grey			0.6	11.0	15.4	37 <0.1		9.6	3.9	162	1.42	3.3	0.4	3.6	2.2	37 <0.1		0.3 <0.1	
142175	545405	7045103	879	30	grey			0.9	15.0	13.6	46	0.2	12.0	5.5	345	2.01	3.5	0.5	1.3	2.2	27 <0.1		0.4	0.2
142176	545502	7043999	951	40	dark brown			1.4	13.8	13.3	58 <0.1		11.1	4.6	222	2.45	9.4	0.4	5.4	2.2	15	0.2	0.6	0.2
142177	545503	7044049	943	50	dark brown			1.0	11.7	17.8	45	0.1	9.1	3.6	127	2.05	6.2	0.4	6.0	2.1	11	0.2	0.6	0.2
142178	545502	7044099	936	35	red brown			0.6	16.3	21.9	77 <0.1		15.6	12.8	536	2.50	7.2	0.8	39.2	5.1	19	0.2	0.6	0.1
142179	545502	7044150	926	40	Grey brown			1.0	22.8	57.2	89 <0.1		20.2	13.6	618	2.85	8.6	0.8	25.2	3.6	24	0.2	0.6	0.2
142181	545502	7044249	898	30	dark brown			0.8	29.7	31.2	82	0.2	18.2	10.5	355	2.74	9.2	1.2	24.3	3.5	22	0.3	0.6	0.2
142182	545501	7044300	877	20	dark brown	permafrost		0.6	13.5	16.8	55	0.1	11.9	4.8	184	1.59	5.0	1.0	19.7	1.4	22	0.1	0.4	0.2
142183	545501	7044349	856	30	brown grey			0.6	12.6	25.3	69 <0.1		13.5	7.2	326	2.31	8.7	0.8	17.9	2.4	18	0.1	0.6	0.2
142184	545501	7044399	833	50	dark brown			0.7	16.3	35.6	78	0.2	14.3	10.6	570	2.74	8.3	1.2	211.1	2.4	20 <0.1		0.5	0.2
142185	545501	7044450	810	30	dark brown	no developed horizons		0.7	17.8	31.1	80	0.1	15.2	8.6	248	2.53	7.8	1.1	20.7	2.6	20	0.2	0.6	0.2
142186	545502	7044502	805	30	red brown			1.1	20.1	34.8	99	0.2	19.3	9.1	342	3.44	7.6	1.0	141.6	5.8	20	0.2	0.7	0.2
142187	545502	7044500	814	30	red brown	Duplicate		1.0	14.4	25.6	99	0.2	14.1	7.3	328	2.97	5.7	0.6	59.4	4.0	35	0.4	0.6	0.2
142188	545502	7044549	816	40	red brown			0.8	10.6	22.7	76 <0.1		13.7	8.3	377	2.44	4.0	0.3	5.0	2.4	35	0.3	0.6	0.2
142189	545503	7044601	819	40	dark brown			0.9	22.6	29.2	79	0.3	20.8	7.3	399	2.61	4.4	1.7	71.2	3.9	121	0.3	0.9	0.2
142190	545497	7044649	845	30	red brown			0.7	15.6	16.6	48 <0.1		18.5	8.3	486	2.38	5.1	0.7	55.9	3.1	65	0.2	0.6	0.1
142191	545502	7044699	869	35	red brown			0.9	15.2	11.6	61	0.2	21.2	11.6	1268	2.58	5.2	0.4	32.0	2.3	37	0.2	0.6	0.2
142192	545495	7044750	887	40	red brown			1.3	15.0	15.8	57	0.2	15.5	12.5	1418	2.77	7.6	0.5	7.2	2.8	25	0.2	0.7	0.2
142193	545500	7044802	897	40	brown			1.1	23.6	17.8	57	0.2	19.0	10.4	2121	2.90	7.3	1.6	6.6	3.3	67	0.2	0.6	0.2
142194	545501	7044852	906	30	red brown			1.1	14.8	13.9	48 <0.1		14.5	6.5	509	2.31	7.2	0.6	19.2	3.0	33 <0.1		0.6	0.2
142195	545501	7044898	908	30	red brown	no developed horizons		0.6	9.0	8.9	38 <0.1		6.7	2.9	160	1.56	5.7	0.5	9.1	2.2	17 <0.1		0.5	0.1
142196	545506	7044950	909	30	light brown			1.0	11.3	13.2	35 <0.1		10.1	3.9	151	2.07	6.4	0.5	8.4	2.9	13 <0.1		0.5	0.2
142197	545500	7044998	909	40	dark brown			1.1	25.8	40.4	50	0.2	18.7	8.5	1585	1.93	4.4	2.2	6.5	4.1	94	0.4	0.4	0.2
142198	545502	7044995	910	35	dark brown	Duplicate		0.5	8.0	16.8	34 <0.1		9.1	2.6	342	1.03	2.3	0.8	9.6	2.4	22 <0.1		0.3 <0.1	
142199	545504	7045053	909	30	grey			0.7	5.5	9.3	20 <0.1		4.9	1.6	103	0.95	2.3	0.3	4.8	1.8	13 <0.1		0.3	0.2
142200	545502	7045100	910	30	grey			1.1	7.7	12.0	43 <0.1		8.7	4.1	175	2.27	6.1	0.3	8.2	2.3	14	0.1	0.5	0.2
142201	545701	7045099	938	30	red brown			1.5	21.3	11.2	54 <0.1		27.0	10.9	318	3.64	7.7	0.6	1.1	6.5	16 <0.1		0.4	0.2
142202	545704	7045050	934	40	brown			1.2	13.5	12.0	41 <0.1		18.9	9.7	309	2.73	5.7	0.7 <0.5		3.5	49 <0.1		0.4	0.2
142203	545701	7044977	929	30	red brown			1.3	11.0	20.2	42 <0.1		13.0	6.1	209	2.56	7.9	0.5	1.3	3.2	25	0.2	0.4	0.2
142204	545703	7044977	930	30	red brown	duplicate		1.5	10.8	24.0	43 <0.1		13.5	5.8	167	2.68	8.5	0.5	2.1	3.1	26	0.2	0.4	0.2
142205	545700	7044949	928	30	red brown			1.4	12.0	15.2	33 <0.1		8.6	4.0	140	2.23	7.2	0.4	14.4	1.9	15</			

Table 2
Soils results

Sample_ID	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
	2	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM
141001	69	0.33	0.034	8	16	0.46	164	0.093	2	1.52	0.019	0.06	0.1	0.03	3.4	0.1	<0.05	8	<0.5	0.2
141002	56	0.93	0.065	14	30	0.64	212	0.083	2	1.38	0.029	0.08	0.2	0.05	5.5	<0.1	0.08	4	1.4	<0.2
141003	51	0.65	0.022	11	31	0.40	247	0.053	3	1.53	0.020	0.09	0.1	0.04	4.2	<0.1	<0.05	4	<0.5	<0.2
141004	36	0.19	0.016	10	20	0.28	120	0.026	1	1.31	0.010	0.06	<0.1	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
141005	47	0.28	0.034	14	29	0.35	194	0.038	2	1.59	0.013	0.09	0.1	0.04	4.1	<0.1	<0.05	5	0.6	0.2
141006	67	0.19	0.035	12	30	0.39	164	0.052	<1	1.36	0.015	0.09	0.2	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
141007	62	0.15	0.027	10	30	0.40	149	0.056	1	2.01	0.011	0.12	0.1	0.02	3.2	<0.1	<0.05	6	<0.5	<0.2
141008	62	0.16	0.026	9	22	0.27	173	0.069	<1	1.31	0.010	0.09	0.1	0.02	2.2	<0.1	<0.05	6	<0.5	<0.2
141009	52	0.16	0.023	8	24	0.33	215	0.049	<1	1.58	0.009	0.06	<0.1	0.03	2.5	<0.1	<0.05	5	<0.5	<0.2
141010	64	0.10	0.042	8	25	0.28	136	0.057	<1	1.67	0.010	0.05	0.1	0.02	2.4	<0.1	<0.05	7	<0.5	0.4
141011	62	0.11	0.034	9	23	0.28	147	0.060	1	1.68	0.012	0.05	0.1	0.02	2.6	<0.1	<0.05	7	0.6	<0.2
141013	44	0.12	0.017	6	19	0.13	133	0.048	1	0.79	0.013	0.05	0.1	0.02	1.7	<0.1	<0.05	5	<0.5	<0.2
141014	59	0.59	0.039	11	33	0.40	365	0.072	2	1.89	0.019	0.12	0.1	0.03	4.5	<0.1	<0.05	5	<0.5	<0.2
141015	60	0.49	0.030	11	29	0.42	437	0.049	1	1.82	0.016	0.06	0.2	0.02	4.0	<0.1	<0.05	5	0.5	<0.2
141016	55	0.37	0.025	9	29	0.44	327	0.060	<1	1.53	0.015	0.05	0.1	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
141017	56	0.39	0.016	10	31	0.45	422	0.065	1	1.61	0.016	0.06	0.2	0.01	3.4	<0.1	<0.05	5	<0.5	<0.2
141018	46	0.61	0.051	12	28	0.41	474	0.044	1	1.23	0.018	0.06	0.2	0.04	4.8	<0.1	<0.05	3	0.7	<0.2
141019	49	0.40	0.039	11	24	0.34	632	0.021	2	1.49	0.012	0.13	0.1	0.02	3.9	<0.1	<0.05	4	0.5	<0.2
141020	43	0.34	0.029	9	35	0.26	438	0.028	1	0.95	0.009	0.09	0.2	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
141021	44	0.30	0.026	9	35	0.30	424	0.030	<1	1.07	0.010	0.08	0.2	0.01	2.7	<0.1	<0.05	4	<0.5	<0.2
141022	52	0.23	0.043	19	27	0.32	949	0.022	1	2.15	0.009	0.06	0.1	0.06	5.4	<0.1	<0.05	5	0.7	<0.2
141023	59	0.51	0.016	8	29	0.34	752	0.025	1	1.70	0.010	0.04	0.1	0.01	3.5	<0.1	<0.05	5	<0.5	<0.2
141024	34	0.38	0.021	8	18	0.18	569	0.012	2	1.04	0.008	0.11	<0.1	0.03	3.4	<0.1	<0.05	3	<0.5	<0.2
141025	61	0.20	0.014	8	30	0.35	527	0.046	1	1.73	0.010	0.06	0.1	<0.01	3.2	<0.1	<0.05	5	<0.5	<0.2
141026	51	0.39	0.019	11	45	0.33	657	0.037	2	1.27	0.010	0.07	0.2	<0.01	2.6	<0.1	<0.05	4	0.7	<0.2
141028	44	0.38	0.020	8	23	0.40	431	0.033	1	1.27	0.010	0.06	0.1	0.01	2.4	<0.1	<0.05	4	<0.5	<0.2
141029	56	0.28	0.025	10	38	0.44	312	0.069	1	1.57	0.013	0.09	0.1	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
141030	57	0.25	0.014	9	31	0.37	325	0.038	1	1.66	0.011	0.05	0.1	0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
141031	57	0.25	0.016	8	29	0.39	328	0.036	1	1.59	0.012	0.05	0.1	<0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
141032	65	0.24	0.025	7	25	0.35	244	0.058	<1	1.34	0.007	0.09	0.1	0.01	2.1	<0.1	<0.05	5	0.5	<0.2
141033	48	0.72	0.060	20	38	0.30	975	0.015	2	2.17	0.013	0.11	0.1	0.08	8.9	<0.1	<0.05	5	<0.5	<0.2
141034	53	0.40	0.027	10	26	0.42	429	0.040	2	1.58	0.011	0.11	<0.1	0.02	4.4	<0.1	<0.05	5	<0.5	<0.2
141035	55	0.36	0.034	9	25	0.36	425	0.046	2	1.38	0.012	0.14	0.1	0.01	2.6	<0.1	<0.05	5	0.7	<0.2
141036	55	0.58	0.047	9	28	0.38	467	0.057	2	1.68	0.019	0.12	0.1	0.01	4.3	<0.1	<0.05	5	<0.5	<0.2
141040	16	0.38	0.132	12	20	0.13	303	0.017	2	1.02	0.016	0.04	<0.1	0.12	2.2	<0.1	0.13	3	0.9	<0.2
141041	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
141042	57	0.20	0.037	13	29	0.37	165	0.068	2	1.41	0.010	0.06	0.2	0.03	2.9	<0.1	<0.05	5	<0.5	<0.2
141043	53	0.24	0.037	11	25	0.31	240	0.054	2	1.51	0.014	0.05	0.2	0.02	2.9	<0.1	<0.05	5	0.6	<0.2
141044	42	0.14	0.021	9	22	0.27	153	0.043	1	1.31	0.007	0.04	0.1	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
141045	58	0.20	0.029	10	25	0.38	195	0.057	1	1.79	0.008	0.07	0.1	0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
141046	67	0.10	0.036	8	28	0.33	139	0.056	1	1.60	0.008	0.05	0.1	0.02	2.2	<0.1	<0.05	6	<0.5	<0.2
141047	56	0.24	0.024	11	24	0.29	150	0.049	1	1.35	0.009	0.06	<0.1	0.02	2.5	<0.1	<0.05	5	<0.5	<0.2
141048	53	0.21	0.016	11	23	0.34	171	0.039	1	1.42	0.011	0.08	<0.1	0.02	2.2	<0.1	<0.05	5	<0.5	<0.2
141049	48	0.10	0.020	10	36	0.28	118	0.044	<1	1.08	0.007	0.09	0.1	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
141050	58	0.21	0.017	8	21	0.29	181	0.040	2	1.37	0.010	0.05	<0.1	0.01	2.4	<0.1	<0.05	5	<0.5	<0.2
141051	57	0.20	0.017	8	23	0.31	175	0.039	<1	1.47	0.010	0.05	<0.1	0.01	2.5	<0.1	<0.05	5	0.6	<0.2
141052	53	0.51	0.019	8	19	0.19	200	0.031	2	1.04	0.012	0.04	<0.1	0.02	1.7	<0.1	<0.05	5	<0.5	<0.2
141053	54	0.29	0.016	9	22	0.30	261	0.033	<1	1.44	0.010	0.07	0.1	0.01	2.0	<0.1	<0.05	5	<0.5	<0.2
141054	61	0.31	0.020	9	29	0.39	365	0.058	<1	1.60	0.012	0.07	0.1	<0.01	2.2	<0.1	<0.05	5	<0.5	<0.2
141055	39	0.08	0.022	7	17	0.23	146	0.018	1	1.17	0.008	0.03	0.1	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
141056	14	0.10	0.034	2	7	0.04	79	0.009	2	0.17	0.013	0.03	<0.1	0.04	0.4	<0.1	<0.05	1	<0.5	<0.2
141058	52	0.08	0.062	9	31	0.26	202	0.025	1	1.65	0.012	0.05	0.1	0.05	2.0	<0.1	0.05	6	0.6	<0.2
141059	41	0.10	0.026	8	18	0.19	137	0.036	<1	1.16	0.009	0.04	<0.1	0.02	1.8	<0.1	<0.05	6	<0.5	<0.2

Sample_ID	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	2	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM
141060	61	0.14	0.051	13	34	0.43	248	0.035	1	2.01	0.008	0.06	0.1	0.07	4.9 <0.1		0.06	6	0.8	0.2
141061	64	0.11	0.061	13	35	0.43	253	0.036	2	2.23	0.009	0.05	0.2	0.08	5.3	0.1	0.06	7	0.9 <0.2	
141062	51	0.16	0.051	12	27	0.41	171	0.047	1	1.46	0.008	0.06	0.1	0.03	3.6 <0.1	<0.05		5	0.6 <0.2	
141063	52	0.17	0.063	10	22	0.29	159	0.033	1	1.17	0.009	0.05	0.2	0.05	3.3 <0.1		0.07	5	0.7 <0.2	
141064	49	0.26	0.057	11	25	0.41	194	0.043	1	1.36	0.011	0.05	0.2	0.05	3.6 <0.1	<0.05		4	0.6 <0.2	
141065	49	0.75	0.021	11	24	0.32	681	0.043	2	1.52	0.019	0.06	0.1	0.03	4.8 <0.1	<0.05		4	0.6 <0.2	
141066	44	0.52	0.030	8	21	0.27	397	0.027	2	1.36	0.013	0.14 <0.1		0.02	2.6 <0.1	<0.05		4 <0.5	<0.2	
141068	49	0.50	0.029	13	28	0.40	446	0.030	2	1.56	0.012	0.12	0.2	0.03	5.5 <0.1	<0.05		5	0.7 <0.2	
141069	57	0.33	0.020	12	31	0.45	416	0.031	1	1.71	0.009	0.07	0.1	0.02	4.1 <0.1	<0.05		5	0.5 <0.2	
141070	37	0.11	0.017	6	11	0.08	220	0.037	1	0.50	0.011	0.05 <0.1		0.01	1.1 <0.1	<0.05		3 <0.5	<0.2	
141071	34	0.13	0.022	6	20	0.08	317	0.034	1	0.52	0.012	0.05 <0.1		0.02	1.1 <0.1	<0.05		3 <0.5	<0.2	
141072	43	0.38	0.038	14	24	0.23	1012	0.014	1	1.70	0.008	0.12 <0.1		0.04	5.8	0.1 <0.05		5 <0.5	<0.2	
141073	50	0.34	0.042	10	26	0.28	914	0.025	1	1.55	0.009	0.08	0.1	0.03	3.1	0.1 <0.05		5	0.5 <0.2	
141074	48	0.48	0.029	10	24	0.44	746	0.026	1	1.50	0.012	0.09	0.2	0.02	3.6 <0.1	<0.05		5 <0.5	<0.2	
141075	22	1.24	0.067	5	16	0.22	1870	0.005	2	1.38	0.010	0.10 <0.1		0.11	4.0 <0.1	0.11		4	0.7 <0.2	
141076	42	0.18	0.028	10	24	0.25	819	0.007	1	1.70	0.010	0.13	0.1	0.03	3.2 <0.1	<0.05		5 <0.5	<0.2	
141077	57	0.09	0.015	7	31	0.31	310	0.029 <1		1.90	0.008	0.05	0.1	0.01	2.3	0.1 <0.05		6 <0.5	<0.2	
141078	66	0.25	0.023	9	26	0.40	187	0.060	1	1.59	0.012	0.05	0.2	0.02	2.4	0.1 <0.05		7 <0.5	<0.2	
141079	61	0.35	0.041	15	29	0.37	438	0.019	1	1.61	0.010	0.10 <0.1		0.02	5.0	0.1 <0.05		5 <0.5	<0.2	
141080	41	0.16	0.012	9	21	0.36	371	0.037	1	1.14	0.007	0.05	0.1	0.01	1.7 <0.1	<0.05		4 <0.5	<0.2	
141081	39	0.15	0.011	9	19	0.34	304	0.042	1	1.12	0.010	0.06 <0.1		0.02	1.7 <0.1	<0.05		4 <0.5	<0.2	
141082	58	0.13	0.015	11	33	0.49	421	0.061	2	1.91	0.014	0.06	0.2	0.03	3.6 <0.1	<0.05		5	0.5 <0.2	
141083	62	0.13	0.022	9	34	0.46	410	0.029	2	2.48	0.009	0.07	0.1	0.02	3.1 <0.1	<0.05		6	0.5 <0.2	
141084	46	0.13	0.022	8	18	0.21	349	0.046	1	1.17	0.011	0.04 <0.1		0.01	1.7 <0.1	<0.05		5 <0.5	<0.2	
141085	55	0.19	0.035	10	25	0.32	344	0.035	2	1.67	0.009	0.06	0.1	0.02	2.5 <0.1	<0.05		5 <0.5	<0.2	
141086	63	0.20	0.022	10	27	0.38	531	0.054	1	1.69	0.009	0.06 <0.1		0.01	2.4 <0.1	<0.05		5 <0.5	<0.2	
141087	47	0.30	0.019	16	23	0.28	694	0.032	2	1.43	0.014	0.10	0.1	0.02	4.2 <0.1	<0.05		5 <0.5	<0.2	
141088	43	0.14	0.029	9	14	0.10	342	0.021	2	0.93	0.012	0.06 <0.1		0.02	1.9 <0.1	<0.05		5 <0.5	<0.2	
141089	68	0.15	0.028	8	22	0.28	292	0.046	1	1.45	0.009	0.06	0.1	0.01	2.4 <0.1	<0.05		6 <0.5	<0.2	
141090	44	0.09	0.021	11	15	0.16	165	0.050	1	0.68	0.012	0.08 <0.1	<0.01		1.6 <0.1	<0.05		4 <0.5	<0.2	
141091	41	0.08	0.019	10	14	0.15	141	0.051	1	0.71	0.011	0.07	0.1	0.01	1.5 <0.1	<0.05		4 <0.5	<0.2	
141092	53	0.17	0.017	10	23	0.29	466	0.046	1	1.49	0.013	0.07	0.1 <0.01		2.3 <0.1	<0.05		5 <0.5	<0.2	
141093	50	0.32	0.024	8	25	0.29	662	0.023 <1		1.48	0.013	0.07	0.1	0.03	2.2 <0.1	<0.05		5 <0.5	<0.2	
141094	47	0.22	0.045	9	25	0.40	195	0.028 <1		1.57	0.012	0.05	0.2	0.06	3.2 <0.1	<0.05		5 <0.5	<0.2	
141096	34	0.21	0.055	9	21	0.23	167	0.023 <1		1.14	0.013	0.04	0.1	0.07	2.3 <0.1		0.07	4 <0.5	<0.2	
141097	53	0.17	0.035	10	28	0.38	144	0.036 <1		1.41	0.011	0.04	0.1	0.03	2.6 <0.1	<0.05		5 <0.5	<0.2	
141098	54	0.16	0.043	10	31	0.34	173	0.037 <1		1.45	0.011	0.05	0.1	0.03	2.7 <0.1	<0.05		5 <0.5	<0.2	
141099	50	0.22	0.038	14	28	0.42	285	0.038 <1		1.62	0.011	0.04	0.2	0.04	3.8 <0.1	<0.05		5 <0.5	<0.2	
141100	53	0.25	0.050	12	29	0.41	241	0.031 <1		1.56	0.012	0.05	0.2	0.05	3.1 <0.1	<0.05		5 <0.5	<0.2	
141102	54	0.13	0.011	7	28	0.38	169	0.038 <1		1.46	0.011	0.05	0.1	0.03	2.3 <0.1	<0.05		4 <0.5	<0.2	
141103	55	0.25	0.011	9	29	0.39	179	0.038 <1		1.51	0.011	0.06 <0.1		0.01	2.9 <0.1	<0.05		4 <0.5	<0.2	
141104	55	0.22	0.016	8	28	0.38	220	0.038 <1		1.47	0.013	0.09	0.1	0.02	2.3 <0.1	<0.05		5 <0.5	<0.2	
141105	51	0.16	0.025	7	21	0.24	174	0.034 <1		1.12	0.011	0.10	0.1	0.01	1.5 <0.1	<0.05		5 <0.5	<0.2	
141106	53	0.22	0.032	9	32	0.39	196	0.035 <1		1.52	0.012	0.07	0.2	0.02	2.4 <0.1	<0.05		5 <0.5	<0.2	
141107	73	0.15	0.027	9	32	0.43	240	0.046 <1		1.94	0.011	0.05	0.1	0.03	3.0 <0.1	<0.05		7 <0.5	<0.2	
141108	51	0.18	0.031	11	25	0.27	221	0.035 <1		1.51	0.012	0.04	0.1	0.03	3.3 <0.1	<0.05		6 <0.5	<0.2	
141109	59	0.13	0.042	9	30	0.40	144	0.037 <1		1.80	0.010	0.05	0.2	0.03	2.6 <0.1	<0.05		6 <0.5	<0.2	
141110	55	0.27	0.063	9	31	0.36	204	0.025 <1		1.63	0.012	0.05	0.1	0.05	3.1 <0.1	<0.05		5 <0.5	<0.2	
141111	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
141113	51	0.34	0.020	12	30	0.36	365	0.042 <1		1.38	0.015	0.06	0.1	0.03	4.9 <0.1	<0.05		5 <0.5	<0.2	
141114	60	0.46	0.024	14	33	0.43	445	0.049 <1		1.74	0.017	0.06	0.1	0.03	5.8 <0.1	<0.05		5 <0.5	<0.2	
141115	56	0.57	0.023	9	34	0.48	416	0.061	1	1.79	0.014	0.14	0.1	0.02	4.7 <0.1	<0.05		5	0.5 <0.2	
141116	57	0.54	0.030	12	31	0.38	711	0.035 <1		1.78	0.016	0.07	0.1	0.03	4.9 <0.1	<0.05		5	0.5 <0.2	
141117	56	0.35	0.021	9	40	0.44	376	0.046 <1		1.70	0.014	0.06	0.1	0.02	3.6 <0.1	<0.05		5 <0.5	<0.2	
141118	60	0.43	0.026	10	32	0.45	424	0.042 <1		1.67	0.019	0.05 <0.1		0.03	3.6 <0.1	<0.05		5 <0.5	<0.2	
141119	37	0.18	0.029	8	16	0.22	279	0.015 <1		1.01	0.012	0.07 <0.1		0.02	2.4 <0.1	<0.05		3 <0.5	<0.2	
141120	39	0.12	0.024	7	15	0.15	181	0.039 <1		0.74	0.010	0.09	0.1	0.02	1.4 <0.1	<0.05		4 <0.5	<0.2	
141121	52	0.16	0.027	7	19	0.22	229	0.040 <1		0.97	0.010	0.11	0.2	0.02	1.7 <0.1	<0.05		5 <0.5	<0.2	
141122	51	0.23	0.023	7	24	0.33	237	0.038 <1		1.23	0.012	0.06	0.1	0.02	2.2 <0.1	<0.05		5 <0.5	<0.2	
141123	34	0.17	0.027	7	15	0.13	153	0.027 <1		0.72	0.010	0.05 <0.1		0.01	0.6 <0.1	<0.05		4 <0.5	<0.2	

Sample_ID	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	2	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM
141124	56	0.25	0.010	11	35	0.38	632	0.062 <1		1.55	0.014	0.09 <0.1		0.02	4.6 <0.1	<0.05		5 <0.5	<0.2	
141125	53	0.23	0.021	8	25	0.37	682	0.035 <1		1.45	0.012	0.08	0.3	0.01	2.3 <0.1	<0.05		5 <0.5	<0.2	
141126	124	0.45	0.043	15	157	1.80	323	0.168 <1		2.62	0.009	0.10 <0.1		0.01	8.7	0.1 <0.05		10	0.6 <0.2	
141127	94	0.34	0.039	13	54	0.61	400	0.046 <1		1.94	0.016	0.06 <0.1		0.02	7.6 <0.1	<0.05		7 <0.5	<0.2	
141128	40	0.14	0.014	7	23	0.38	312	0.039 <1		1.30	0.010	0.04 <0.1		0.01	2.0 <0.1	<0.05		4 <0.5	<0.2	
141129	61	0.14	0.020	15	33	0.42	614	0.043 <1		1.94	0.012	0.03	0.1	0.04	4.3 <0.1	<0.05		6 <0.5	<0.2	
141130	39	0.20	0.035	10	23	0.37	279	0.048 <1		1.22	0.013	0.04	0.1	0.02	2.3 <0.1	<0.05		4 <0.5	<0.2	
141131	29	0.13	0.016	9	16	0.20	280	0.052 <1		0.79	0.017	0.04 <0.1		0.01	2.2 <0.1	<0.05		3 <0.5	<0.2	
141132	54	0.19	0.016	14	31	0.40	321	0.035	2	1.63	0.010	0.04 <0.1		0.03	4.5 <0.1	<0.05		5 <0.5	<0.2	
141133	70	0.13	0.022	7	36	0.46	273	0.053	2	2.40	0.007	0.04	0.1	0.02	2.9 <0.1	<0.05		7 <0.5	<0.2	
141134	43	0.08	0.026	11	22	0.21	358	0.008	2	1.69	0.005	0.05 <0.1		0.02	4.0 <0.1	<0.05		5	0.5 <0.2	
141135	64	0.20	0.024	9	26	0.35	221	0.040	1	1.53	0.009	0.04	0.1	0.01	2.3 <0.1	<0.05		6 <0.5	<0.2	
141136	71	0.19	0.041	7	31	0.43	136	0.041	1	1.97	0.007	0.06	0.1	0.01	3.2 <0.1	0.06		6 <0.5	<0.2	
141137	73	0.14	0.032	7	33	0.45	124	0.044	1	2.27	0.006	0.05	0.1	0.02	2.7 <0.1	<0.05		6 <0.5	<0.2	
141138	68	0.21	0.043	10	31	0.38	452	0.037	1	1.75	0.009	0.05	0.2	0.03	2.9 <0.1	<0.05		6 <0.5	<0.2	
141140	59	0.40	0.040	11	28	0.47	361	0.040	2	1.75	0.008	0.04	0.1	0.03	3.6 <0.1	<0.05		5 <0.5	<0.2	
141141	62	0.45	0.034	11	31	0.45	272	0.043	2	1.41	0.010	0.06	0.2	0.03	3.6 <0.1	<0.05		5 <0.5	<0.2	
141143	54	0.68	0.056	15	27	0.39	422	0.030	1	1.64	0.010	0.06	0.1	0.08	5.2 <0.1	0.08		5	0.7 <0.2	
141144	54	0.35	0.046	11	27	0.42	307	0.031	2	1.72	0.009	0.05	0.1	0.06	4.7 <0.1	<0.05		5 <0.5	<0.2	
141145	64	0.35	0.044	11	36	0.49	308	0.047	2	2.15	0.009	0.09	0.1	0.05	4.3 <0.1	<0.05		7 <0.5	<0.2	
141146	62	0.25	0.048	11	33	0.44	257	0.048	2	1.96	0.010	0.05	0.1	0.03	3.3 <0.1	<0.05		6	0.5 <0.2	
141147	58	0.31	0.043	13	32	0.49	249	0.052 <1		1.65	0.013	0.04	0.1	0.05	3.8 <0.1	<0.05		5 <0.5	<0.2	
141148	49	0.22	0.045	16	24	0.40	219	0.040	1	1.30	0.008	0.05 <0.1		0.02	3.9 <0.1	<0.05		4 <0.5	<0.2	
141149	66	0.19	0.033	11	36	0.52	251	0.059	2	2.06	0.011	0.05	0.1	0.02	3.6 <0.1	<0.05		6 <0.5	<0.2	
141150	65	0.27	0.030	13	38	0.55	346	0.061	1	1.90	0.013	0.04	0.1	0.03	4.5 <0.1	<0.05		5 <0.5	<0.2	
141151	70	0.18	0.044	9	30	0.43	223	0.053	1	1.98	0.009	0.05	0.1	0.03	3.3 <0.1	<0.05		7 <0.5	<0.2	
141152	73	0.13	0.046	14	23	0.33	98	0.065 <1		1.53	0.006	0.08	0.2	0.01	2.8 <0.1	<0.05		7 <0.5	<0.2	
141153	68	0.15	0.030	15	30	0.39	180	0.026	1	1.95	0.007	0.05	0.1	0.02	3.6	0.1 <0.05		7 <0.5	<0.2	
141154	77	0.25	0.049	16	27	0.56	264	0.035	2	1.81	0.008	0.08	0.2	0.03	5.9 <0.1	<0.05		6 <0.5	<0.2	
141155	79	0.38	0.065	21	32	0.64	396	0.039	1	1.78	0.009	0.08	0.2	0.05	9.4	0.1 <0.05		6	0.5 <0.2	
142001	73	0.79	0.036	12	36	0.69	519	0.060	1	1.97	0.023	0.05	0.1	0.04	5.2 <0.1	<0.05		6 <0.5	<0.2	
142005	33	0.06	0.017	10	14	0.16	160	0.030	2	0.92	0.006	0.05 <0.1	<0.01		1.6 <0.1	<0.05		3 <0.5	<0.2	
142006	65	0.22	0.016	16	35	0.50	601	0.063	2	2.26	0.013	0.04	0.2	0.02	4.1 <0.1	<0.05		6 <0.5	<0.2	
142007	36	0.17	0.019	16	19	0.32	612	0.063	1	1.11	0.011	0.05	0.1	0.02	2.9 <0.1	<0.05		3 <0.5	<0.2	
142008	54	0.23	0.023	15	29	0.43	476	0.060 <1		1.69	0.012	0.04 <0.1		0.04	4.3 <0.1	<0.05		5 <0.5	<0.2	
142009	50	0.20	0.023	14	26	0.38	411	0.058 <1		1.60	0.011	0.04	0.1	0.03	3.4 <0.1	<0.05		5 <0.5	<0.2	
142010	68	0.08	0.033	10	26	0.26	177	0.064	1	1.89	0.008	0.04	0.1	0.03	2.3 <0.1	<0.05		7 <0.5	<0.2	
142011	34	0.25	0.036	37	20	0.36	265	0.024	1	1.53	0.008	0.11	0.1	0.03	4.8 <0.1	<0.05		4	0.5	0.2
142012	71	0.20	0.023	11	30	0.43	197	0.076 <1		1.88	0.009	0.04	0.1	0.03	3.1 <0.1	<0.05		6 <0.5		0.2
142013	60	0.28	0.020	13	32	0.49	271	0.073 <1		1.86	0.012	0.04	0.2	0.02	4.5 <0.1	<0.05		5 <0.5	<0.2	
142014	62	0.23	0.020	12	26	0.42	195	0.055	1	1.78	0.008	0.04	0.1	0.02	2.6 <0.1	<0.05		5 <0.5	<0.2	
142015	75	0.07	0.027	9	27	0.31	106	0.062	1	1.91	0.007	0.04	0.2	0.02	2.5 <0.1	<0.05		7 <0.5		0.5
142016	58	0.42	0.039	14	31	0.47	408	0.060	1	1.94	0.014	0.05	0.2	0.07	5.1 <0.1	<0.05		5	0.5 <0.2	
142017	58	0.35	0.045	12	26	0.40	310	0.064	2	1.57	0.014	0.06	0.3	0.05	3.6 <0.1	<0.05		5 <0.5	<0.2	
142101	59	0.26	0.051	14	32	0.39	261	0.044	2	1.76	0.011	0.05	0.2	0.05	3.9 <0.1	<0.05		5	0.6 <0.2	
142102	51	0.30	0.049	11	31	0.40	244	0.048 <1		1.59	0.012	0.05	0.2	0.05	3.6 <0.1	<0.05		5	0.6 <0.2	
142103	55	0.43	0.045	16	33	0.53	393	0.053	1	1.81	0.022	0.05	0.2	0.05	5.3 <0.1	<0.05		5	0.5 <0.2	
142104	67	0.17	0.027	12	35	0.38	266	0.051	1	2.14	0.008	0.06	0.2	0.02	3.6 <0.1	<0.05		6 <0.5	<0.2	
142105	62	0.72	0.084	25	36	0.35	1028	0.046	1	2.48	0.011	0.09	0.2	0.11	6.8	0.1 <0.05		7	0.5 <0.2	
142106	48	0.27	0.049	19	27	0.33	260	0.054	1	1.59	0.010	0.07	0.1	0.04	4.9	0.1 <0.05		5 <0.5	<0.2	
142107	56	0.31	0.039	13	33	0.38	300	0.055 <1		2.03	0.010	0.06	0.1	0.05	4.6	0.1 <0.05		6	0.5 <0.2	
142112	58	0.60	0.043	12	26	0.45	366	0.044 <1		1.75	0.013	0.06	0.2	0.05	4.5	0.1 <0.05		5 <0.5		0.3
142113	57	0.29	0.018	6	21	0.20	446	0.048	1	1.12	0.014	0.05	0.1	0.02	2.0 <0.1	<0.05		5 <0.5	<0.2	
142114	49	0.24	0.019	8	16	0.17	402	0.026 <1		1.07	0.011	0.05 <0.1		0.02	2.1 <0.1	<0.05		5 <0.5	<0.2	
142115	66	0.37	0.041	8	29	0.36	348	0.043	1	2.05	0.008	0.07	0.2	0.03	3.0 <0.1	<0.05		6 <0.5	<0.2	
142116	61	0.26	0.045	11	26	0.32	434	0.056 <1		1.78	0.011	0.10 <0.1		0.03	3.6 <0.1	<0.05		6 <0.5	<0.2	
142117	67	0.25	0.056	8	27	0.27	370	0.051	1	1.88	0.013	0.08 <0.1		0.03	3.6 <0.1	<0.05		7 <0.5	<0.2	
142118	43	0.14	0.031	12	18	0.20	248	0.035	1	1.06	0.007	0.12	0.1	0.01	2.9 <0.1	<0.05		5 <0.5	<0.2	
142119	63	0.19	0.041	9	30	0.33	306	0.038 <1		2.12	0.009	0.06	0.1	0.03	3.9 <0.1	<0.05		6 <0.5	<0.2	
142120	72	0.33	0.048	8	28	0.31	450	0.058 <1		1.79	0.008	0.05	0.1	0.02	3.2	0.1 <0.05		7 <0.5	<0.2	

Sample_ID	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	2	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM
142121	61	0.27	0.040	8	25	0.27	383	0.059 <1		1.43	0.011	0.05	0.1	0.01	2.7	0.1 <0.05		6 <0.5	<0.2	
142122	68	0.18	0.016	10	38	0.51	336	0.060	1	2.43	0.011	0.06	0.1	0.02	3.7 <0.1	<0.05		6 <0.5	<0.2	
142123	45	0.08	0.022	11	15	0.12	367	0.033 <1		1.03	0.006	0.06	0.1	0.01	1.8 <0.1	<0.05		5 <0.5	<0.2	
142150	59	0.17	0.043	10	30	0.34	220	0.050	2	1.76	0.010	0.04	0.2	0.02	2.8 <0.1	<0.05		6 <0.5	<0.2	
142151	58	0.30	0.043	13	37	0.35	315	0.034	1	1.54	0.012	0.12	0.1	0.02	3.8 <0.1	<0.05		5 <0.5	<0.2	
142152	55	0.30	0.045	12	31	0.39	250	0.040	3	1.86	0.008	0.10 <0.1		0.02	3.7 <0.1	<0.05		5 <0.5	<0.2	
142153	56	0.17	0.030	13	28	0.34	179	0.042	1	1.56	0.008	0.04	0.1	0.03	3.3 <0.1	<0.05		5 <0.5	<0.2	
142155	66	0.21	0.044	10	31	0.37	244	0.043 <1		2.16	0.008	0.06	0.1	0.04	3.7 <0.1	<0.05		7 <0.5	<0.2	
142156	55	0.18	0.039	11	31	0.35	205	0.044 <1		1.80	0.008	0.05	0.1	0.04	3.6 <0.1	<0.05		5 <0.5	<0.2	
142157	58	0.21	0.038	12	28	0.33	168	0.055 <1		1.58	0.014	0.05	0.1	0.02	3.1 <0.1	<0.05		5 <0.5	<0.2	
142159	63	0.18	0.041	12	29	0.34	173	0.044	1	1.89	0.008	0.05	0.1	0.02	3.2 <0.1	<0.05		6 <0.5	<0.2	
142160	62	0.17	0.041	11	27	0.33	150	0.043	2	1.67	0.009	0.05	0.1	0.03	2.6 <0.1	<0.05		6 <0.5	<0.2	
142161	61	0.16	0.038	10	28	0.33	139	0.042	1	1.63	0.008	0.05	0.2	0.03	2.6 <0.1	<0.05		6 <0.5	<0.2	
142162	52	0.12	0.031	10	22	0.23	97	0.041	1	1.27	0.007	0.04	0.1	0.02	2.1 <0.1	<0.05		5 <0.5	<0.2	
142163	57	0.50	0.015	10	30	0.24	639	0.045	2	1.63	0.015	0.08 <0.1		0.02	4.7 <0.1	<0.05		5 <0.5	<0.2	
142164	50	0.61	0.018	10	24	0.29	597	0.047	4	1.63	0.015	0.15	0.1	0.02	4.3 <0.1	<0.05		5 <0.5	<0.2	
142165	60	0.37	0.024	7	27	0.28	536	0.057	1	1.62	0.011	0.12	0.1 <0.01		2.5 <0.1	<0.05		5 <0.5	<0.2	
142166	56	0.23	0.014	9	22	0.22	593	0.036	1	1.43	0.011	0.05 <0.1		0.02	2.2 <0.1	<0.05		5 <0.5	<0.2	
142167	59	0.27	0.029	10	22	0.19	606	0.039	1	1.32	0.009	0.12	0.1	0.02	2.3 <0.1	<0.05		5 <0.5	<0.2	
142168	64	0.27	0.029	8	27	0.32	328	0.044 <1		1.50	0.007	0.13	0.1	0.02	2.3 <0.1	<0.05		5 <0.5	<0.2	
142169	46	0.16	0.017	8	18	0.19	379	0.033 <1		0.96	0.009	0.07 <0.1		0.02	1.9 <0.1	<0.05		4 <0.5	<0.2	
142170	67	0.13	0.024	8	20	0.22	184	0.056 <1		0.98	0.005	0.05	0.1	0.01	1.5 <0.1	<0.05		6 <0.5	<0.2	
142171	36	0.11	0.016	10	15	0.20	211	0.024	1	0.83	0.008	0.06	0.1	0.02	2.0 <0.1	<0.05		3 <0.5	<0.2	
142172	34	0.12	0.018	10	15	0.19	221	0.024 <1		0.81	0.004	0.07	0.1	0.01	2.0 <0.1	<0.05		3 <0.5	<0.2	
142173	37	0.21	0.012	9	19	0.26	584	0.036 <1		0.95	0.007	0.05	0.1	0.02	2.2 <0.1	<0.05		3 <0.5	<0.2	
142174	30	0.24	0.015	8	15	0.23	343	0.025 <1		0.79	0.007	0.07 <0.1		0.02	1.7 <0.1	<0.05		3 <0.5	<0.2	
142175	49	0.20	0.022	8	19	0.23	380	0.020	1	1.23	0.010	0.08	0.1	0.02	2.5 <0.1	<0.05		5 <0.5	<0.2	
142176	78	0.08	0.029	10	20	0.23	141	0.071	1	1.23	0.009	0.04 <0.1		0.01	2.4 <0.1	<0.05		7 <0.5	<0.2	
142177	70	0.07	0.022	10	17	0.19	107	0.069 <1		1.15	0.008	0.03 <0.1		0.02	2.2 <0.1	<0.05		7	0.7 <0.2	
142178	53	0.15	0.038	14	25	0.37	154	0.053 <1		1.63	0.011	0.04	0.2	0.01	3.2 <0.1	<0.05		5 <0.5	<0.2	
142179	64	0.20	0.038	12	33	0.50	173	0.068	1	1.81	0.011	0.06	0.1	0.02	3.6 <0.1	<0.05		5 <0.5	<0.2	
142181	63	0.20	0.040	13	28	0.39	233	0.049 <1		1.92	0.013	0.05	0.1	0.03	3.5 <0.1	<0.05		6 <0.5	<0.2	
142182	33	0.20	0.057	10	19	0.26	142	0.039	3	1.17	0.015	0.04	0.1	0.09	2.5 <0.1	<0.05		4	0.6 <0.2	
142183	55	0.15	0.043	11	24	0.34	127	0.043 <1		1.54	0.011	0.04	0.1	0.05	2.4 <0.1	<0.05		5	0.6 <0.2	
142184	63	0.17	0.053	12	26	0.39	175	0.049	2	1.77	0.012	0.04	0.1	0.04	3.0	0.1 <0.05		6 <0.5	<0.2	
142185	64	0.17	0.040	12	26	0.42	190	0.046	1	1.80	0.012	0.05	0.1	0.03	3.5 <0.1	<0.05		6 <0.5	<0.2	
142186	68	0.16	0.025	13	32	0.40	299	0.030	2	2.39	0.010	0.15	0.7	0.01	4.1 <0.1	<0.05		7	0.6 <0.2	
142187	60	0.29	0.026	13	23	0.34	273	0.020 <1		1.71	0.010	0.18 <0.1		0.01	2.6 <0.1	<0.05		6 <0.5	<0.2	
142188	64	0.21	0.016	9	22	0.33	360	0.052	2	1.56	0.015	0.05 <0.1		0.01	2.7 <0.1	<0.05		6 <0.5	<0.2	
142189	40	1.02	0.052	15	26	0.35	554	0.029	3	1.77	0.012	0.12 <0.1		0.10	8.8 <0.1	<0.05		4	1.3	0.3
142190	48	0.51	0.024	11	22	0.34	440	0.045	2	1.30	0.014	0.15	0.1	0.02	5.0 <0.1	<0.05		4 <0.5	<0.2	
142191	58	0.31	0.027	8	27	0.39	712	0.045	1	1.66	0.016	0.08	0.3	0.02	3.0 <0.1	<0.05		5 <0.5	<0.2	
142192	63	0.21	0.038	11	26	0.36	451	0.041	1	1.64	0.010	0.08	0.1	0.02	3.0	0.1 <0.05		6 <0.5	<0.2	
142193	62	0.42	0.054	14	29	0.36	1027	0.031	2	2.20	0.011	0.12	0.1	0.04	5.0	0.1 <0.05		7 <0.5		0.4
142194	53	0.21	0.031	12	21	0.32	583	0.040	2	1.23	0.008	0.08 <0.1		0.02	2.6 <0.1	<0.05		5 <0.5	<0.2	
142195	33	0.07	0.015	8	9	0.07	242	0.023 <1		0.54	0.006	0.04 <0.1	<0.01		2.0 <0.1	<0.05		3 <0.5	<0.2	
142196	50	0.07	0.018	11	17	0.21	178	0.035 <1		1.06	0.009	0.05 <0.1		0.01	1.9 <0.1	<0.05		5 <0.5	<0.2	
142197	33	0.30	0.037	18	23	0.21	2700	0.006	3	2.00	0.013	0.11 <0.1		0.05	4.9	0.1 <0.05		4	0.9 <0.2	
142198	17	0.10	0.012	9	11	0.10	766	0.009	2	0.65	0.005	0.05 <0.1		0.02	2.1 <0.1	<0.05		2 <0.5	<0.2	
142199	44	0.10	0.012	8	8	0.10	87	0.063 <1		0.48	0.005	0.05 <0.1	<0.01		1.0 <0.1	<0.05		4 <0.5	<0.2	
142200	69	0.11	0.018	9	19	0.23	126	0.077 <1		1.05	0.007	0.05 <0.1	<0.01		1.8 <0.1	<0.05		7 <0.5	<0.2	
142201	87	0.15	0.034	8	49	0.83	151	0.135	2	1.93	0.010	0.19	0.1	0.02	3.7	0.2 <0.05		9 <0.5	<0.2	
142202	74	0.32	0.037	12	36	0.45	235	0.067	1	1.87	0.013	0.05	0.1 <0.01		3.4	0.1 <0.05		6 <0.5	<0.2	
142203	62	0.16	0.019	13	24	0.33	141	0.053	2	1.53	0.012	0.07 <0.1		0.01	2.0 <0.1	<0.05		6 <0.5	<0.2	
142204	72	0.18	0.021	11	25	0.37	134	0.062	5	1.70	0.009	0.07 <0.1		0.01	2.3	0.1 <0.05		7 <0.5	<0.2	
142205	55	0.06	0.035	9	16	0.15	177	0.033	1	0.98	0.007	0.05	0.1 <0.01		1.6 <0.1	<0.05		5 <0.5	<0.2	
142206	43	0.05	0.035	7	17	0.12	160	0.019	1	1.26	0.006	0.04 <0.1	<0.01		1.7 <0.1	<0.05		5 <0.5		0.2

13.2



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Client: **Solomon Resources Ltd**

Unit 3 - 2860 Smith Drive
Armstrong BC V0E 1B1 Canada

Submitted By: Steve Potts

Receiving Lab: Canada-Whitehorse

Received: June 25, 2010

Report Date: July 12, 2010

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CERTIFICATE OF ANALYSIS

WHI10000024.1

CLIENT JOB INFORMATION

Project: Ten Mile
Shipment ID: TM-BATCH 1
P.O. Number: NA-10-410
Number of Samples: 350

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Solomon Resources Ltd
Unit 3 - 2860 Smith Drive
Armstrong BC V0E 1B1
Canada

CC: Randy Rogers

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	350	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	350	Dry at 60C			WHI
1DX2	343	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Ten Mile

Report Date: July 12, 2010

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CERTIFICATE OF ANALYSIS

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		Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
141001	Soil	0.8	12.5	10.1	101	<0.1	10.4	8.8	1041	3.19	5.8	0.4	2.6	1.5	105	0.3	1.1	0.1	69	0.33	0.034	
141002	Soil	0.6	39.2	18.7	96	0.2	23.0	9.5	406	2.64	7.4	6.7	14.8	3.9	196	0.3	1.1	0.2	56	0.93	0.065	
141003	Soil	1.0	27.1	31.0	96	<0.1	22.2	8.8	563	2.72	14.6	0.8	109.4	3.1	112	0.5	2.1	0.2	51	0.65	0.022	
141004	Soil	0.9	14.8	25.8	54	0.1	14.9	6.3	289	2.40	13.7	0.7	143.0	3.9	33	0.2	1.5	0.2	36	0.19	0.016	
141005	Soil	1.0	48.0	93.4	123	0.3	19.5	8.3	647	2.60	11.5	1.2	46.7	2.9	50	0.4	2.2	0.2	47	0.28	0.034	
141006	Soil	1.1	24.9	35.4	82	0.1	16.4	7.5	375	2.86	7.8	0.8	16.6	2.6	40	0.3	1.2	0.2	67	0.19	0.035	
141007	Soil	1.2	18.9	27.4	80	<0.1	17.3	7.8	324	3.13	10.6	0.5	22.2	2.9	21	0.2	1.0	0.2	62	0.15	0.027	
141008	Soil	1.1	14.3	20.2	49	0.1	11.1	5.0	283	2.29	6.9	0.4	38.4	2.2	21	0.2	0.8	0.2	62	0.16	0.026	
141009	Soil	0.9	12.3	14.0	47	<0.1	14.4	5.4	306	2.29	7.1	0.4	19.4	1.9	23	0.2	0.5	0.2	52	0.16	0.023	
141010	Soil	1.1	12.5	21.7	59	<0.1	14.6	6.1	422	2.42	8.8	0.5	22.1	1.7	14	0.2	0.5	0.2	64	0.10	0.042	
141011	Soil	0.8	11.2	20.1	54	<0.1	13.0	6.9	488	2.28	7.6	0.5	12.8	1.9	15	0.2	0.4	0.2	62	0.11	0.034	
141013	Soil	0.9	7.9	10.5	32	<0.1	8.6	2.7	119	1.37	1.9	0.4	23.5	1.4	22	0.3	0.5	0.3	44	0.12	0.017	
141014	Soil	0.7	17.0	15.9	53	0.2	20.5	10.2	517	2.74	6.2	0.7	11.7	3.4	72	0.2	0.6	0.2	59	0.59	0.039	
141015	Soil	1.0	23.7	16.8	48	0.1	19.3	11.6	916	2.60	6.6	0.9	5.6	3.0	70	0.2	0.7	0.2	60	0.49	0.030	
141016	Soil	1.0	15.7	20.7	47	<0.1	17.3	7.5	286	2.43	6.1	0.6	11.5	2.6	55	0.1	0.7	0.2	55	0.37	0.025	
141017	Soil	1.1	17.9	18.3	49	<0.1	19.7	8.2	286	2.45	7.2	0.7	36.9	2.8	64	<0.1	0.7	0.2	56	0.39	0.016	
141018	Soil	0.8	23.1	15.9	53	0.1	23.7	8.5	482	2.45	6.5	1.5	22.2	3.8	115	0.3	0.7	0.2	46	0.61	0.051	
141019	Soil	0.8	19.3	19.1	48	0.2	17.8	8.0	570	2.49	5.7	1.3	19.9	2.8	98	0.2	0.8	0.2	49	0.40	0.039	
141020	Soil	2.4	12.3	26.5	42	0.1	23.8	7.7	518	2.22	7.6	0.7	81.9	2.8	63	<0.1	0.9	0.2	43	0.34	0.029	
141021	Soil	2.0	12.6	33.2	45	0.1	23.3	7.4	378	2.09	7.0	0.7	68.6	2.8	58	0.1	1.0	0.2	44	0.30	0.026	
141022	Soil	0.9	21.6	13.8	44	0.2	19.9	8.6	369	2.66	8.4	2.1	32.0	2.3	70	0.1	0.5	0.2	52	0.23	0.043	
141023	Soil	0.9	14.5	16.8	54	0.2	17.4	8.8	703	2.35	4.2	0.4	1.0	2.0	82	0.1	0.6	0.1	59	0.51	0.016	
141024	Soil	0.6	10.3	10.3	30	0.1	11.7	5.4	565	1.71	3.4	1.1	4.7	2.0	61	0.2	0.7	<0.1	34	0.38	0.021	
141025	Soil	0.8	11.1	14.8	39	0.1	16.3	9.2	578	2.52	3.9	0.3	1.1	2.5	32	0.1	0.5	0.1	61	0.20	0.014	
141026	Soil	2.8	13.9	28.8	41	<0.1	30.6	6.7	286	2.21	7.0	2.5	13.8	1.7	212	0.1	1.0	0.1	51	0.39	0.019	
141028	Soil	0.7	11.9	17.0	44	0.1	14.6	5.7	236	1.94	4.8	1.3	20.0	2.2	188	0.1	0.6	0.3	44	0.38	0.020	
141029	Soil	1.4	13.4	27.5	52	0.1	23.6	9.3	379	2.60	6.6	0.7	8.6	2.7	72	0.1	0.7	0.3	56	0.28	0.025	
141030	Soil	1.1	12.6	17.8	43	0.2	17.6	7.2	241	2.39	5.5	0.6	9.2	2.5	64	<0.1	0.6	0.3	57	0.25	0.014	
141031	Soil	0.9	11.4	16.9	40	0.2	17.0	7.9	341	2.51	6.0	0.6	62.0	2.4	60	0.1	0.6	0.3	57	0.25	0.016	
141032	Soil	1.1	11.8	12.0	42	<0.1	15.3	7.1	324	2.58	8.1	0.3	1.6	2.1	52	<0.1	0.6	0.2	65	0.24	0.025	



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
141001	Soil	8	16	0.46	164	0.093	2	1.52	0.019	0.06	0.1	0.03	3.4	0.1	<0.05	8	<0.5	0.2
141002	Soil	14	30	0.64	212	0.083	2	1.38	0.029	0.08	0.2	0.05	5.5	<0.1	0.08	4	1.4	<0.2
141003	Soil	11	31	0.40	247	0.053	3	1.53	0.020	0.09	0.1	0.04	4.2	<0.1	<0.05	4	<0.5	<0.2
141004	Soil	10	20	0.28	120	0.026	1	1.31	0.010	0.06	<0.1	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
141005	Soil	14	29	0.35	194	0.038	2	1.59	0.013	0.09	0.1	0.04	4.1	<0.1	<0.05	5	0.6	0.2
141006	Soil	12	30	0.39	164	0.052	<1	1.36	0.015	0.09	0.2	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
141007	Soil	10	30	0.40	149	0.056	1	2.01	0.011	0.12	0.1	0.02	3.2	<0.1	<0.05	6	<0.5	<0.2
141008	Soil	9	22	0.27	173	0.069	<1	1.31	0.010	0.09	0.1	0.02	2.2	<0.1	<0.05	6	<0.5	<0.2
141009	Soil	8	24	0.33	215	0.049	<1	1.58	0.009	0.06	<0.1	0.03	2.5	<0.1	<0.05	5	<0.5	<0.2
141010	Soil	8	25	0.28	136	0.057	<1	1.67	0.010	0.05	0.1	0.02	2.4	<0.1	<0.05	7	<0.5	0.4
141011	Soil	9	23	0.28	147	0.060	1	1.68	0.012	0.05	0.1	0.02	2.6	<0.1	<0.05	7	0.6	<0.2
141013	Soil	6	19	0.13	133	0.048	1	0.79	0.013	0.05	0.1	0.02	1.7	<0.1	<0.05	5	<0.5	<0.2
141014	Soil	11	33	0.40	365	0.072	2	1.89	0.019	0.12	0.1	0.03	4.5	<0.1	<0.05	5	<0.5	<0.2
141015	Soil	11	29	0.42	437	0.049	1	1.82	0.016	0.06	0.2	0.02	4.0	<0.1	<0.05	5	0.5	<0.2
141016	Soil	9	29	0.44	327	0.060	<1	1.53	0.015	0.05	0.1	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
141017	Soil	10	31	0.45	422	0.065	1	1.61	0.016	0.06	0.2	0.01	3.4	<0.1	<0.05	5	<0.5	<0.2
141018	Soil	12	28	0.41	474	0.044	1	1.23	0.018	0.06	0.2	0.04	4.8	<0.1	<0.05	3	0.7	<0.2
141019	Soil	11	24	0.34	632	0.021	2	1.49	0.012	0.13	0.1	0.02	3.9	<0.1	<0.05	4	0.5	<0.2
141020	Soil	9	35	0.26	438	0.028	1	0.95	0.009	0.09	0.2	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
141021	Soil	9	35	0.30	424	0.030	<1	1.07	0.010	0.08	0.2	0.01	2.7	<0.1	<0.05	4	<0.5	<0.2
141022	Soil	19	27	0.32	949	0.022	1	2.15	0.009	0.06	0.1	0.06	5.4	<0.1	<0.05	5	0.7	<0.2
141023	Soil	8	29	0.34	752	0.025	1	1.70	0.010	0.04	0.1	0.01	3.5	<0.1	<0.05	5	<0.5	<0.2
141024	Soil	8	18	0.18	569	0.012	2	1.04	0.008	0.11	<0.1	0.03	3.4	<0.1	<0.05	3	<0.5	<0.2
141025	Soil	8	30	0.35	527	0.046	1	1.73	0.010	0.06	0.1	<0.01	3.2	<0.1	<0.05	5	<0.5	<0.2
141026	Soil	11	45	0.33	657	0.037	2	1.27	0.010	0.07	0.2	<0.01	2.6	<0.1	<0.05	4	0.7	<0.2
141028	Soil	8	23	0.40	431	0.033	1	1.27	0.010	0.06	0.1	0.01	2.4	<0.1	<0.05	4	<0.5	<0.2
141029	Soil	10	38	0.44	312	0.069	1	1.57	0.013	0.09	0.1	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
141030	Soil	9	31	0.37	325	0.038	1	1.66	0.011	0.05	0.1	0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
141031	Soil	8	29	0.39	328	0.036	1	1.59	0.012	0.05	0.1	<0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
141032	Soil	7	25	0.35	244	0.058	<1	1.34	0.007	0.09	0.1	0.01	2.1	<0.1	<0.05	5	0.5	<0.2



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Project: Ten Mile

Report Date: July 12, 2010

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
141033	Soil	1.8	27.8	27.9	57	0.7	31.7	9.2	798	3.03	7.3	3.0	28.0	3.2	180	0.2	0.9	0.4	48	0.72	0.060
141034	Soil	0.8	16.0	15.2	51	0.1	17.5	9.2	435	2.67	8.2	1.0	11.1	4.0	66	<0.1	0.8	0.2	53	0.40	0.027
141035	Soil	0.8	12.4	19.5	53	0.2	16.6	8.7	704	2.46	6.1	0.5	16.5	2.3	58	0.2	0.7	0.3	55	0.36	0.034
141036	Soil	0.9	18.8	16.1	48	0.1	20.5	10.9	831	2.73	5.3	0.4	10.4	2.8	77	0.5	0.6	0.4	55	0.58	0.047
141040	Soil	0.6	16.9	21.4	45	0.4	10.7	4.0	172	1.40	2.7	2.2	12.7	0.4	51	0.3	0.7	0.1	16	0.38	0.132
141041	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
141042	Soil	1.3	23.0	98.4	117	<0.1	17.3	8.8	475	2.39	6.8	0.8	65.2	3.4	25	0.2	0.6	0.2	57	0.20	0.037
141043	Soil	0.9	18.7	21.5	71	<0.1	14.9	5.5	273	2.14	6.9	1.1	22.7	2.7	31	0.3	0.5	0.2	53	0.24	0.037
141044	Soil	0.8	11.7	22.4	55	<0.1	13.0	6.2	358	1.93	6.0	0.7	33.3	3.8	19	0.1	0.4	0.1	42	0.14	0.021
141045	Soil	1.0	15.3	16.7	65	0.1	16.3	7.1	423	2.41	7.2	0.6	11.4	2.8	25	0.1	0.5	0.2	58	0.20	0.029
141046	Soil	1.2	11.3	16.3	53	<0.1	14.1	7.4	582	2.64	8.2	0.4	3.9	1.5	12	0.2	0.6	0.2	67	0.10	0.036
141047	Soil	1.0	11.7	21.4	76	<0.1	14.0	6.0	434	2.18	5.5	0.6	16.3	2.3	33	0.3	0.5	0.1	56	0.24	0.024
141048	Soil	0.9	22.5	37.0	127	0.2	14.7	6.4	385	2.09	3.7	0.5	2.9	2.7	30	0.3	0.6	0.2	53	0.21	0.016
141049	Soil	2.6	9.6	34.5	59	0.1	24.1	5.2	208	2.26	12.6	0.4	16.6	2.1	15	0.3	0.6	0.1	48	0.10	0.020
141050	Soil	0.8	47.0	55.7	191	0.3	14.0	6.7	459	2.39	9.6	0.5	8.0	2.0	40	0.8	0.8	0.5	58	0.21	0.017
141051	Soil	0.9	49.1	54.9	192	0.4	15.6	6.9	414	2.46	10.2	0.5	18.4	2.2	38	0.8	0.8	0.5	57	0.20	0.017
141052	Soil	1.0	9.9	27.8	75	<0.1	12.1	4.9	526	1.95	7.4	0.3	17.4	2.4	79	0.5	0.7	0.2	53	0.51	0.019
141053	Soil	0.8	9.4	22.2	70	0.1	13.1	5.8	270	2.02	4.1	0.3	8.5	2.0	37	0.4	0.4	0.1	54	0.29	0.016
141054	Soil	1.0	9.9	12.4	57	<0.1	16.9	9.7	720	2.42	5.3	0.3	3.9	2.5	35	0.3	0.5	0.2	61	0.31	0.020
141055	Soil	0.7	8.4	11.6	53	<0.1	10.6	3.8	184	1.77	5.3	0.4	10.9	2.3	14	0.1	0.5	0.1	39	0.08	0.022
141056	Soil	0.4	5.5	4.1	19	0.1	3.0	0.9	82	0.38	<0.5	0.1	0.9	<0.1	14	0.5	0.2	<0.1	14	0.10	0.034
141058	Soil	1.6	22.4	45.6	72	0.2	18.9	6.5	368	2.27	6.9	1.2	13.8	0.5	14	0.3	0.6	0.2	52	0.08	0.062
141059	Soil	0.9	12.6	21.0	50	<0.1	9.3	4.4	240	1.59	4.2	0.5	6.4	1.3	13	0.2	0.3	0.2	41	0.10	0.026
141060	Soil	0.9	33.3	45.0	125	0.2	18.3	10.2	607	3.12	9.3	2.6	24.4	3.0	18	0.4	0.7	0.3	61	0.14	0.051
141061	Soil	1.0	35.5	45.4	120	0.3	17.6	9.5	471	3.17	9.8	2.8	22.1	2.6	17	0.4	0.7	0.3	64	0.11	0.061
141062	Soil	0.8	17.2	24.9	85	<0.1	15.0	10.3	476	2.54	5.9	1.1	13.3	3.6	18	0.2	0.7	0.2	51	0.16	0.051
141063	Soil	0.9	14.8	24.4	71	0.1	12.7	6.6	318	2.23	6.6	0.9	6.8	1.3	22	0.2	0.7	0.1	52	0.17	0.063
141064	Soil	0.7	16.0	46.3	103	0.2	15.6	11.6	831	2.35	5.6	1.0	15.9	2.3	31	0.3	0.5	0.2	49	0.26	0.057
141065	Soil	0.6	29.2	12.6	42	0.1	19.6	9.0	1183	2.39	4.5	1.0	7.7	2.9	158	0.2	0.7	0.2	49	0.75	0.021
141066	Soil	1.0	9.8	33.2	46	0.1	14.2	6.8	618	2.10	3.3	0.4	3.0	2.1	56	0.4	0.4	0.4	44	0.52	0.030



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
141033	Soil	20	38	0.30	975	0.015	2	2.17	0.013	0.11	0.1	0.08	8.9	<0.1	<0.05	5	<0.5	<0.2
141034	Soil	10	26	0.42	429	0.040	2	1.58	0.011	0.11	<0.1	0.02	4.4	<0.1	<0.05	5	<0.5	<0.2
141035	Soil	9	25	0.36	425	0.046	2	1.38	0.012	0.14	0.1	0.01	2.6	<0.1	<0.05	5	0.7	<0.2
141036	Soil	9	28	0.38	467	0.057	2	1.68	0.019	0.12	0.1	0.01	4.3	<0.1	<0.05	5	<0.5	<0.2
141040	Soil	12	20	0.13	303	0.017	2	1.02	0.016	0.04	<0.1	0.12	2.2	<0.1	0.13	3	0.9	<0.2
141041	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
141042	Soil	13	29	0.37	165	0.068	2	1.41	0.010	0.06	0.2	0.03	2.9	<0.1	<0.05	5	<0.5	<0.2
141043	Soil	11	25	0.31	240	0.054	2	1.51	0.014	0.05	0.2	0.02	2.9	<0.1	<0.05	5	0.6	<0.2
141044	Soil	9	22	0.27	153	0.043	1	1.31	0.007	0.04	0.1	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
141045	Soil	10	25	0.38	195	0.057	1	1.79	0.008	0.07	0.1	0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
141046	Soil	8	28	0.33	139	0.056	1	1.60	0.008	0.05	0.1	0.02	2.2	<0.1	<0.05	6	<0.5	<0.2
141047	Soil	11	24	0.29	150	0.049	1	1.35	0.009	0.06	<0.1	0.02	2.5	<0.1	<0.05	5	<0.5	<0.2
141048	Soil	11	23	0.34	171	0.039	1	1.42	0.011	0.08	<0.1	0.02	2.2	<0.1	<0.05	5	<0.5	<0.2
141049	Soil	10	36	0.28	118	0.044	<1	1.08	0.007	0.09	0.1	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
141050	Soil	8	21	0.29	181	0.040	2	1.37	0.010	0.05	<0.1	0.01	2.4	<0.1	<0.05	5	<0.5	<0.2
141051	Soil	8	23	0.31	175	0.039	<1	1.47	0.010	0.05	<0.1	0.01	2.5	<0.1	<0.05	5	0.6	<0.2
141052	Soil	8	19	0.19	200	0.031	2	1.04	0.012	0.04	<0.1	0.02	1.7	<0.1	<0.05	5	<0.5	<0.2
141053	Soil	9	22	0.30	261	0.033	<1	1.44	0.010	0.07	0.1	0.01	2.0	<0.1	<0.05	5	<0.5	<0.2
141054	Soil	9	29	0.39	365	0.058	<1	1.60	0.012	0.07	0.1	<0.01	2.2	<0.1	<0.05	5	<0.5	<0.2
141055	Soil	7	17	0.23	146	0.018	1	1.17	0.008	0.03	0.1	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
141056	Soil	2	7	0.04	79	0.009	2	0.17	0.013	0.03	<0.1	0.04	0.4	<0.1	<0.05	1	<0.5	<0.2
141058	Soil	9	31	0.26	202	0.025	1	1.65	0.012	0.05	0.1	0.05	2.0	<0.1	0.05	6	0.6	<0.2
141059	Soil	8	18	0.19	137	0.036	<1	1.16	0.009	0.04	<0.1	0.02	1.8	<0.1	<0.05	6	<0.5	<0.2
141060	Soil	13	34	0.43	248	0.035	1	2.01	0.008	0.06	0.1	0.07	4.9	<0.1	0.06	6	0.8	0.2
141061	Soil	13	35	0.43	253	0.036	2	2.23	0.009	0.05	0.2	0.08	5.3	0.1	0.06	7	0.9	<0.2
141062	Soil	12	27	0.41	171	0.047	1	1.46	0.008	0.06	0.1	0.03	3.6	<0.1	<0.05	5	0.6	<0.2
141063	Soil	10	22	0.29	159	0.033	1	1.17	0.009	0.05	0.2	0.05	3.3	<0.1	0.07	5	0.7	<0.2
141064	Soil	11	25	0.41	194	0.043	1	1.36	0.011	0.05	0.2	0.05	3.6	<0.1	<0.05	4	0.6	<0.2
141065	Soil	11	24	0.32	681	0.043	2	1.52	0.019	0.06	0.1	0.03	4.8	<0.1	<0.05	4	0.6	<0.2
141066	Soil	8	21	0.27	397	0.027	2	1.36	0.013	0.14	<0.1	0.02	2.6	<0.1	<0.05	4	<0.5	<0.2



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
141068	Soil	0.9	18.8	24.6	49	0.6	22.1	10.1	545	2.70	8.2	1.8	28.9	4.2	63	0.1	0.7	0.7	49	0.50	0.029
141069	Soil	0.9	17.5	28.0	52	0.2	22.2	9.9	360	2.71	8.5	1.6	67.2	3.7	45	0.1	0.8	0.9	57	0.33	0.020
141070	Soil	0.6	8.3	10.8	34	0.3	6.1	3.2	519	1.19	1.3	0.2	10.3	1.2	22	0.3	0.4	0.5	37	0.11	0.017
141071	Soil	1.2	10.8	16.9	40	0.4	12.3	4.1	730	1.18	1.3	0.2	6.9	0.8	29	0.5	0.5	0.5	34	0.13	0.022
141072	Soil	0.8	21.2	38.0	63	1.1	17.8	9.2	1721	2.30	5.3	1.9	14.5	2.5	112	0.3	0.7	1.7	43	0.38	0.038
141073	Soil	1.0	19.6	21.8	52	0.7	18.6	8.1	874	2.07	4.9	1.0	2.7	1.1	133	0.3	0.6	0.6	50	0.34	0.042
141074	Soil	0.8	18.2	24.4	52	0.2	16.5	6.1	327	2.32	6.2	1.8	16.1	2.6	252	0.1	0.6	0.4	48	0.48	0.029
141075	Soil	0.6	24.0	17.5	51	0.4	14.7	5.1	280	1.44	3.4	1.8	10.2	1.2	538	0.3	0.6	0.2	22	1.24	0.067
141076	Soil	1.2	20.7	24.9	45	0.2	15.7	4.5	144	2.24	4.8	1.4	4.6	2.4	60	0.3	0.5	0.2	42	0.18	0.028
141077	Soil	1.0	12.3	17.4	42	0.1	20.7	6.8	217	2.46	6.6	0.6	2.5	2.3	14	<0.1	0.7	0.5	57	0.09	0.015
141078	Soil	0.9	10.1	10.9	39	<0.1	13.7	6.7	211	2.34	5.2	0.5	1.6	2.4	34	<0.1	0.3	0.2	66	0.25	0.023
141079	Soil	1.3	19.3	15.8	50	<0.1	18.5	13.2	486	3.43	10.1	0.9	1.5	5.0	53	<0.1	0.4	0.2	61	0.35	0.041
141080	Soil	0.9	8.8	16.7	35	<0.1	13.6	4.9	165	1.82	4.3	0.4	14.8	2.4	21	<0.1	0.3	<0.1	41	0.16	0.012
141081	Soil	0.8	9.0	14.9	35	<0.1	11.3	5.0	306	1.67	4.1	0.4	6.7	2.2	19	<0.1	0.3	0.1	39	0.15	0.011
141082	Soil	1.1	19.7	15.0	51	<0.1	20.0	9.1	320	2.71	8.8	0.9	10.5	4.6	18	<0.1	0.6	0.2	58	0.13	0.015
141083	Soil	1.2	20.4	41.5	59	<0.1	22.5	8.9	335	3.35	10.1	0.7	9.1	3.6	17	0.1	0.6	0.2	62	0.13	0.022
141084	Soil	0.9	9.6	13.1	29	<0.1	9.7	5.1	220	1.69	4.4	0.4	2.2	1.8	17	<0.1	0.4	0.2	46	0.13	0.022
141085	Soil	1.0	13.6	22.5	55	<0.1	16.5	6.8	315	2.49	7.8	0.5	4.1	3.1	23	0.1	0.7	0.2	55	0.19	0.035
141086	Soil	0.8	10.9	13.1	67	<0.1	17.3	7.7	371	2.57	5.4	0.4	5.0	2.4	26	0.1	0.5	0.2	63	0.20	0.022
141087	Soil	1.0	17.0	24.9	47	0.2	17.1	8.8	559	2.30	3.6	0.9	20.6	3.2	39	0.2	0.8	0.1	47	0.30	0.019
141088	Soil	0.8	12.2	18.2	62	0.3	8.0	3.2	334	1.43	1.6	0.4	61.1	1.3	18	0.4	0.6	0.1	43	0.14	0.029
141089	Soil	1.0	13.2	26.8	96	<0.1	11.3	6.8	571	2.52	4.9	0.3	5.8	1.5	19	0.5	0.5	0.2	68	0.15	0.028
141090	Soil	1.0	8.2	14.2	47	<0.1	8.8	4.7	534	1.56	2.2	0.4	77.4	2.0	11	0.3	0.5	0.1	44	0.09	0.021
141091	Soil	0.8	7.9	14.3	47	0.1	7.0	4.8	535	1.48	1.6	0.4	14.6	1.9	10	0.3	0.4	0.2	41	0.08	0.019
141092	Soil	0.9	10.1	20.2	259	0.1	14.3	9.4	1122	2.25	2.7	0.4	26.5	2.9	20	1.3	0.4	0.2	53	0.17	0.017
141093	Soil	0.9	10.5	17.1	89	<0.1	15.7	9.7	1114	2.42	5.1	0.4	49.2	2.4	46	0.6	0.6	0.2	50	0.32	0.024
141094	Soil	0.7	15.8	49.0	94	0.1	13.6	7.9	349	2.26	5.4	0.9	9.0	1.8	23	0.2	0.6	0.2	47	0.22	0.045
141096	Soil	0.8	13.7	26.6	64	0.2	11.1	5.6	176	1.68	4.8	0.8	7.4	1.1	23	0.2	0.5	0.1	34	0.21	0.055
141097	Soil	1.0	15.8	28.3	78	<0.1	15.1	7.4	371	2.33	9.3	0.9	13.6	3.0	18	0.2	0.6	0.2	53	0.17	0.035
141098	Soil	1.2	19.4	33.4	85	0.1	16.2	9.5	399	2.39	9.3	1.0	7.9	2.3	20	0.2	0.7	0.2	54	0.16	0.043



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
141068	Soil	13	28	0.40	446	0.030	2	1.56	0.012	0.12	0.2	0.03	5.5	<0.1	<0.05	5	0.7	<0.2
141069	Soil	12	31	0.45	416	0.031	1	1.71	0.009	0.07	0.1	0.02	4.1	<0.1	<0.05	5	0.5	<0.2
141070	Soil	6	11	0.08	220	0.037	1	0.50	0.011	0.05	<0.1	0.01	1.1	<0.1	<0.05	3	<0.5	<0.2
141071	Soil	6	20	0.08	317	0.034	1	0.52	0.012	0.05	<0.1	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
141072	Soil	14	24	0.23	1012	0.014	1	1.70	0.008	0.12	<0.1	0.04	5.8	0.1	<0.05	5	<0.5	<0.2
141073	Soil	10	26	0.28	914	0.025	1	1.55	0.009	0.08	0.1	0.03	3.1	0.1	<0.05	5	0.5	<0.2
141074	Soil	10	24	0.44	746	0.026	1	1.50	0.012	0.09	0.2	0.02	3.6	<0.1	<0.05	5	<0.5	<0.2
141075	Soil	5	16	0.22	1870	0.005	2	1.38	0.010	0.10	<0.1	0.11	4.0	<0.1	0.11	4	0.7	<0.2
141076	Soil	10	24	0.25	819	0.007	1	1.70	0.010	0.13	0.1	0.03	3.2	<0.1	<0.05	5	<0.5	<0.2
141077	Soil	7	31	0.31	310	0.029	<1	1.90	0.008	0.05	0.1	0.01	2.3	0.1	<0.05	6	<0.5	<0.2
141078	Soil	9	26	0.40	187	0.060	1	1.59	0.012	0.05	0.2	0.02	2.4	0.1	<0.05	7	<0.5	<0.2
141079	Soil	15	29	0.37	438	0.019	1	1.61	0.010	0.10	<0.1	0.02	5.0	0.1	<0.05	5	<0.5	<0.2
141080	Soil	9	21	0.36	371	0.037	1	1.14	0.007	0.05	0.1	0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
141081	Soil	9	19	0.34	304	0.042	1	1.12	0.010	0.06	<0.1	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
141082	Soil	11	33	0.49	421	0.061	2	1.91	0.014	0.06	0.2	0.03	3.6	<0.1	<0.05	5	0.5	<0.2
141083	Soil	9	34	0.46	410	0.029	2	2.48	0.009	0.07	0.1	0.02	3.1	<0.1	<0.05	6	0.5	<0.2
141084	Soil	8	18	0.21	349	0.046	1	1.17	0.011	0.04	<0.1	0.01	1.7	<0.1	<0.05	5	<0.5	<0.2
141085	Soil	10	25	0.32	344	0.035	2	1.67	0.009	0.06	0.1	0.02	2.5	<0.1	<0.05	5	<0.5	<0.2
141086	Soil	10	27	0.38	531	0.054	1	1.69	0.009	0.06	<0.1	0.01	2.4	<0.1	<0.05	5	<0.5	<0.2
141087	Soil	16	23	0.28	694	0.032	2	1.43	0.014	0.10	0.1	0.02	4.2	<0.1	<0.05	5	<0.5	<0.2
141088	Soil	9	14	0.10	342	0.021	2	0.93	0.012	0.06	<0.1	0.02	1.9	<0.1	<0.05	5	<0.5	<0.2
141089	Soil	8	22	0.28	292	0.046	1	1.45	0.009	0.06	0.1	0.01	2.4	<0.1	<0.05	6	<0.5	<0.2
141090	Soil	11	15	0.16	165	0.050	1	0.68	0.012	0.08	<0.1	<0.01	1.6	<0.1	<0.05	4	<0.5	<0.2
141091	Soil	10	14	0.15	141	0.051	1	0.71	0.011	0.07	0.1	0.01	1.5	<0.1	<0.05	4	<0.5	<0.2
141092	Soil	10	23	0.29	466	0.046	1	1.49	0.013	0.07	0.1	<0.01	2.3	<0.1	<0.05	5	<0.5	<0.2
141093	Soil	8	25	0.29	662	0.023	<1	1.48	0.013	0.07	0.1	0.03	2.2	<0.1	<0.05	5	<0.5	<0.2
141094	Soil	9	25	0.40	195	0.028	<1	1.57	0.012	0.05	0.2	0.06	3.2	<0.1	<0.05	5	<0.5	<0.2
141096	Soil	9	21	0.23	167	0.023	<1	1.14	0.013	0.04	0.1	0.07	2.3	<0.1	0.07	4	<0.5	<0.2
141097	Soil	10	28	0.38	144	0.036	<1	1.41	0.011	0.04	0.1	0.03	2.6	<0.1	<0.05	5	<0.5	<0.2
141098	Soil	10	31	0.34	173	0.037	<1	1.45	0.011	0.05	0.1	0.03	2.7	<0.1	<0.05	5	<0.5	<0.2



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	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
141099	Soil																							
141100	Soil																							
141102	Soil																							
141103	Soil																							
141104	Soil																							
141105	Soil																							
141106	Soil																							
141107	Soil																							
141108	Soil																							
141109	Soil																							
141110	Soil																							
141111	Soil																							
141113	Soil																							
141114	Soil																							
141115	Soil																							
141116	Soil																							
141117	Soil																							
141118	Soil																							
141119	Soil																							
141120	Soil																							
141121	Soil																							
141122	Soil																							
141123	Soil																							
141124	Soil																							
141125	Soil																							
141126	Soil																							
141127	Soil																							
141128	Soil																							
141129	Soil																							
141130	Soil																							



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
141099	Soil	14	28	0.42	285	0.038	<1	1.62	0.011	0.04	0.2	0.04	3.8	<0.1	<0.05	5	<0.5	<0.2
141100	Soil	12	29	0.41	241	0.031	<1	1.56	0.012	0.05	0.2	0.05	3.1	<0.1	<0.05	5	<0.5	<0.2
141102	Soil	7	28	0.38	169	0.038	<1	1.46	0.011	0.05	0.1	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
141103	Soil	9	29	0.39	179	0.038	<1	1.51	0.011	0.06	<0.1	0.01	2.9	<0.1	<0.05	4	<0.5	<0.2
141104	Soil	8	28	0.38	220	0.038	<1	1.47	0.013	0.09	0.1	0.02	2.3	<0.1	<0.05	5	<0.5	<0.2
141105	Soil	7	21	0.24	174	0.034	<1	1.12	0.011	0.10	0.1	0.01	1.5	<0.1	<0.05	5	<0.5	<0.2
141106	Soil	9	32	0.39	196	0.035	<1	1.52	0.012	0.07	0.2	0.02	2.4	<0.1	<0.05	5	<0.5	<0.2
141107	Soil	9	32	0.43	240	0.046	<1	1.94	0.011	0.05	0.1	0.03	3.0	<0.1	<0.05	7	<0.5	<0.2
141108	Soil	11	25	0.27	221	0.035	<1	1.51	0.012	0.04	0.1	0.03	3.3	<0.1	<0.05	6	<0.5	<0.2
141109	Soil	9	30	0.40	144	0.037	<1	1.80	0.010	0.05	0.2	0.03	2.6	<0.1	<0.05	6	<0.5	<0.2
141110	Soil	9	31	0.36	204	0.025	<1	1.63	0.012	0.05	0.1	0.05	3.1	<0.1	<0.05	5	<0.5	<0.2
141111	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
141113	Soil	12	30	0.36	365	0.042	<1	1.38	0.015	0.06	0.1	0.03	4.9	<0.1	<0.05	5	<0.5	<0.2
141114	Soil	14	33	0.43	445	0.049	<1	1.74	0.017	0.06	0.1	0.03	5.8	<0.1	<0.05	5	<0.5	<0.2
141115	Soil	9	34	0.48	416	0.061	1	1.79	0.014	0.14	0.1	0.02	4.7	<0.1	<0.05	5	0.5	<0.2
141116	Soil	12	31	0.38	711	0.035	<1	1.78	0.016	0.07	0.1	0.03	4.9	<0.1	<0.05	5	0.5	<0.2
141117	Soil	9	40	0.44	376	0.046	<1	1.70	0.014	0.06	0.1	0.02	3.6	<0.1	<0.05	5	<0.5	<0.2
141118	Soil	10	32	0.45	424	0.042	<1	1.67	0.019	0.05	<0.1	0.03	3.6	<0.1	<0.05	5	<0.5	<0.2
141119	Soil	8	16	0.22	279	0.015	<1	1.01	0.012	0.07	<0.1	0.02	2.4	<0.1	<0.05	3	<0.5	<0.2
141120	Soil	7	15	0.15	181	0.039	<1	0.74	0.010	0.09	0.1	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
141121	Soil	7	19	0.22	229	0.040	<1	0.97	0.010	0.11	0.2	0.02	1.7	<0.1	<0.05	5	<0.5	<0.2
141122	Soil	7	24	0.33	237	0.038	<1	1.23	0.012	0.06	0.1	0.02	2.2	<0.1	<0.05	5	<0.5	<0.2
141123	Soil	7	15	0.13	153	0.027	<1	0.72	0.010	0.05	<0.1	0.01	0.6	<0.1	<0.05	4	<0.5	<0.2
141124	Soil	11	35	0.38	632	0.062	<1	1.55	0.014	0.09	<0.1	0.02	4.6	<0.1	<0.05	5	<0.5	<0.2
141125	Soil	8	25	0.37	682	0.035	<1	1.45	0.012	0.08	0.3	0.01	2.3	<0.1	<0.05	5	<0.5	<0.2
141126	Soil	15	157	1.80	323	0.168	<1	2.62	0.009	0.10	<0.1	0.01	8.7	0.1	<0.05	10	0.6	<0.2
141127	Soil	13	54	0.61	400	0.046	<1	1.94	0.016	0.06	<0.1	0.02	7.6	<0.1	<0.05	7	<0.5	<0.2
141128	Soil	7	23	0.38	312	0.039	<1	1.30	0.010	0.04	<0.1	0.01	2.0	<0.1	<0.05	4	<0.5	<0.2
141129	Soil	15	33	0.42	614	0.043	<1	1.94	0.012	0.03	0.1	0.04	4.3	<0.1	<0.05	6	<0.5	<0.2
141130	Soil	10	23	0.37	279	0.048	<1	1.22	0.013	0.04	0.1	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
141131	Soil	0.4	15.7	11.8	34	<0.1	10.6	6.1	527	1.59	2.9	0.5	18.2	3.6	16	<0.1	0.5	<0.1	29	0.13
141132	Soil	0.8	19.1	15.7	47	<0.1	16.7	7.6	264	2.65	6.1	0.6	18.9	2.5	23	<0.1	0.7	0.2	54	0.19
141133	Soil	1.2	14.7	15.7	52	<0.1	19.4	9.7	274	3.62	10.7	0.4	16.7	2.7	15	0.2	0.6	0.2	70	0.13
141134	Soil	1.0	16.8	112.9	136	<0.1	16.2	8.6	231	3.08	7.7	0.7	97.6	3.7	13	0.3	1.0	0.2	43	0.08
141135	Soil	1.1	11.5	23.4	48	<0.1	13.5	6.4	258	2.64	6.8	0.4	20.7	1.8	23	0.1	0.6	0.2	64	0.20
141136	Soil	1.0	13.5	33.4	98	<0.1	14.3	7.1	255	3.37	7.4	0.4	24.4	1.9	21	0.2	0.7	0.2	71	0.19
141137	Soil	1.3	13.2	37.4	74	<0.1	16.3	7.7	239	3.66	10.1	0.3	19.1	2.1	14	0.2	0.7	0.2	73	0.14
141138	Soil	1.2	13.5	22.0	73	<0.1	16.4	9.5	681	2.67	6.6	0.5	21.6	2.5	26	0.2	0.6	0.2	68	0.21
141140	Soil	0.7	17.9	27.9	91	0.1	17.4	8.1	347	2.59	6.2	1.0	12.0	3.1	42	0.2	0.7	0.2	59	0.40
141141	Soil	1.0	13.5	31.7	94	<0.1	17.7	9.2	467	2.64	5.2	1.0	24.8	3.2	68	0.2	0.7	0.2	62	0.45
141143	Soil	0.8	21.8	41.4	95	0.2	17.5	11.6	741	2.62	5.9	1.7	23.3	3.0	78	0.3	0.9	0.2	54	0.68
141144	Soil	0.8	18.1	71.7	144	0.2	15.8	8.7	223	3.05	8.2	1.0	26.8	4.1	36	0.2	1.0	0.2	54	0.35
141145	Soil	1.1	25.3	47.0	107	0.2	22.4	8.4	400	3.28	11.7	0.9	18.1	2.6	40	0.3	0.8	0.2	64	0.35
141146	Soil	1.1	22.6	44.0	94	0.1	19.5	9.9	370	3.08	9.4	0.7	20.8	2.0	25	0.4	0.7	0.2	62	0.25
141147	Soil	0.7	24.4	118.6	242	0.1	19.6	8.6	350	2.70	6.4	0.8	13.8	2.9	30	0.6	0.6	0.2	58	0.31
141148	Soil	0.6	30.0	29.1	82	<0.1	18.0	7.9	317	2.56	9.2	1.0	13.9	4.0	20	0.2	0.8	0.2	49	0.22
141149	Soil	1.0	24.3	57.8	114	<0.1	23.0	10.6	340	3.16	9.8	0.7	54.5	2.9	19	0.3	0.7	0.3	66	0.19
141150	Soil	0.7	25.3	51.3	95	<0.1	22.7	9.9	338	2.96	8.3	0.7	15.1	3.2	30	0.2	0.7	0.2	65	0.27
141151	Soil	1.3	15.9	44.2	84	<0.1	16.9	7.8	292	3.11	9.7	0.5	16.9	2.3	22	0.3	0.6	0.2	70	0.18
141152	Soil	1.3	13.8	33.8	74	<0.1	13.5	6.3	272	2.98	9.4	0.5	28.2	3.0	13	0.2	0.7	0.2	73	0.13
141153	Soil	1.0	16.9	80.8	98	<0.1	16.3	9.0	287	3.53	8.4	0.7	25.7	4.6	18	0.2	0.7	0.2	68	0.15
141154	Soil	0.8	25.5	43.8	116	0.1	18.6	14.0	624	3.61	7.5	1.4	23.7	4.0	28	0.3	1.0	0.1	77	0.25
141155	Soil	0.9	30.4	43.5	125	<0.1	22.1	14.3	704	3.92	7.7	2.5	22.3	4.8	48	0.3	1.0	0.1	79	0.38
141157	Soil	0.5	9.6	14.4	57	<0.1	13.9	6.8	185	2.01	6.6	0.8	3.5	2.5	29	0.1	0.6	0.1	48	0.24
141158	Soil	0.6	9.0	13.6	56	<0.1	13.1	8.2	386	2.07	7.4	0.7	26.3	1.9	31	0.1	0.4	0.2	53	0.26
141159	Soil	0.8	10.9	14.7	48	0.1	13.9	13.8	696	2.09	7.4	0.8	4.5	1.1	32	<0.1	0.6	0.2	50	0.27
141161	Soil	0.7	16.3	16.5	58	<0.1	19.3	7.9	310	2.05	8.0	1.1	7.2	2.5	40	0.2	0.5	0.1	50	0.34
141162	Soil	0.8	16.5	28.4	82	<0.1	19.7	8.8	355	3.20	10.6	0.9	7.3	1.7	38	0.2	0.6	0.2	69	0.30
141163	Soil	1.0	11.0	17.7	29	0.1	7.2	3.3	160	1.85	4.6	0.4	2.5	1.2	7	<0.1	0.4	0.2	51	0.06
141164	Soil	0.7	15.5	10.7	52	<0.1	19.5	9.5	257	2.70	9.0	0.6	4.9	2.5	21	0.2	0.6	0.2	59	0.20



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
141131	Soil	9	16	0.20	280	0.052	<1	0.79	0.017	0.04	<0.1	0.01	2.2	<0.1	<0.05	3	<0.5	<0.2
141132	Soil	14	31	0.40	321	0.035	2	1.63	0.010	0.04	<0.1	0.03	4.5	<0.1	<0.05	5	<0.5	<0.2
141133	Soil	7	36	0.46	273	0.053	2	2.40	0.007	0.04	0.1	0.02	2.9	<0.1	<0.05	7	<0.5	<0.2
141134	Soil	11	22	0.21	358	0.008	2	1.69	0.005	0.05	<0.1	0.02	4.0	<0.1	<0.05	5	0.5	<0.2
141135	Soil	9	26	0.35	221	0.040	1	1.53	0.009	0.04	0.1	0.01	2.3	<0.1	<0.05	6	<0.5	<0.2
141136	Soil	7	31	0.43	136	0.041	1	1.97	0.007	0.06	0.1	0.01	3.2	<0.1	0.06	6	<0.5	<0.2
141137	Soil	7	33	0.45	124	0.044	1	2.27	0.006	0.05	0.1	0.02	2.7	<0.1	<0.05	6	<0.5	<0.2
141138	Soil	10	31	0.38	452	0.037	1	1.75	0.009	0.05	0.2	0.03	2.9	<0.1	<0.05	6	<0.5	<0.2
141140	Soil	11	28	0.47	361	0.040	2	1.75	0.008	0.04	0.1	0.03	3.6	<0.1	<0.05	5	<0.5	<0.2
141141	Soil	11	31	0.45	272	0.043	2	1.41	0.010	0.06	0.2	0.03	3.6	<0.1	<0.05	5	<0.5	<0.2
141143	Soil	15	27	0.39	422	0.030	1	1.64	0.010	0.06	0.1	0.08	5.2	<0.1	0.08	5	0.7	<0.2
141144	Soil	11	27	0.42	307	0.031	2	1.72	0.009	0.05	0.1	0.06	4.7	<0.1	<0.05	5	<0.5	<0.2
141145	Soil	11	36	0.49	308	0.047	2	2.15	0.009	0.09	0.1	0.05	4.3	<0.1	<0.05	7	<0.5	<0.2
141146	Soil	11	33	0.44	257	0.048	2	1.96	0.010	0.05	0.1	0.03	3.3	<0.1	<0.05	6	0.5	<0.2
141147	Soil	13	32	0.49	249	0.052	<1	1.65	0.013	0.04	0.1	0.05	3.8	<0.1	<0.05	5	<0.5	<0.2
141148	Soil	16	24	0.40	219	0.040	1	1.30	0.008	0.05	<0.1	0.02	3.9	<0.1	<0.05	4	<0.5	<0.2
141149	Soil	11	36	0.52	251	0.059	2	2.06	0.011	0.05	0.1	0.02	3.6	<0.1	<0.05	6	<0.5	<0.2
141150	Soil	13	38	0.55	346	0.061	1	1.90	0.013	0.04	0.1	0.03	4.5	<0.1	<0.05	5	<0.5	<0.2
141151	Soil	9	30	0.43	223	0.053	1	1.98	0.009	0.05	0.1	0.03	3.3	<0.1	<0.05	7	<0.5	<0.2
141152	Soil	14	23	0.33	98	0.065	<1	1.53	0.006	0.08	0.2	0.01	2.8	<0.1	<0.05	7	<0.5	<0.2
141153	Soil	15	30	0.39	180	0.026	1	1.95	0.007	0.05	0.1	0.02	3.6	0.1	<0.05	7	<0.5	<0.2
141154	Soil	16	27	0.56	264	0.035	2	1.81	0.008	0.08	0.2	0.03	5.9	<0.1	<0.05	6	<0.5	<0.2
141155	Soil	21	32	0.64	396	0.039	1	1.78	0.009	0.08	0.2	0.05	9.4	0.1	<0.05	6	0.5	<0.2
141157	Soil	10	25	0.38	225	0.043	1	1.38	0.012	0.04	0.2	0.05	2.5	<0.1	<0.05	4	<0.5	<0.2
141158	Soil	10	27	0.40	297	0.043	1	1.62	0.010	0.03	0.2	0.04	2.7	<0.1	<0.05	5	<0.5	<0.2
141159	Soil	10	26	0.34	305	0.039	<1	1.74	0.012	0.03	0.2	0.06	2.8	<0.1	0.05	5	<0.5	<0.2
141161	Soil	13	31	0.34	383	0.062	1	1.49	0.010	0.04	0.2	0.04	3.9	<0.1	<0.05	5	<0.5	<0.2
141162	Soil	12	37	0.50	415	0.046	<1	2.24	0.010	0.05	0.2	0.04	3.9	<0.1	<0.05	7	0.5	<0.2
141163	Soil	7	18	0.15	85	0.034	<1	1.40	0.006	0.03	0.1	0.03	1.8	<0.1	<0.05	7	<0.5	<0.2
141164	Soil	10	31	0.44	233	0.054	1	2.16	0.008	0.04	0.1	0.03	3.0	<0.1	<0.05	5	<0.5	<0.2



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Project: Ten Mile

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
141165	Soil	0.9	17.0	15.1	51	<0.1	17.3	7.7	253	2.53	7.9	0.6	5.5	3.4	18	0.1	0.5	0.2	60	0.16	0.024
141166	Soil	0.9	13.4	13.7	47	<0.1	15.6	6.7	215	3.12	9.7	0.6	2.4	2.6	15	0.1	0.5	0.2	73	0.14	0.032
141167	Soil	1.3	12.5	13.4	61	0.3	11.9	7.4	282	2.74	5.6	0.3	1.8	2.0	11	0.4	0.5	0.3	71	0.10	0.043
141168	Soil	1.3	11.8	14.3	57	0.2	10.3	5.9	304	3.49	8.1	0.4	2.3	2.0	8	0.3	0.6	0.3	79	0.08	0.041
141169	Soil	1.0	12.5	14.2	71	0.1	14.4	8.3	542	3.13	7.8	0.4	2.2	2.1	12	0.3	0.5	0.2	83	0.11	0.035
141170	Soil	1.1	17.1	14.1	87	0.3	15.8	9.1	531	3.26	8.2	0.5	3.1	1.0	18	0.4	0.5	0.2	76	0.15	0.069
141171	Soil	0.9	14.5	12.7	134	0.2	14.1	10.9	1023	2.82	6.5	0.3	3.3	1.4	21	0.8	0.4	0.2	75	0.16	0.105
141172	Soil	1.1	15.8	11.9	50	0.1	15.2	13.3	1872	2.54	6.9	0.4	1.3	1.0	30	0.3	0.4	0.3	64	0.24	0.088
141173	Soil	0.9	26.5	12.9	70	0.3	21.1	11.9	976	2.96	8.1	0.8	1.9	2.0	24	0.4	0.5	0.2	66	0.22	0.059
141174	Soil	0.6	21.2	25.5	61	0.2	21.0	9.0	296	2.54	7.2	1.6	8.7	3.9	27	0.2	0.7	0.2	59	0.23	0.044
141176	Soil	1.1	12.5	151.3	53	<0.1	16.1	6.4	261	3.35	9.9	0.4	3.1	1.7	15	0.2	0.6	0.2	72	0.14	0.037
141177	Soil	0.6	17.8	67.5	62	<0.1	19.1	8.0	298	2.33	6.2	0.8	54.4	2.7	17	0.3	0.4	0.1	57	0.16	0.029
141179	Soil	1.2	25.0	22.7	60	<0.1	26.5	14.6	671	3.44	13.0	1.8	13.1	10.7	14	0.1	0.8	0.2	63	0.14	0.032
141180	Soil	1.1	16.3	41.9	65	<0.1	21.3	9.3	347	3.02	10.7	0.7	5.5	3.9	15	0.2	0.6	0.3	64	0.16	0.036
141181	Soil	0.7	11.8	56.1	47	<0.1	14.5	5.4	251	2.03	5.4	0.5	49.2	2.1	13	0.2	0.4	0.1	48	0.16	0.036
141182	Soil	1.0	35.1	76.0	28	0.2	10.6	2.5	63	1.63	2.4	0.6	2.3	0.3	19	0.7	0.4	0.2	42	0.13	0.039
141183	Soil	1.1	38.4	44.5	59	0.3	18.1	4.9	518	1.68	2.8	0.8	9.1	0.2	24	1.3	0.5	0.2	41	0.16	0.120
141184	Soil	1.2	15.6	11.8	20	<0.1	6.5	2.0	88	1.54	3.1	0.3	2.1	0.6	12	0.2	0.5	0.2	62	0.07	0.049
141185	Soil	0.9	14.5	16.4	42	<0.1	13.6	4.9	271	2.10	5.4	0.4	10.2	0.6	12	0.2	0.5	0.2	58	0.10	0.035
141186	Soil	1.1	19.2	16.2	62	<0.1	25.2	10.6	570	2.76	9.0	0.7	67.8	2.4	27	0.2	0.7	0.2	63	0.25	0.040
141187	Soil	0.4	4.3	4.9	10	<0.1	3.0	1.0	43	0.56	0.7	0.1	3.1	0.2	9	0.1	0.2	<0.1	17	0.06	0.018
141188	Soil	1.4	19.4	27.4	62	<0.1	25.0	9.7	361	3.30	10.9	0.6	8.6	3.2	23	0.1	0.7	0.2	75	0.19	0.038
141189	Soil	1.2	13.8	21.9	89	<0.1	14.1	7.9	592	3.04	7.1	0.4	3.4	1.5	23	0.6	0.5	0.3	76	0.15	0.046
141190	Soil	1.4	14.8	22.4	60	0.1	18.1	7.5	267	3.04	9.1	0.4	3.8	2.5	13	0.2	0.5	0.2	77	0.12	0.046
141191	Soil	1.8	18.0	32.4	70	0.1	19.7	14.6	735	3.39	11.2	0.5	51.9	2.4	14	0.2	0.6	0.2	89	0.12	0.046
141192	Soil	0.6	21.1	23.5	54	<0.1	19.0	8.0	406	2.40	7.0	1.1	13.9	3.1	26	0.1	0.5	0.2	56	0.24	0.030
141193	Soil	1.2	17.2	21.6	56	<0.1	20.6	8.2	273	3.05	9.6	0.7	10.0	2.4	21	0.1	0.5	0.2	77	0.19	0.031
141194	Soil	1.8	17.8	21.6	64	<0.1	21.4	8.9	450	3.28	11.7	0.6	5.2	2.0	19	0.2	0.7	0.2	81	0.17	0.049
141195	Soil	1.6	19.1	26.4	57	0.1	20.5	10.5	724	3.36	11.1	0.6	7.0	2.2	20	0.1	0.6	0.3	85	0.16	0.056
141196	Soil	1.0	30.4	34.3	76	0.2	28.0	10.0	324	2.80	176.5	1.3	21.4	4.3	27	0.3	0.8	0.2	56	0.27	0.059



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
141165	Soil	11	31	0.41	211	0.061	<1	1.88	0.009	0.03	0.1	0.03	3.4	<0.1	<0.05	6	0.6	<0.2
141166	Soil	10	33	0.41	184	0.058	1	2.08	0.009	0.04	0.1	0.03	3.3	0.1	<0.05	8	<0.5	<0.2
141167	Soil	8	24	0.20	149	0.050	<1	1.65	0.007	0.04	0.2	0.03	1.7	<0.1	<0.05	8	<0.5	<0.2
141168	Soil	8	28	0.22	117	0.066	<1	1.72	0.007	0.04	0.2	0.02	1.9	0.1	0.06	9	<0.5	<0.2
141169	Soil	9	29	0.39	222	0.075	<1	1.97	0.007	0.03	0.1	0.02	2.9	<0.1	<0.05	9	<0.5	<0.2
141170	Soil	8	30	0.37	244	0.052	<1	1.91	0.009	0.05	0.1	0.03	2.1	<0.1	<0.05	8	<0.5	<0.2
141171	Soil	8	25	0.28	316	0.046	<1	1.72	0.009	0.04	0.1	0.03	1.9	<0.1	0.06	8	<0.5	<0.2
141172	Soil	7	25	0.33	324	0.059	<1	1.53	0.013	0.06	0.1	0.03	2.2	0.1	<0.05	7	<0.5	<0.2
141173	Soil	12	30	0.43	361	0.051	<1	2.27	0.011	0.06	0.1	0.04	3.1	<0.1	<0.05	7	<0.5	<0.2
141174	Soil	15	34	0.48	269	0.061	1	1.98	0.011	0.05	0.2	0.06	4.7	<0.1	<0.05	6	<0.5	<0.2
141176	Soil	9	30	0.36	116	0.057	<1	2.15	0.010	0.04	0.2	0.05	2.6	0.1	<0.05	8	0.7	<0.2
141177	Soil	11	30	0.45	140	0.051	<1	1.74	0.011	0.04	0.2	0.04	3.1	<0.1	<0.05	5	<0.5	<0.2
141179	Soil	13	42	0.50	175	0.058	2	2.96	0.011	0.06	0.2	0.05	4.1	0.2	<0.05	7	<0.5	<0.2
141180	Soil	15	32	0.50	140	0.056	1	2.36	0.010	0.06	0.2	0.03	2.9	0.1	<0.05	7	0.6	<0.2
141181	Soil	9	24	0.36	82	0.058	<1	1.37	0.009	0.03	0.2	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
141182	Soil	8	19	0.11	147	0.034	<1	1.08	0.009	0.03	0.1	0.04	1.1	<0.1	<0.05	6	<0.5	<0.2
141183	Soil	11	21	0.13	300	0.022	<1	1.17	0.017	0.06	<0.1	0.05	0.9	0.1	<0.05	5	<0.5	<0.2
141184	Soil	7	16	0.09	98	0.057	<1	0.82	0.009	0.04	0.1	0.02	1.2	<0.1	<0.05	6	<0.5	<0.2
141185	Soil	8	25	0.31	111	0.053	<1	1.48	0.010	0.05	0.1	0.03	1.8	<0.1	<0.05	6	<0.5	<0.2
141186	Soil	12	36	0.53	321	0.068	1	1.99	0.011	0.05	0.2	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
141187	Soil	3	7	0.03	44	0.019	<1	0.31	0.019	0.02	<0.1	0.02	0.2	<0.1	<0.05	3	<0.5	<0.2
141188	Soil	11	38	0.52	256	0.081	1	2.38	0.011	0.07	0.2	0.02	3.5	0.1	<0.05	8	<0.5	<0.2
141189	Soil	10	27	0.32	301	0.075	<1	1.49	0.012	0.05	0.1	0.02	2.2	<0.1	<0.05	8	<0.5	<0.2
141190	Soil	10	31	0.41	183	0.061	1	1.96	0.008	0.05	0.2	0.02	2.5	0.1	<0.05	8	<0.5	<0.2
141191	Soil	10	37	0.49	209	0.073	1	2.36	0.011	0.05	0.2	0.02	3.3	0.1	<0.05	9	<0.5	<0.2
141192	Soil	18	30	0.49	233	0.070	1	1.55	0.012	0.05	0.1	0.03	3.5	<0.1	<0.05	5	<0.5	<0.2
141193	Soil	12	35	0.50	249	0.080	1	2.26	0.011	0.05	0.2	0.01	3.5	<0.1	<0.05	7	<0.5	<0.2
141194	Soil	12	38	0.50	224	0.072	<1	2.06	0.009	0.08	0.2	0.02	3.3	0.1	<0.05	9	<0.5	<0.2
141195	Soil	12	37	0.46	239	0.068	1	2.21	0.010	0.08	0.1	0.01	3.4	0.1	<0.05	9	<0.5	<0.2
141196	Soil	15	36	0.51	277	0.074	1	1.76	0.014	0.07	0.2	0.03	3.7	<0.1	<0.05	5	<0.5	<0.2



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
141197	Soil	1.7	18.5	39.0	67	0.2	26.6	8.7	341	2.63	198.8	0.8	20.3	2.9	24	0.1	0.7	0.2	61	0.23	0.062
141198	Soil	1.5	24.1	27.1	73	0.3	24.0	7.3	173	2.36	105.2	1.5	27.5	1.4	21	0.3	0.6	0.3	57	0.17	0.055
141200	Soil	1.8	38.4	77.6	100	0.6	36.2	9.3	208	3.95	530.2	2.5	142.9	3.4	18	0.4	1.1	0.3	65	0.15	0.071
141201	Soil	1.1	14.8	16.1	79	0.1	20.0	7.6	429	3.12	8.6	0.4	3.9	0.9	19	0.4	0.5	0.2	72	0.16	0.067
141202	Soil	1.1	18.2	13.8	54	<0.1	20.7	8.8	403	2.48	8.2	0.6	6.8	2.1	25	0.2	0.5	0.2	62	0.20	0.038
141203	Soil	1.3	20.7	15.0	55	0.1	21.4	8.1	274	2.91	9.0	0.7	6.9	1.8	24	0.2	0.6	0.2	70	0.20	0.027
141204	Soil	1.1	20.3	16.1	61	<0.1	20.4	12.0	445	3.15	8.8	1.0	3.5	3.3	24	0.1	0.4	0.2	76	0.22	0.037
141205	Soil	0.8	19.3	16.9	53	<0.1	19.3	8.9	350	2.45	7.2	1.1	3.4	3.2	24	<0.1	0.4	0.2	59	0.25	0.031
141206	Soil	1.0	20.0	24.0	49	<0.1	20.9	8.1	399	2.18	6.7	1.1	48.2	2.6	26	0.1	0.4	0.1	52	0.27	0.036
141207	Soil	7.6	29.5	63.4	29	0.3	14.4	3.2	119	3.23	969.6	1.5	115.6	5.9	62	0.5	2.2	0.5	34	0.04	0.032
141208	Soil	1.4	20.7	16.0	48	0.2	24.1	11.3	274	3.32	107.2	0.8	7.8	4.6	16	0.1	0.7	0.2	67	0.14	0.025
141209	Soil	1.2	21.6	15.2	28	<0.1	16.4	5.4	166	2.27	41.9	0.5	4.3	0.4	17	0.1	0.4	0.2	71	0.14	0.039
141210	Soil	1.0	18.3	22.1	43	<0.1	16.4	5.6	266	2.58	60.3	0.4	6.1	0.4	13	0.1	0.5	0.3	57	0.12	0.036
141211	Soil	0.7	26.9	13.2	19	<0.1	8.5	2.9	102	1.26	4.4	0.5	5.9	<0.1	11	0.2	0.2	0.2	38	0.08	0.036
141212	Soil	0.6	19.1	7.5	27	<0.1	10.8	5.1	163	1.46	12.8	0.3	2.3	0.3	11	<0.1	0.3	0.1	51	0.11	0.023
141213	Soil	0.4	80.1	5.5	41	0.1	323.3	33.8	579	2.25	6.4	0.6	5.4	0.5	61	<0.1	0.3	<0.1	45	0.57	0.034
141214	Soil	0.2	69.6	17.1	72	0.3	242.2	31.9	509	2.70	19.9	0.8	6.9	1.1	65	<0.1	0.5	0.2	62	0.76	0.035
141215	Soil	1.6	16.1	13.6	54	0.2	32.7	8.2	256	2.93	84.9	0.5	6.1	3.0	23	0.1	0.8	0.2	68	0.23	0.021
141216	Soil	1.3	20.8	24.3	65	0.4	39.0	8.8	172	2.73	120.4	0.7	41.8	4.2	20	0.2	0.7	0.2	57	0.15	0.019
141217	Soil	1.8	18.2	40.7	63	0.1	32.7	9.1	281	3.35	314.9	0.5	41.1	2.8	21	0.3	0.8	0.3	67	0.16	0.030
141218	Soil	1.7	22.2	47.1	74	0.1	34.1	11.8	308	3.33	322.7	0.5	54.9	3.2	21	0.3	0.9	0.3	62	0.17	0.030
141219	Soil	1.6	25.8	21.4	64	<0.1	32.4	10.1	233	2.99	199.1	0.8	33.5	2.1	23	0.1	0.8	0.2	60	0.16	0.030
141220	Soil	1.4	24.9	22.5	63	<0.1	30.7	10.1	287	2.96	169.9	0.8	26.8	3.8	16	0.1	1.0	0.2	56	0.13	0.033
141221	Soil	1.5	19.8	22.0	44	<0.1	28.0	5.8	167	2.49	36.1	0.6	2.6	3.6	13	0.1	0.7	0.3	72	0.11	0.019
141222	Soil	1.1	39.6	11.1	29	<0.1	100.1	12.0	153	1.80	11.2	0.3	1.8	1.4	27	<0.1	0.4	0.1	53	0.18	0.013
141223	Soil	0.6	64.9	8.1	49	0.1	34.4	14.1	295	2.90	18.8	0.4	5.4	1.3	30	<0.1	0.3	0.1	94	0.31	0.018
141224	Soil	0.8	63.3	23.1	73	<0.1	74.2	19.0	502	3.59	61.0	0.8	12.1	2.9	27	<0.1	0.6	0.2	81	0.27	0.030
141225	Soil	0.9	39.1	27.6	57	<0.1	33.7	14.2	421	3.33	245.1	1.2	43.8	4.4	16	0.1	0.8	0.2	66	0.15	0.025
141226	Soil	1.4	34.2	21.6	62	0.2	26.8	9.0	308	2.66	273.8	1.5	31.9	3.1	24	<0.1	1.0	0.2	49	0.23	0.050
141227	Soil	1.6	20.4	43.5	54	<0.1	22.4	8.9	277	3.55	145.5	0.8	6.9	2.4	18	0.2	0.8	0.2	68	0.13	0.037



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
141197	Soil	14	34	0.46	202	0.059	2	1.59	0.012	0.07	0.2	0.04	2.5	<0.1	<0.05	5	0.7	<0.2
141198	Soil	13	32	0.41	264	0.054	1	1.66	0.009	0.07	0.1	0.05	2.6	0.1	0.05	6	1.4	<0.2
141200	Soil	18	38	0.47	416	0.042	2	2.51	0.010	0.08	0.2	0.07	5.3	0.2	<0.05	7	0.7	<0.2
141201	Soil	8	29	0.42	234	0.064	1	1.96	0.011	0.06	0.2	0.03	2.3	<0.1	<0.05	8	<0.5	<0.2
141202	Soil	12	32	0.44	303	0.069	<1	1.94	0.011	0.05	0.1	0.03	3.0	<0.1	<0.05	6	<0.5	<0.2
141203	Soil	12	34	0.45	346	0.074	1	2.23	0.012	0.06	0.1	0.02	3.3	0.1	<0.05	7	<0.5	<0.2
141204	Soil	14	36	0.54	236	0.085	1	2.35	0.011	0.07	0.2	0.02	4.3	0.1	<0.05	8	<0.5	<0.2
141205	Soil	18	34	0.52	250	0.077	1	1.80	0.013	0.04	0.1	0.03	3.8	<0.1	<0.05	6	<0.5	<0.2
141206	Soil	15	32	0.49	239	0.070	<1	1.56	0.013	0.05	0.2	0.03	3.5	<0.1	<0.05	5	0.5	<0.2
141207	Soil	25	15	0.07	196	0.009	<1	0.93	0.007	0.16	0.2	0.01	1.6	0.1	0.20	6	0.8	<0.2
141208	Soil	13	35	0.44	181	0.068	2	2.40	0.014	0.06	0.1	0.04	3.3	0.1	<0.05	7	0.5	<0.2
141209	Soil	9	37	0.38	139	0.055	1	1.37	0.011	0.05	<0.1	0.02	2.2	0.1	<0.05	7	<0.5	<0.2
141210	Soil	9	25	0.36	98	0.038	<1	1.19	0.011	0.05	<0.1	0.02	1.4	<0.1	<0.05	5	<0.5	<0.2
141211	Soil	7	27	0.25	115	0.034	2	0.82	0.009	0.04	<0.1	0.04	0.7	0.1	0.05	5	<0.5	<0.2
141212	Soil	5	22	0.35	76	0.058	2	0.81	0.009	0.05	<0.1	0.02	1.9	<0.1	0.05	5	0.6	<0.2
141213	Soil	4	382	3.67	234	0.047	1	2.66	0.013	0.03	<0.1	0.02	4.3	0.2	<0.05	5	<0.5	<0.2
141214	Soil	6	381	3.66	258	0.048	2	2.74	0.007	0.06	<0.1	0.05	7.7	0.1	<0.05	7	<0.5	<0.2
141215	Soil	10	56	0.58	197	0.057	1	1.55	0.009	0.05	0.2	<0.01	2.6	0.1	<0.05	7	<0.5	<0.2
141216	Soil	11	60	0.56	216	0.052	2	2.09	0.013	0.05	0.2	0.04	3.1	0.2	<0.05	6	<0.5	<0.2
141217	Soil	11	59	0.55	194	0.054	1	1.72	0.009	0.05	0.2	0.02	2.9	<0.1	<0.05	7	<0.5	<0.2
141218	Soil	12	52	0.57	212	0.046	<1	1.93	0.009	0.05	0.2	0.02	3.0	0.1	<0.05	7	<0.5	<0.2
141219	Soil	11	45	0.53	293	0.044	<1	1.95	0.009	0.05	0.2	0.02	3.0	<0.1	<0.05	6	<0.5	<0.2
141220	Soil	19	39	0.47	227	0.031	1	1.87	0.008	0.05	0.1	0.01	2.7	0.2	<0.05	6	0.6	<0.2
141221	Soil	13	52	0.52	123	0.087	<1	1.54	0.009	0.05	0.1	<0.01	2.3	0.1	<0.05	8	<0.5	<0.2
141222	Soil	7	105	0.84	162	0.081	<1	1.32	0.012	0.03	0.1	0.01	2.2	0.1	<0.05	5	<0.5	<0.2
141223	Soil	5	73	1.11	331	0.110	2	1.81	0.012	0.04	<0.1	0.02	4.0	<0.1	<0.05	7	<0.5	<0.2
141224	Soil	11	138	1.45	342	0.097	2	2.61	0.012	0.12	0.1	0.01	4.9	0.3	<0.05	7	<0.5	<0.2
141225	Soil	15	42	0.60	187	0.064	1	2.13	0.009	0.07	0.1	0.03	4.1	0.1	<0.05	6	<0.5	<0.2
141226	Soil	18	35	0.53	299	0.060	<1	1.68	0.012	0.07	0.2	0.03	3.0	<0.1	<0.05	5	<0.5	<0.2
141227	Soil	12	33	0.39	152	0.059	1	1.96	0.009	0.05	0.2	0.03	2.2	<0.1	<0.05	7	0.6	<0.2



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
141228	Soil	1.6	22.3	64.3	56	<0.1	25.6	6.8	234	3.40	207.9	0.9	9.3	2.7	16	0.2	1.0	0.3	73	0.12	0.034
141229	Soil	0.9	10.9	14.6	26	<0.1	8.8	3.7	127	3.03	39.3	0.5	6.4	1.9	11	<0.1	0.5	0.3	77	0.09	0.035
141230	Soil	0.9	13.9	14.1	40	<0.1	16.9	7.2	209	3.30	45.8	0.8	21.2	2.1	16	0.2	0.5	0.2	64	0.15	0.053
141231	Soil	1.3	23.8	25.6	61	0.3	27.6	10.4	355	3.39	546.3	0.8	84.5	5.4	20	0.1	0.8	0.3	70	0.17	0.029
141232	Soil	1.2	19.5	20.5	52	0.2	17.8	6.6	210	2.70	177.7	0.7	17.8	5.3	12	<0.1	0.7	0.3	60	0.11	0.021
141233	Soil	7.4	50.9	24.6	148	0.5	60.0	11.4	437	3.23	368.9	1.2	7.0	1.6	30	0.9	1.8	1.1	66	0.10	0.071
141235	Soil	0.7	17.6	33.5	67	0.2	18.6	9.5	428	2.38	7.8	1.2	11.7	2.8	21	0.3	0.6	0.2	57	0.22	0.060
141236	Soil	0.8	11.3	20.8	65	<0.1	16.3	8.3	575	2.17	6.8	0.7	11.7	1.9	23	0.2	0.5	0.2	50	0.21	0.050
141237	Soil	0.6	15.8	21.8	54	<0.1	15.3	7.1	418	2.01	6.0	1.1	15.9	2.7	20	0.2	0.4	0.1	48	0.22	0.048
141238	Soil	0.8	13.0	17.7	47	<0.1	12.6	6.3	312	2.60	7.1	0.4	7.9	2.5	15	0.2	0.5	0.2	68	0.14	0.023
141239	Soil	0.9	16.4	17.6	60	<0.1	21.0	9.1	461	2.55	8.2	0.7	10.9	2.9	17	0.3	0.5	0.2	62	0.16	0.030
141240	Soil	1.3	60.7	29.4	20	0.4	16.2	3.1	78	1.79	4.4	2.0	7.7	0.2	18	0.6	0.4	0.2	39	0.12	0.124
141241	Soil	0.7	17.2	13.3	49	<0.1	17.5	7.9	356	2.37	6.8	0.6	23.4	2.9	19	0.2	0.5	0.1	57	0.18	0.024
141242	Soil	1.3	17.2	12.0	39	<0.1	12.5	4.9	235	2.66	7.8	0.4	2.7	1.0	12	0.2	0.6	0.2	68	0.10	0.031
141243	Soil	0.8	24.3	17.7	60	<0.1	23.0	10.3	429	2.59	8.4	0.8	10.3	2.9	26	0.1	0.6	0.2	60	0.28	0.045
141244	Soil	0.9	8.8	23.1	22	<0.1	8.3	2.8	94	1.51	5.2	0.4	2.6	0.7	11	<0.1	0.4	0.2	61	0.09	0.038
141245	Soil	0.8	11.7	20.8	20	<0.1	8.3	2.9	80	1.61	5.1	0.5	1.4	0.3	15	0.1	0.4	0.2	56	0.11	0.061
141246	Soil	1.0	19.8	12.9	55	<0.1	23.0	10.4	308	3.07	10.9	0.5	4.5	2.4	15	0.2	0.6	0.2	66	0.16	0.024
141247	Soil	0.6	10.7	11.6	22	<0.1	7.8	2.3	77	0.84	3.2	0.3	5.4	<0.1	10	0.3	0.2	<0.1	24	0.09	0.037
141248	Soil	1.1	14.6	12.4	47	0.2	10.4	7.3	653	2.25	4.7	0.4	2.2	0.9	11	0.2	0.4	0.3	61	0.09	0.061
141249	Soil	1.2	16.3	16.6	66	<0.1	22.7	9.2	407	2.92	11.4	0.5	5.2	2.8	19	0.2	0.5	0.2	68	0.19	0.039
141250	Soil	1.2	14.5	16.1	63	0.1	17.1	6.8	309	3.06	10.6	0.6	3.6	1.6	19	0.2	0.5	0.3	77	0.17	0.055
141251	Soil	1.2	27.2	112.4	70	0.2	26.1	8.2	372	2.57	372.5	1.0	107.1	4.4	20	0.3	0.9	0.2	49	0.19	0.046
141252	Soil	1.6	37.9	33.0	109	0.3	29.6	9.4	351	2.87	299.2	2.4	48.4	4.7	31	0.5	0.9	0.2	60	0.26	0.069
141253	Soil	1.2	20.7	36.4	83	0.3	23.7	8.9	356	2.47	213.7	1.2	37.1	2.8	28	0.3	0.7	0.2	56	0.26	0.061
141255	Soil	1.0	14.0	27.2	57	0.4	20.8	5.3	128	2.00	114.2	1.3	28.2	1.5	19	0.2	0.5	0.3	40	0.17	0.050
141256	Soil	1.5	22.7	35.6	73	0.3	28.9	14.6	484	3.11	238.7	1.2	30.9	4.7	32	0.2	0.9	0.3	61	0.34	0.057
141257	Soil	1.3	23.3	34.2	72	0.3	29.6	15.2	585	3.06	241.5	1.2	27.7	4.6	34	0.2	0.9	0.3	59	0.35	0.058
141258	Soil	1.4	23.0	28.0	69	0.2	33.5	14.6	697	2.83	152.7	1.3	17.1	3.6	39	0.2	0.8	0.3	55	0.34	0.055
141259	Soil	0.4	54.1	7.4	30	0.2	179.4	17.1	197	1.82	9.4	0.4	2.2	1.1	29	<0.1	0.2	<0.1	43	0.26	0.013



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
141228	Soil	14	35	0.37	142	0.059	<1	1.82	0.009	0.08	0.2	<0.01	2.3	0.1	<0.05	8	0.5	<0.2
141229	Soil	10	25	0.28	95	0.085	<1	1.34	0.006	0.04	0.1	0.03	1.6	0.1	<0.05	9	<0.5	<0.2
141230	Soil	10	35	0.41	137	0.066	<1	2.44	0.009	0.04	0.1	0.04	2.9	0.1	<0.05	6	0.5	<0.2
141231	Soil	16	42	0.58	193	0.059	1	2.41	0.009	0.07	0.2	0.02	3.3	0.1	<0.05	7	<0.5	<0.2
141232	Soil	16	29	0.41	147	0.058	<1	1.83	0.009	0.06	0.2	<0.01	2.5	0.2	<0.05	8	<0.5	<0.2
141233	Soil	16	48	0.50	142	0.050	<1	1.22	0.010	0.12	0.2	0.03	2.4	0.2	0.06	6	1.2	<0.2
141235	Soil	12	31	0.45	257	0.058	2	1.93	0.015	0.06	0.2	0.04	4.0	0.1	<0.05	6	<0.5	<0.2
141236	Soil	10	28	0.42	203	0.056	1	1.67	0.011	0.06	0.2	0.02	2.4	<0.1	<0.05	6	<0.5	<0.2
141237	Soil	12	24	0.37	189	0.059	1	1.36	0.011	0.04	0.2	0.04	3.0	<0.1	<0.05	5	<0.5	<0.2
141238	Soil	9	24	0.28	196	0.082	<1	1.42	0.007	0.03	0.1	0.02	1.9	<0.1	<0.05	7	<0.5	<0.2
141239	Soil	11	31	0.41	206	0.066	1	2.03	0.010	0.05	0.2	0.02	2.7	<0.1	<0.05	6	<0.5	<0.2
141240	Soil	13	26	0.10	257	0.009	1	1.33	0.009	0.03	<0.1	0.05	0.6	0.1	0.05	6	0.7	<0.2
141241	Soil	10	30	0.44	167	0.077	1	1.68	0.010	0.05	0.2	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
141242	Soil	8	25	0.24	104	0.045	<1	1.61	0.007	0.04	0.1	0.04	2.0	<0.1	<0.05	7	<0.5	<0.2
141243	Soil	15	35	0.52	282	0.079	2	1.76	0.012	0.06	0.2	0.02	4.4	<0.1	<0.05	5	<0.5	<0.2
141244	Soil	9	22	0.19	104	0.077	1	1.15	0.008	0.04	<0.1	0.02	1.7	0.1	<0.05	7	<0.5	<0.2
141245	Soil	11	21	0.17	150	0.054	<1	1.29	0.009	0.03	<0.1	0.02	1.5	0.1	<0.05	7	<0.5	<0.2
141246	Soil	11	38	0.53	176	0.064	1	2.52	0.011	0.06	0.1	0.02	2.9	<0.1	<0.05	7	<0.5	<0.2
141247	Soil	7	16	0.11	121	0.018	<1	0.66	0.009	0.03	0.2	0.04	0.5	<0.1	<0.05	3	<0.5	<0.2
141248	Soil	6	21	0.18	153	0.045	<1	1.07	0.011	0.04	0.1	0.03	1.5	0.1	<0.05	6	<0.5	<0.2
141249	Soil	11	37	0.52	272	0.053	<1	2.07	0.008	0.06	0.2	0.02	2.9	<0.1	<0.05	6	<0.5	<0.2
141250	Soil	13	32	0.47	216	0.058	<1	1.75	0.008	0.06	0.2	0.02	2.8	0.1	<0.05	8	<0.5	<0.2
141251	Soil	15	26	0.32	200	0.043	<1	1.23	0.008	0.06	0.2	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
141252	Soil	16	35	0.48	524	0.070	<1	1.72	0.014	0.07	0.2	0.04	4.1	0.1	<0.05	5	0.9	<0.2
141253	Soil	11	34	0.41	344	0.061	<1	1.69	0.012	0.05	0.2	0.05	3.4	<0.1	<0.05	5	<0.5	<0.2
141255	Soil	11	32	0.41	277	0.031	<1	1.60	0.009	0.04	0.1	0.05	2.9	0.1	<0.05	6	0.7	<0.2
141256	Soil	15	38	0.56	248	0.055	1	1.80	0.012	0.08	0.1	0.03	3.9	0.1	<0.05	5	<0.5	<0.2
141257	Soil	16	38	0.56	266	0.056	1	1.82	0.011	0.08	0.2	0.04	3.9	0.1	<0.05	5	<0.5	<0.2
141258	Soil	16	42	0.61	305	0.051	<1	1.80	0.011	0.07	0.1	0.04	4.2	0.1	<0.05	5	<0.5	<0.2
141259	Soil	5	182	1.54	184	0.054	<1	1.56	0.013	0.03	<0.1	0.01	2.4	0.2	<0.05	4	<0.5	<0.2



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
141260	Soil	1.0	81.1	16.7	70	0.4	35.4	13.5	377	3.55	33.6	0.8	7.3	2.5	44	0.1	0.5	0.2	101	0.58	0.034
141261	Soil	1.2	74.0	35.0	66	0.8	36.4	15.9	527	3.21	162.0	3.8	27.5	2.3	127	0.4	0.8	0.3	66	1.26	0.056
141262	Soil	0.8	28.8	19.8	71	0.1	25.0	10.6	434	2.80	8.1	1.8	75.8	3.8	24	0.2	0.6	0.2	62	0.26	0.052
141263	Soil	1.1	14.6	17.8	56	<0.1	19.4	10.4	550	3.38	10.8	0.6	6.1	2.5	15	0.2	0.6	0.2	71	0.16	0.039
141264	Soil	0.8	13.6	13.9	63	<0.1	18.8	6.4	291	3.12	8.9	0.5	5.0	2.1	14	0.2	0.5	0.2	76	0.15	0.034
141265	Soil	0.8	12.7	15.9	54	<0.1	19.3	8.4	276	3.09	9.0	0.4	8.2	2.8	12	0.2	0.5	0.1	61	0.14	0.025
141266	Soil	1.1	19.5	12.8	52	<0.1	19.5	7.3	289	3.61	11.6	0.5	3.7	2.3	12	0.1	0.6	0.2	74	0.12	0.033
141267	Soil	1.2	14.5	10.0	48	0.1	10.2	9.0	428	2.36	5.7	0.5	3.0	1.8	9	0.2	0.4	0.2	61	0.09	0.031
141268	Soil	1.2	16.2	13.2	83	0.1	20.0	8.4	358	3.41	10.0	0.5	1.4	1.8	14	0.4	0.6	0.2	84	0.13	0.047
141269	Soil	1.3	15.6	12.6	59	0.2	19.0	8.2	350	3.38	10.6	0.5	2.9	2.5	16	0.3	0.6	0.2	83	0.14	0.028
141270	Soil	1.2	15.6	12.0	59	0.2	18.0	10.1	898	2.95	9.4	0.5	2.0	1.5	18	0.2	0.5	0.2	75	0.18	0.049
141271	Soil	1.3	17.6	15.8	60	0.1	23.3	9.1	442	2.93	10.2	0.7	6.0	2.1	22	0.1	0.5	0.2	74	0.21	0.034
141272	Soil	1.1	18.5	14.3	53	0.2	17.4	11.1	512	2.83	9.1	0.8	3.7	2.0	25	0.1	0.5	0.2	69	0.21	0.037
141273	Soil	1.1	18.0	15.7	53	0.2	18.6	9.6	425	2.86	9.7	0.8	2.6	1.9	25	0.1	0.4	0.2	72	0.23	0.039
141274	Soil	1.2	16.7	16.8	67	0.2	15.2	10.8	603	3.04	7.8	0.4	1.6	1.9	13	0.4	0.5	0.2	74	0.11	0.049
141275	Soil	1.1	11.4	16.7	52	0.1	14.6	6.8	309	2.77	7.9	0.4	3.5	2.4	21	0.3	0.5	0.2	79	0.19	0.024
141276	Soil	1.1	16.8	14.9	58	0.1	23.6	10.1	307	3.22	9.8	0.5	5.0	3.3	17	0.2	0.5	0.2	79	0.14	0.019
141277	Soil	0.8	14.2	34.8	63	0.2	14.5	10.8	1422	2.36	4.9	0.5	2.3	1.7	27	0.6	0.4	0.3	60	0.22	0.036
141278	Soil	1.0	12.8	29.6	48	0.1	13.7	6.4	299	2.44	7.3	0.6	6.3	2.2	26	0.2	0.4	0.2	68	0.18	0.021
141279	Soil	0.7	12.9	20.3	47	0.2	13.5	8.9	726	2.13	4.6	0.6	5.5	1.8	32	0.1	0.4	0.2	60	0.25	0.028
141280	Soil	0.7	14.0	25.6	50	0.1	15.4	7.7	403	2.25	6.8	1.1	7.4	3.1	27	0.2	0.4	0.3	56	0.21	0.021
141281	Soil	0.8	14.5	41.0	60	0.3	14.4	6.8	552	2.08	4.6	1.9	1.5	2.4	29	0.3	0.3	0.4	56	0.23	0.030
141282	Soil	1.0	16.1	27.1	63	0.1	21.3	12.2	941	2.69	7.5	0.5	3.2	2.7	34	0.3	0.5	0.2	69	0.27	0.020
141283	Soil	0.9	13.1	23.3	59	0.2	18.8	13.1	1095	2.52	6.0	0.5	9.9	2.2	36	0.5	0.4	0.2	67	0.26	0.023
141284	Soil	1.0	13.3	18.9	51	0.1	19.3	14.5	1108	2.78	6.1	0.4	1.5	2.0	26	0.2	0.4	0.2	72	0.19	0.027
141285	Soil	1.2	12.4	26.2	60	0.2	14.6	10.8	877	2.76	7.3	0.4	31.7	1.2	18	0.5	0.4	0.2	71	0.16	0.052
141501	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
141503	Soil	0.6	10.4	13.6	49	<0.1	10.0	5.5	205	2.11	3.7	0.3	2.0	1.4	13	0.2	0.3	0.2	59	0.09	0.015
141504	Soil	0.8	10.2	20.3	60	<0.1	15.9	6.7	312	2.34	5.6	0.3	4.4	1.8	16	0.1	0.4	0.2	61	0.14	0.023
141505	Soil	0.8	11.5	29.7	81	<0.1	12.7	7.3	521	2.28	4.2	0.4	67.5	0.5	23	0.7	0.4	0.2	61	0.20	0.032



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
141260	Soil	12	62	1.09	682	0.106	1	2.31	0.015	0.11	0.1	0.03	4.9	0.2	<0.05	8	<0.5	<0.2
141261	Soil	46	48	0.65	930	0.043	2	2.27	0.013	0.09	0.2	0.07	6.8	0.2	<0.05	7	0.8	<0.2
141262	Soil	16	39	0.56	462	0.067	1	2.22	0.011	0.07	0.2	0.06	5.9	<0.1	<0.05	6	<0.5	<0.2
141263	Soil	9	34	0.45	148	0.072	<1	2.22	0.009	0.05	0.3	0.03	3.0	<0.1	<0.05	7	0.5	<0.2
141264	Soil	10	32	0.49	145	0.072	<1	1.98	0.008	0.05	0.1	0.04	2.8	<0.1	<0.05	7	<0.5	<0.2
141265	Soil	8	32	0.43	132	0.068	<1	2.53	0.008	0.05	0.2	0.03	2.9	<0.1	<0.05	6	<0.5	<0.2
141266	Soil	9	33	0.45	113	0.069	<1	1.94	0.010	0.05	0.1	0.05	2.7	<0.1	<0.05	7	0.7	<0.2
141267	Soil	8	23	0.24	130	0.058	<1	1.49	0.013	0.04	0.1	0.03	2.0	0.1	<0.05	7	<0.5	<0.2
141268	Soil	9	35	0.44	275	0.067	1	2.23	0.008	0.05	0.1	0.04	2.9	0.1	<0.05	8	<0.5	<0.2
141269	Soil	9	34	0.49	269	0.068	<1	2.22	0.008	0.06	0.1	0.03	3.1	0.1	<0.05	8	<0.5	<0.2
141270	Soil	10	31	0.46	271	0.073	1	1.82	0.010	0.07	0.1	0.03	2.8	<0.1	<0.05	7	<0.5	<0.2
141271	Soil	12	38	0.52	380	0.073	2	2.09	0.010	0.06	0.1	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
141272	Soil	12	31	0.48	306	0.066	<1	2.04	0.011	0.05	0.1	0.02	3.3	0.1	<0.05	7	<0.5	<0.2
141273	Soil	11	32	0.48	291	0.069	<1	2.08	0.012	0.06	0.1	0.02	3.2	<0.1	<0.05	7	<0.5	<0.2
141274	Soil	9	27	0.37	193	0.069	<1	2.02	0.011	0.07	0.1	0.03	2.6	0.1	<0.05	8	<0.5	<0.2
141275	Soil	9	29	0.42	259	0.062	<1	2.14	0.007	0.05	0.1	0.02	2.8	0.1	<0.05	8	<0.5	<0.2
141276	Soil	9	38	0.49	272	0.075	<1	2.76	0.009	0.05	0.1	0.02	3.1	0.1	<0.05	8	<0.5	<0.2
141277	Soil	11	23	0.34	359	0.043	<1	1.61	0.012	0.08	<0.1	0.03	2.2	0.1	<0.05	7	<0.5	<0.2
141278	Soil	9	25	0.35	234	0.049	<1	1.68	0.007	0.07	0.2	0.02	2.4	0.1	<0.05	7	<0.5	<0.2
141279	Soil	11	23	0.34	316	0.045	<1	1.52	0.014	0.07	0.1	0.02	2.4	<0.1	<0.05	6	<0.5	<0.2
141280	Soil	12	27	0.42	245	0.045	<1	1.61	0.009	0.05	0.2	0.02	2.7	<0.1	<0.05	6	<0.5	<0.2
141281	Soil	15	24	0.35	290	0.027	<1	1.68	0.014	0.09	0.2	0.03	2.2	0.2	<0.05	7	<0.5	<0.2
141282	Soil	9	33	0.49	261	0.062	<1	1.92	0.010	0.06	0.1	0.02	2.7	0.1	<0.05	6	<0.5	<0.2
141283	Soil	8	29	0.42	271	0.055	<1	1.72	0.010	0.05	0.1	0.02	2.4	0.1	<0.05	6	<0.5	<0.2
141284	Soil	9	31	0.42	339	0.065	<1	1.97	0.012	0.05	0.1	0.02	2.5	0.1	<0.05	7	<0.5	<0.2
141285	Soil	7	27	0.32	331	0.062	1	1.56	0.009	0.06	0.2	0.02	2.2	0.1	<0.05	8	<0.5	<0.2
141501	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
141503	Soil	5	19	0.17	293	0.049	<1	1.45	0.012	0.02	0.1	0.02	1.9	<0.1	<0.05	7	<0.5	0.4
141504	Soil	7	25	0.30	341	0.044	1	1.73	0.009	0.07	<0.1	0.02	2.1	<0.1	<0.05	6	<0.5	<0.2
141505	Soil	6	22	0.25	435	0.043	2	1.33	0.017	0.05	0.2	0.02	1.6	<0.1	<0.05	6	<0.5	<0.2



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
141506	Soil	0.9	15.9	21.9	93	0.2	12.7	8.5	1497	2.49	6.6	0.8	1.1	0.7	16	1.1	0.4	0.2	57	0.14	0.060
141507	Soil	1.0	17.2	77.8	63	0.2	10.9	9.6	910	2.48	6.5	1.1	1.9	0.8	12	0.8	0.3	0.3	60	0.11	0.048
141508	Soil	1.2	14.3	13.6	61	<0.1	19.1	9.1	262	3.17	11.9	0.5	2.6	2.5	12	0.1	0.5	0.2	71	0.11	0.026
141509	Soil	0.6	13.0	7.5	13	<0.1	5.0	1.9	38	1.08	1.9	0.5	2.4	<0.1	13	0.2	0.2	0.1	23	0.09	0.108
141510	Soil	1.1	16.3	11.8	55	<0.1	16.5	7.1	312	2.59	8.4	0.5	7.3	2.3	12	0.2	0.4	0.2	62	0.12	0.027
141511	Soil	0.7	17.7	12.2	52	<0.1	18.6	8.8	395	2.40	8.6	0.8	11.6	3.0	14	0.2	0.6	0.1	55	0.13	0.026
141512	Soil	1.1	12.9	18.7	59	<0.1	15.2	7.1	378	2.98	10.9	0.6	16.8	2.2	16	0.2	0.5	0.2	78	0.14	0.033
142001	Soil	0.9	36.5	10.6	53	0.2	24.7	13.9	913	3.21	7.8	1.6	3.1	2.8	82	0.1	0.6	0.2	73	0.79	0.036
142005	Soil	0.7	12.6	11.6	30	<0.1	9.3	4.5	154	1.75	6.8	0.5	42.4	3.3	16	<0.1	0.5	0.2	33	0.06	0.017
142006	Soil	1.1	20.9	14.9	46	<0.1	21.2	8.8	277	2.91	9.1	0.9	3.4	4.0	31	<0.1	0.6	0.2	65	0.22	0.016
142007	Soil	0.4	18.8	16.6	40	<0.1	15.2	6.4	345	1.82	4.3	1.1	6.8	5.6	24	<0.1	0.6	0.1	36	0.17	0.019
142008	Soil	0.7	18.4	21.1	45	<0.1	17.0	7.4	282	2.46	7.1	0.8	15.1	3.7	24	<0.1	0.5	0.2	54	0.23	0.023
142009	Soil	0.7	15.5	22.4	45	<0.1	15.9	7.4	277	2.30	6.8	0.7	9.2	3.0	22	<0.1	0.5	0.2	50	0.20	0.023
142010	Soil	1.0	15.0	23.0	47	<0.1	14.6	6.0	169	2.64	7.6	0.5	12.7	2.5	14	0.3	0.6	0.2	68	0.08	0.033
142011	Soil	1.0	34.0	17.1	76	<0.1	23.8	10.5	255	2.90	13.6	2.1	86.9	12.0	27	<0.1	1.1	0.2	34	0.25	0.036
142012	Soil	1.2	19.0	25.9	59	<0.1	18.3	7.7	280	2.86	8.2	0.6	9.5	3.1	23	0.1	0.6	0.2	71	0.20	0.023
142013	Soil	1.0	19.8	28.5	59	<0.1	19.1	10.1	286	2.70	7.6	0.8	17.8	4.1	29	<0.1	0.6	0.2	60	0.28	0.020
142014	Soil	0.8	12.0	20.0	56	<0.1	14.7	6.2	189	2.38	6.1	0.5	17.7	2.9	28	0.2	0.5	0.2	62	0.23	0.020
142015	Soil	1.3	14.0	22.2	55	<0.1	14.7	5.9	233	3.05	9.1	0.4	11.7	2.6	10	0.2	0.7	0.2	75	0.07	0.027
142016	Soil	0.7	26.9	29.2	79	0.2	19.8	8.7	326	2.49	6.0	1.8	9.2	3.8	49	0.2	0.7	0.2	58	0.42	0.039
142017	Soil	0.8	19.5	51.0	120	0.2	15.3	9.7	484	2.27	6.5	1.6	115.4	3.2	52	0.3	0.8	0.2	58	0.35	0.045
142018	Soil	0.9	13.7	13.5	67	<0.1	16.8	6.6	248	3.30	9.8	0.4	5.7	1.4	10	0.3	0.5	0.2	76	0.10	0.040
142019	Soil	0.4	10.3	10.7	54	<0.1	13.3	6.8	199	1.84	6.0	0.6	2.7	2.6	32	0.1	0.4	0.1	44	0.25	0.043
142020	Soil	1.1	14.1	18.9	62	0.1	18.2	13.0	708	2.55	8.2	0.9	3.4	2.0	42	0.2	0.5	0.2	67	0.36	0.054
142021	Soil	0.7	11.6	14.3	59	0.1	14.7	7.2	278	2.15	6.9	0.9	5.0	2.1	65	0.1	0.5	0.1	54	0.49	0.049
142022	Soil	1.2	15.6	16.6	59	0.2	17.2	8.5	542	2.42	8.2	1.1	6.3	1.6	56	0.2	0.6	0.2	66	0.42	0.071
142023	Soil	0.8	25.3	17.5	55	0.4	22.6	7.3	330	2.56	7.3	1.8	11.0	1.1	134	0.2	0.6	0.2	50	0.94	0.092
142024	Soil	0.6	14.2	14.4	51	<0.1	14.7	5.8	246	2.06	6.8	0.8	5.4	2.5	27	0.2	0.5	0.1	50	0.20	0.039
142025	Soil	0.6	13.1	14.6	52	0.1	11.2	5.6	700	1.84	5.4	0.6	6.8	0.5	22	0.7	0.4	0.2	51	0.17	0.036
142026	Soil	0.8	21.2	18.9	53	<0.1	18.8	7.8	425	2.40	7.1	1.1	5.7	3.0	24	<0.1	0.5	0.2	60	0.23	0.029



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
141506	Soil	8	23	0.24	238	0.044	1	1.37	0.011	0.06	0.2	0.04	1.8	<0.1	<0.05	6	<0.5	<0.2
141507	Soil	9	22	0.22	212	0.035	2	1.39	0.008	0.05	0.1	0.03	1.5	0.1	<0.05	7	<0.5	<0.2
141508	Soil	9	32	0.39	168	0.067	1	1.98	0.007	0.05	0.2	0.03	2.6	0.1	<0.05	7	0.6	<0.2
141509	Soil	5	13	0.05	84	0.020	<1	0.98	0.011	0.03	<0.1	0.07	0.7	<0.1	<0.05	4	0.8	<0.2
141510	Soil	8	28	0.34	175	0.057	1	1.70	0.008	0.05	0.2	0.03	2.7	<0.1	<0.05	6	<0.5	<0.2
141511	Soil	10	28	0.45	208	0.056	<1	1.81	0.008	0.04	0.2	0.04	2.9	<0.1	<0.05	5	<0.5	<0.2
141512	Soil	8	28	0.42	180	0.064	1	1.78	0.007	0.05	0.3	0.02	2.7	<0.1	<0.05	8	<0.5	<0.2
142001	Soil	12	36	0.69	519	0.060	1	1.97	0.023	0.05	0.1	0.04	5.2	<0.1	<0.05	6	<0.5	<0.2
142005	Soil	10	14	0.16	160	0.030	2	0.92	0.006	0.05	<0.1	<0.01	1.6	<0.1	<0.05	3	<0.5	<0.2
142006	Soil	16	35	0.50	601	0.063	2	2.26	0.013	0.04	0.2	0.02	4.1	<0.1	<0.05	6	<0.5	<0.2
142007	Soil	16	19	0.32	612	0.063	1	1.11	0.011	0.05	0.1	0.02	2.9	<0.1	<0.05	3	<0.5	<0.2
142008	Soil	15	29	0.43	476	0.060	<1	1.69	0.012	0.04	<0.1	0.04	4.3	<0.1	<0.05	5	<0.5	<0.2
142009	Soil	14	26	0.38	411	0.058	<1	1.60	0.011	0.04	0.1	0.03	3.4	<0.1	<0.05	5	<0.5	<0.2
142010	Soil	10	26	0.26	177	0.064	1	1.89	0.008	0.04	0.1	0.03	2.3	<0.1	<0.05	7	<0.5	<0.2
142011	Soil	37	20	0.36	265	0.024	1	1.53	0.008	0.11	0.1	0.03	4.8	<0.1	<0.05	4	0.5	0.2
142012	Soil	11	30	0.43	197	0.076	<1	1.88	0.009	0.04	0.1	0.03	3.1	<0.1	<0.05	6	<0.5	0.2
142013	Soil	13	32	0.49	271	0.073	<1	1.86	0.012	0.04	0.2	0.02	4.5	<0.1	<0.05	5	<0.5	<0.2
142014	Soil	12	26	0.42	195	0.055	1	1.78	0.008	0.04	0.1	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
142015	Soil	9	27	0.31	106	0.062	1	1.91	0.007	0.04	0.2	0.02	2.5	<0.1	<0.05	7	<0.5	0.5
142016	Soil	14	31	0.47	408	0.060	1	1.94	0.014	0.05	0.2	0.07	5.1	<0.1	<0.05	5	0.5	<0.2
142017	Soil	12	26	0.40	310	0.064	2	1.57	0.014	0.06	0.3	0.05	3.6	<0.1	<0.05	5	<0.5	<0.2
142018	Soil	8	31	0.33	134	0.054	<1	2.18	0.008	0.04	0.2	0.03	2.1	<0.1	<0.05	7	<0.5	<0.2
142019	Soil	10	22	0.42	197	0.056	<1	1.30	0.011	0.04	0.2	0.04	2.3	<0.1	<0.05	4	<0.5	<0.2
142020	Soil	11	30	0.46	304	0.059	2	1.80	0.016	0.04	0.1	0.05	3.6	0.1	<0.05	6	<0.5	<0.2
142021	Soil	10	28	0.43	386	0.055	1	1.66	0.014	0.04	0.2	0.05	3.6	<0.1	<0.05	5	<0.5	<0.2
142022	Soil	10	34	0.43	561	0.066	2	1.97	0.015	0.05	0.2	0.04	4.0	0.1	<0.05	6	<0.5	<0.2
142023	Soil	14	37	0.29	990	0.045	1	2.27	0.012	0.04	0.2	0.09	5.8	0.1	0.10	6	1.2	<0.2
142024	Soil	12	25	0.34	330	0.068	1	1.55	0.011	0.04	0.2	0.03	3.2	<0.1	<0.05	5	<0.5	<0.2
142025	Soil	8	21	0.26	229	0.055	2	1.19	0.014	0.05	<0.1	0.04	1.6	<0.1	<0.05	5	<0.5	<0.2
142026	Soil	14	31	0.46	282	0.077	2	1.71	0.011	0.04	0.1	0.03	3.9	<0.1	<0.05	5	<0.5	<0.2



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
142027	Soil	0.7	24.9	29.5	62	0.1	20.9	6.9	295	2.46	7.6	0.7	61.1	2.8	32	<0.1	0.6	0.2	62	0.30	0.037
142028	Soil	1.0	23.4	12.8	61	<0.1	26.0	12.4	258	3.36	11.0	0.6	5.3	4.0	19	<0.1	0.6	0.2	76	0.18	0.020
142029	Soil	0.9	23.7	12.6	60	<0.1	26.1	12.4	264	3.33	10.6	0.7	5.1	3.8	19	0.1	0.6	0.2	74	0.18	0.023
142030	Soil	0.4	16.1	7.0	24	0.2	4.6	1.6	141	0.85	0.8	0.4	1.3	<0.1	11	0.2	0.1	0.1	25	0.09	0.055
142031	Soil	1.0	19.2	36.0	71	0.1	16.3	6.9	413	2.46	8.4	1.6	11.7	1.4	17	0.2	0.4	0.2	57	0.17	0.059
142032	Soil	1.0	16.6	7.9	27	<0.1	7.5	2.7	155	1.24	2.5	0.3	1.5	<0.1	11	0.2	0.3	0.2	39	0.07	0.046
142033	Soil	1.2	19.0	18.5	77	<0.1	21.3	8.9	321	3.16	11.2	0.9	4.8	4.9	16	0.2	0.7	0.2	70	0.13	0.028
142034	Soil	0.5	12.6	9.0	14	0.1	5.9	1.8	41	0.85	1.3	0.3	30.8	<0.1	23	0.3	0.2	0.1	25	0.14	0.029
142035	Soil	1.3	17.5	20.5	56	<0.1	16.2	7.0	222	3.31	8.9	0.6	5.1	2.6	13	0.3	0.7	0.2	86	0.10	0.029
142036	Soil	1.3	15.5	15.9	49	<0.1	10.3	4.6	187	3.01	6.1	0.4	2.4	0.9	10	0.6	0.6	0.2	85	0.09	0.027
142037	Soil	1.1	20.7	12.3	39	<0.1	9.9	4.0	151	2.37	6.0	0.5	57.0	0.3	12	0.3	0.6	0.2	70	0.09	0.033
142038	Soil	1.1	16.6	16.2	62	<0.1	16.5	8.4	437	2.59	7.8	0.6	4.4	1.6	11	0.3	0.4	0.2	58	0.11	0.059
142039	Soil	0.9	15.1	11.5	53	<0.1	13.1	5.2	273	1.86	5.0	0.4	21.6	1.1	15	0.5	0.4	0.2	49	0.13	0.037
142040	Soil	0.9	12.6	12.0	47	<0.1	10.1	4.0	372	2.00	5.2	0.3	1.8	0.4	18	1.1	0.4	0.2	59	0.13	0.085
142041	Soil	1.4	11.7	15.3	38	<0.1	10.5	4.5	152	2.24	6.9	0.6	6.5	1.3	11	0.2	0.5	0.2	58	0.08	0.080
142042	Soil	1.1	16.9	15.5	39	<0.1	11.4	5.6	218	2.04	6.2	0.7	3.9	0.5	14	0.1	0.4	0.2	48	0.10	0.068
142043	Soil	1.1	19.9	29.3	33	0.2	9.7	5.2	312	1.76	4.1	0.7	3.3	0.5	15	0.2	0.3	0.2	43	0.11	0.070
142044	Soil	1.1	29.9	44.4	39	0.2	13.8	9.5	732	2.12	6.0	1.1	5.0	0.7	19	0.2	0.4	0.3	48	0.15	0.080
142045	Soil	0.7	21.0	18.5	58	<0.1	22.1	9.9	377	2.52	6.8	1.1	59.1	3.5	18	<0.1	0.4	0.2	56	0.19	0.032
142046	Soil	1.0	17.2	33.5	25	0.2	7.7	5.6	197	1.66	3.2	0.6	<0.5	0.6	14	0.1	0.3	0.2	42	0.10	0.069
142047	Soil	0.7	23.3	22.9	56	<0.1	21.3	9.1	336	2.58	7.3	0.9	29.0	3.4	25	0.1	0.4	0.2	55	0.24	0.047
142048	Soil	1.4	12.4	18.3	56	0.2	14.4	12.4	924	3.22	7.5	0.4	42.9	1.8	11	0.4	0.4	0.2	78	0.11	0.046
142049	Soil	0.6	24.5	10.0	53	0.4	12.0	5.2	994	1.00	1.0	0.4	1.3	0.2	22	1.0	0.2	0.2	25	0.14	0.111
142050	Soil	0.8	10.9	12.7	22	<0.1	7.3	2.9	104	1.32	3.2	0.4	2.3	1.2	9	0.1	0.3	0.2	46	0.06	0.021
142051	Soil	1.3	40.3	13.0	38	0.1	11.8	7.9	618	2.09	5.5	0.4	4.6	1.0	17	0.4	0.5	0.2	56	0.12	0.055
142052	Soil	1.2	16.1	18.7	55	0.2	15.1	6.6	470	2.65	6.8	0.5	3.0	1.7	11	0.3	0.4	0.2	66	0.10	0.052
142053	Soil	1.0	21.0	10.6	55	0.1	22.1	11.5	324	2.55	13.4	0.9	5.8	3.8	34	0.1	0.5	0.2	51	0.30	0.042
142054	Soil	1.2	14.5	9.9	52	<0.1	22.1	9.8	487	2.87	16.1	0.6	5.7	3.5	19	0.2	0.4	0.2	54	0.18	0.046
142055	Soil	1.3	15.3	11.8	62	<0.1	21.1	8.9	381	2.93	14.5	0.9	2.3	5.7	26	0.2	0.4	0.2	53	0.21	0.058
142056	Soil	1.1	22.9	13.0	64	0.3	25.8	11.6	779	3.08	18.2	1.5	3.2	3.9	42	0.3	0.4	0.2	54	0.36	0.049



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
142027	Soil	14	35	0.51	333	0.085	<1	1.60	0.015	0.04	0.1	0.02	4.4	<0.1	<0.05	5	<0.5	<0.2
142028	Soil	10	41	0.57	240	0.092	<1	2.80	0.011	0.05	0.1	0.02	4.2	<0.1	<0.05	7	<0.5	<0.2
142029	Soil	11	41	0.55	227	0.095	1	2.74	0.012	0.05	0.2	0.02	4.5	<0.1	<0.05	6	<0.5	<0.2
142030	Soil	4	10	0.05	81	0.014	<1	0.56	0.016	0.06	<0.1	0.02	0.2	<0.1	<0.05	3	<0.5	<0.2
142031	Soil	9	31	0.32	181	0.026	<1	1.94	0.006	0.07	0.2	0.04	2.9	<0.1	<0.05	6	<0.5	<0.2
142032	Soil	4	13	0.05	91	0.030	<1	0.61	0.012	0.03	<0.1	0.04	0.7	<0.1	<0.05	4	<0.5	<0.2
142033	Soil	12	35	0.44	163	0.069	1	2.54	0.010	0.05	0.2	0.03	3.3	0.2	<0.05	7	<0.5	<0.2
142034	Soil	4	10	0.05	131	0.029	<1	0.62	0.015	0.02	<0.1	0.03	0.4	<0.1	<0.05	4	<0.5	<0.2
142035	Soil	11	32	0.34	177	0.066	<1	2.05	0.010	0.04	0.2	0.02	3.2	0.2	<0.05	8	<0.5	<0.2
142036	Soil	9	23	0.20	154	0.064	<1	1.58	0.010	0.03	0.1	0.03	1.7	0.1	<0.05	8	<0.5	<0.2
142037	Soil	8	21	0.16	140	0.055	<1	1.16	0.012	0.03	0.1	0.02	1.4	0.1	<0.05	6	<0.5	<0.2
142038	Soil	9	26	0.34	156	0.029	1	1.66	0.008	0.04	<0.1	0.03	2.0	0.1	<0.05	6	<0.5	<0.2
142039	Soil	7	19	0.25	114	0.040	1	0.96	0.009	0.05	<0.1	0.04	1.5	<0.1	<0.05	5	<0.5	<0.2
142040	Soil	8	18	0.14	161	0.025	<1	1.08	0.009	0.05	<0.1	0.03	1.4	0.1	<0.05	6	<0.5	<0.2
142041	Soil	9	22	0.24	93	0.034	<1	1.25	0.006	0.04	<0.1	0.03	1.8	0.1	<0.05	7	<0.5	<0.2
142042	Soil	7	24	0.21	140	0.022	<1	1.45	0.011	0.05	<0.1	0.03	1.8	<0.1	<0.05	5	<0.5	<0.2
142043	Soil	10	18	0.13	166	0.027	<1	1.14	0.012	0.05	<0.1	0.03	1.7	0.1	<0.05	6	<0.5	<0.2
142044	Soil	12	24	0.21	227	0.028	1	1.61	0.011	0.06	<0.1	0.03	2.6	0.1	<0.05	7	<0.5	<0.2
142045	Soil	14	35	0.55	191	0.052	<1	1.73	0.012	0.04	<0.1	0.03	4.4	<0.1	<0.05	5	<0.5	<0.2
142046	Soil	8	17	0.12	135	0.025	<1	1.28	0.010	0.03	<0.1	0.04	1.7	<0.1	<0.05	5	<0.5	<0.2
142047	Soil	18	34	0.51	263	0.042	1	1.75	0.009	0.05	<0.1	0.03	4.5	<0.1	<0.05	5	<0.5	<0.2
142048	Soil	8	27	0.32	127	0.056	<1	1.57	0.007	0.05	<0.1	0.03	1.9	0.1	<0.05	8	<0.5	<0.2
142049	Soil	9	12	0.07	368	0.020	<1	0.73	0.016	0.04	<0.1	0.03	1.3	0.1	<0.05	3	<0.5	<0.2
142050	Soil	9	14	0.13	140	0.045	<1	0.91	0.007	0.03	<0.1	0.01	1.5	<0.1	<0.05	5	<0.5	<0.2
142051	Soil	10	21	0.21	231	0.035	<1	1.38	0.008	0.05	<0.1	0.03	1.9	<0.1	<0.05	7	<0.5	<0.2
142052	Soil	16	25	0.31	257	0.036	1	1.69	0.009	0.06	<0.1	0.04	2.4	0.1	<0.05	7	<0.5	<0.2
142053	Soil	13	33	0.49	238	0.043	<1	1.83	0.010	0.05	<0.1	0.02	3.7	<0.1	<0.05	5	0.5	<0.2
142054	Soil	13	28	0.40	193	0.034	1	1.66	0.008	0.06	<0.1	0.03	3.5	<0.1	<0.05	6	0.6	<0.2
142055	Soil	15	31	0.41	234	0.044	1	1.65	0.008	0.08	0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
142056	Soil	14	34	0.37	258	0.039	2	1.67	0.009	0.09	<0.1	0.03	4.2	<0.1	<0.05	6	0.5	<0.2



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Project: Ten Mile
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CERTIFICATE OF ANALYSIS

WHI10000024.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
142057	Soil	1.7	34.6	18.4	90	0.3	30.9	7.2	225	2.69	176.0	1.5	3.6	5.1	46	0.4	0.8	0.2	48	0.32
142058	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
142059	Soil	4.5	44.4	25.1	120	0.5	32.2	9.2	187	4.59	77.8	1.4	2.2	4.3	26	0.5	1.4	0.4	86	0.07
142060	Soil	0.7	11.8	29.3	39	<0.1	11.7	4.8	223	1.89	4.8	0.4	16.0	0.5	16	0.4	0.4	0.2	52	0.12
142061	Soil	1.1	19.0	40.7	49	0.1	12.5	5.1	498	2.26	6.2	0.5	3.2	0.3	12	0.5	0.5	0.2	63	0.10
142062	Soil	1.0	15.8	17.2	55	<0.1	19.8	9.5	369	2.92	8.9	0.7	7.9	3.3	14	0.2	0.5	0.2	66	0.14
142063	Soil	1.0	16.5	11.9	55	<0.1	24.8	11.7	368	3.34	11.1	0.6	5.9	2.8	13	0.2	0.5	0.2	70	0.15
142064	Soil	1.0	16.2	12.3	53	<0.1	21.3	9.4	379	2.78	9.4	0.7	6.7	2.9	15	0.3	0.5	0.2	61	0.16
142065	Soil	1.2	12.5	10.5	59	<0.1	14.0	10.4	458	2.90	7.8	0.4	2.3	2.5	10	0.4	0.4	0.2	71	0.09
142066	Soil	1.1	10.1	10.5	39	0.1	9.4	4.2	246	1.67	3.7	0.5	2.3	1.1	13	0.2	0.3	0.2	52	0.10
142067	Soil	1.1	20.3	12.6	55	0.1	18.1	10.0	549	2.62	7.7	0.6	9.6	1.1	15	0.3	0.4	0.2	63	0.13
142068	Soil	1.1	15.2	12.4	55	<0.1	20.7	7.2	335	2.53	8.4	0.5	2.1	2.0	18	0.2	0.5	0.2	61	0.17
142069	Soil	0.9	28.7	14.8	50	0.6	22.3	11.2	2270	2.08	6.9	2.1	5.1	0.9	31	1.4	0.4	0.2	45	0.25
142070	Soil	1.2	15.6	15.3	79	0.2	18.7	9.1	320	3.16	9.7	0.6	2.6	2.7	10	0.4	0.5	0.2	73	0.09
142071	Soil	1.3	14.6	12.4	74	0.1	18.9	9.6	384	2.82	10.7	0.6	2.4	3.1	12	0.4	0.5	0.2	67	0.10
142072	Soil	0.8	14.3	19.2	55	0.2	15.8	8.7	1041	2.31	6.2	0.4	1.8	1.5	20	0.6	0.4	0.2	61	0.16
142073	Soil	1.1	17.7	29.5	60	0.1	19.4	7.8	489	2.92	10.2	1.0	6.7	3.7	29	0.1	0.4	0.2	66	0.23
142074	Soil	1.0	12.4	13.7	54	0.1	13.4	7.5	606	2.62	7.9	0.4	2.9	2.1	20	0.2	0.4	0.2	69	0.14
142075	Soil	0.9	28.2	33.9	48	0.4	18.6	9.4	761	2.55	8.3	1.3	7.8	1.4	30	0.6	0.5	0.2	63	0.20
142076	Soil	0.9	20.1	37.6	56	0.4	18.7	9.5	757	2.90	10.8	1.3	8.9	1.5	43	0.4	0.5	0.2	73	0.29



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
142057	Soil	21	26	0.43	247	0.026	<1	1.39	0.008	0.07	0.1	0.02	3.2	<0.1	<0.05	5	0.9	<0.2
142058	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
142059	Soil	18	35	0.32	305	0.039	<1	1.93	0.003	0.05	0.2	0.02	2.1	0.2	0.07	8	2.2	<0.2
142060	Soil	6	22	0.21	172	0.035	1	1.15	0.008	0.04	0.1	0.06	1.7	<0.1	<0.05	5	<0.5	<0.2
142061	Soil	9	21	0.17	187	0.030	<1	1.43	0.007	0.04	<0.1	0.09	1.6	<0.1	0.06	7	<0.5	<0.2
142062	Soil	10	34	0.45	201	0.050	2	2.16	0.008	0.04	0.1	0.04	3.4	0.1	<0.05	6	<0.5	<0.2
142063	Soil	10	33	0.47	189	0.055	1	2.22	0.008	0.05	0.1	0.02	3.0	0.1	<0.05	6	0.6	<0.2
142064	Soil	12	33	0.46	222	0.048	2	2.13	0.008	0.05	0.1	0.04	3.3	<0.1	<0.05	6	0.6	<0.2
142065	Soil	9	30	0.33	240	0.053	<1	2.11	0.009	0.04	<0.1	0.04	2.9	0.1	<0.05	7	<0.5	<0.2
142066	Soil	9	19	0.17	216	0.048	1	1.01	0.011	0.04	<0.1	0.03	1.8	<0.1	<0.05	6	<0.5	<0.2
142067	Soil	9	29	0.38	242	0.039	1	1.62	0.010	0.05	0.1	0.03	2.4	<0.1	<0.05	6	<0.5	<0.2
142068	Soil	9	32	0.44	234	0.055	1	1.52	0.007	0.05	0.2	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
142069	Soil	23	22	0.26	776	0.023	1	1.62	0.012	0.10	<0.1	0.06	3.2	0.1	0.06	6	0.6	<0.2
142070	Soil	8	35	0.42	153	0.054	1	2.12	0.007	0.06	0.1	0.04	2.7	<0.1	<0.05	7	<0.5	<0.2
142071	Soil	8	34	0.45	159	0.053	1	2.03	0.007	0.06	0.2	0.04	2.4	<0.1	<0.05	6	0.5	<0.2
142072	Soil	8	24	0.32	391	0.035	<1	1.57	0.009	0.05	<0.1	0.03	2.0	0.1	<0.05	6	<0.5	<0.2
142073	Soil	13	32	0.48	417	0.035	1	2.20	0.007	0.06	0.1	0.02	3.5	0.1	<0.05	7	<0.5	<0.2
142074	Soil	6	25	0.30	353	0.040	<1	1.61	0.007	0.03	0.2	0.02	2.3	<0.1	<0.05	6	<0.5	<0.2
142075	Soil	22	27	0.28	613	0.035	<1	1.90	0.012	0.06	0.2	0.03	4.0	0.1	<0.05	7	<0.5	<0.2
142076	Soil	14	30	0.37	659	0.022	<1	2.38	0.009	0.06	0.2	0.04	3.9	0.1	<0.05	8	<0.5	<0.2



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Project: Ten Mile

Report Date: July 12, 2010

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QUALITY CONTROL REPORT

WHI10000024.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	1	0.01	0.001
Pulp Duplicates																					
141016	Soil	1.0	15.7	20.7	47	<0.1	17.3	7.5	286	2.43	6.1	0.6	11.5	2.6	55	0.1	0.7	0.2	55	0.37	0.025
REP 141016	QC	1.0	16.1	20.8	47	<0.1	18.3	7.6	279	2.37	6.2	0.6	7.4	2.5	55	<0.1	0.7	0.2	54	0.38	0.024
141048	Soil	0.9	22.5	37.0	127	0.2	14.7	6.4	385	2.09	3.7	0.5	2.9	2.7	30	0.3	0.6	0.2	53	0.21	0.016
REP 141048	QC	0.8	22.3	37.2	123	0.2	14.1	6.3	379	2.09	3.8	0.5	2.9	2.6	28	0.4	0.5	0.2	52	0.21	0.018
141074	Soil	0.8	18.2	24.4	52	0.2	16.5	6.1	327	2.32	6.2	1.8	16.1	2.6	252	0.1	0.6	0.4	48	0.48	0.029
REP 141074	QC	0.9	19.1	25.2	53	0.2	16.8	6.1	338	2.35	6.2	1.9	14.4	2.6	252	<0.1	0.6	0.4	49	0.47	0.028
141076	Soil	1.2	20.7	24.9	45	0.2	15.7	4.5	144	2.24	4.8	1.4	4.6	2.4	60	0.3	0.5	0.2	42	0.18	0.028
REP 141076	QC	1.0	20.4	25.1	47	0.2	16.6	4.5	149	2.28	4.8	1.4	4.6	2.5	61	0.2	0.5	0.2	43	0.19	0.027
141103	Soil	0.9	18.4	42.6	86	0.2	17.7	7.7	216	2.50	11.9	0.5	31.0	3.6	34	0.5	1.0	0.2	55	0.25	0.011
REP 141103	QC	0.8	19.2	40.4	77	0.2	17.8	7.7	222	2.55	11.5	0.5	57.5	3.5	32	0.4	0.9	0.2	53	0.26	0.011
141125	Soil	0.7	10.4	9.7	40	<0.1	14.9	8.8	758	2.12	4.0	0.4	1.6	2.3	31	<0.1	0.4	0.1	53	0.23	0.021
REP 141125	QC	0.7	10.7	9.5	39	<0.1	14.9	9.0	803	2.16	4.0	0.4	1.5	2.3	31	0.1	0.4	0.1	54	0.23	0.022
141134	Soil	1.0	16.8	112.9	136	<0.1	16.2	8.6	231	3.08	7.7	0.7	97.6	3.7	13	0.3	1.0	0.2	43	0.08	0.026
REP 141134	QC	1.0	17.1	112.9	133	<0.1	15.6	8.1	223	3.08	7.3	0.7	102.0	3.6	13	0.2	1.0	0.2	45	0.08	0.026
141164	Soil	0.7	15.5	10.7	52	<0.1	19.5	9.5	257	2.70	9.0	0.6	4.9	2.5	21	0.2	0.6	0.2	59	0.20	0.036
REP 141164	QC	0.8	16.4	10.4	53	<0.1	21.3	9.9	269	2.77	9.4	0.6	3.8	2.6	21	0.1	0.5	0.2	59	0.22	0.034
141183	Soil	1.1	38.4	44.5	59	0.3	18.1	4.9	518	1.68	2.8	0.8	9.1	0.2	24	1.3	0.5	0.2	41	0.16	0.120
REP 141183	QC	1.0	42.2	41.8	62	0.3	19.6	5.1	525	1.74	2.7	0.7	18.2	0.1	24	1.4	0.5	0.2	43	0.16	0.118
141207	Soil	7.6	29.5	63.4	29	0.3	14.4	3.2	119	3.23	969.6	1.5	115.6	5.9	62	0.5	2.2	0.5	34	0.04	0.032
REP 141207	QC	7.7	29.3	62.1	28	0.3	15.4	3.2	119	3.19	980.6	1.4	137.5	5.3	62	0.4	2.1	0.5	35	0.04	0.032
141216	Soil	1.3	20.8	24.3	65	0.4	39.0	8.8	172	2.73	120.4	0.7	41.8	4.2	20	0.2	0.7	0.2	57	0.15	0.019
REP 141216	QC	1.4	21.4	23.1	62	0.4	39.4	8.8	177	2.75	123.0	0.6	43.6	4.0	20	0.2	0.7	0.2	58	0.15	0.019
141236	Soil	0.8	11.3	20.8	65	<0.1	16.3	8.3	575	2.17	6.8	0.7	11.7	1.9	23	0.2	0.5	0.2	50	0.21	0.050
REP 141236	QC	0.8	12.4	21.7	64	<0.1	17.1	8.5	638	2.26	6.6	0.7	17.1	1.9	23	0.2	0.5	0.1	55	0.22	0.048
141257	Soil	1.3	23.3	34.2	72	0.3	29.6	15.2	585	3.06	241.5	1.2	27.7	4.6	34	0.2	0.9	0.3	59	0.35	0.058
REP 141257	QC	1.6	23.2	35.5	75	0.3	30.1	15.1	577	3.10	249.6	1.3	26.4	4.7	36	0.2	0.8	0.3	60	0.36	0.057
141272	Soil	1.1	18.5	14.3	53	0.2	17.4	11.1	512	2.83	9.1	0.8	3.7	2.0	25	0.1	0.5	0.2	69	0.21	0.037
REP 141272	QC	1.2	19.0	14.7	53	0.2	19.5	11.5	505	2.90	9.5	0.8	3.1	2.1	25	0.1	0.5	0.2	73	0.22	0.037



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Part 2

QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
141016	Soil	9	29	0.44	327	0.060	<1	1.53	0.015	0.05	0.1	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
REP 141016	QC	9	30	0.43	320	0.057	2	1.53	0.014	0.05	0.1	0.02	3.1	<0.1	<0.05	5	<0.5	<0.2
141048	Soil	11	23	0.34	171	0.039	1	1.42	0.011	0.08	<0.1	0.02	2.2	<0.1	<0.05	5	<0.5	<0.2
REP 141048	QC	10	22	0.34	165	0.035	1	1.46	0.010	0.08	<0.1	0.02	2.2	<0.1	<0.05	5	<0.5	<0.2
141074	Soil	10	24	0.44	746	0.026	1	1.50	0.012	0.09	0.2	0.02	3.6	<0.1	<0.05	5	<0.5	<0.2
REP 141074	QC	10	25	0.46	793	0.026	2	1.51	0.011	0.09	0.1	0.03	3.6	<0.1	<0.05	5	<0.5	<0.2
141076	Soil	10	24	0.25	819	0.007	1	1.70	0.010	0.13	0.1	0.03	3.2	<0.1	<0.05	5	<0.5	<0.2
REP 141076	QC	10	24	0.25	847	0.007	1	1.73	0.010	0.14	0.1	0.03	3.4	<0.1	<0.05	6	0.6	<0.2
141103	Soil	9	29	0.39	179	0.038	<1	1.51	0.011	0.06	<0.1	0.01	2.9	<0.1	<0.05	4	<0.5	<0.2
REP 141103	QC	8	30	0.42	172	0.035	<1	1.57	0.012	0.06	0.1	0.01	2.9	<0.1	<0.05	4	<0.5	<0.2
141125	Soil	8	25	0.37	682	0.035	<1	1.45	0.012	0.08	0.3	0.01	2.3	<0.1	<0.05	5	<0.5	<0.2
REP 141125	QC	8	26	0.36	706	0.036	<1	1.49	0.012	0.08	<0.1	0.01	2.2	<0.1	<0.05	5	<0.5	<0.2
141134	Soil	11	22	0.21	358	0.008	2	1.69	0.005	0.05	<0.1	0.02	4.0	<0.1	<0.05	5	0.5	<0.2
REP 141134	QC	10	23	0.20	358	0.007	2	1.59	0.005	0.05	<0.1	0.02	4.0	<0.1	<0.05	5	<0.5	<0.2
141164	Soil	10	31	0.44	233	0.054	1	2.16	0.008	0.04	0.1	0.03	3.0	<0.1	<0.05	5	<0.5	<0.2
REP 141164	QC	10	32	0.49	235	0.059	<1	2.28	0.008	0.04	0.2	0.03	3.2	<0.1	<0.05	6	<0.5	<0.2
141183	Soil	11	21	0.13	300	0.022	<1	1.17	0.017	0.06	<0.1	0.05	0.9	0.1	<0.05	5	<0.5	<0.2
REP 141183	QC	11	21	0.14	296	0.019	<1	1.20	0.018	0.06	<0.1	0.05	1.0	<0.1	<0.05	5	0.6	<0.2
141207	Soil	25	15	0.07	196	0.009	<1	0.93	0.007	0.16	0.2	0.01	1.6	0.1	0.20	6	0.8	<0.2
REP 141207	QC	26	15	0.07	186	0.013	<1	0.89	0.007	0.17	0.3	0.01	1.9	0.1	0.20	6	0.7	<0.2
141216	Soil	11	60	0.56	216	0.052	2	2.09	0.013	0.05	0.2	0.04	3.1	0.2	<0.05	6	<0.5	<0.2
REP 141216	QC	11	63	0.55	219	0.053	<1	2.14	0.010	0.04	0.2	0.04	2.9	0.1	<0.05	6	<0.5	<0.2
141236	Soil	10	28	0.42	203	0.056	1	1.67	0.011	0.06	0.2	0.02	2.4	<0.1	<0.05	6	<0.5	<0.2
REP 141236	QC	10	30	0.41	204	0.060	2	1.60	0.011	0.06	0.2	0.03	2.5	<0.1	<0.05	6	<0.5	<0.2
141257	Soil	16	38	0.56	266	0.056	1	1.82	0.011	0.08	0.2	0.04	3.9	0.1	<0.05	5	<0.5	<0.2
REP 141257	QC	18	38	0.57	279	0.069	1	1.85	0.011	0.08	0.2	0.04	3.9	0.1	<0.05	6	0.7	<0.2
141272	Soil	12	31	0.48	306	0.066	<1	2.04	0.011	0.05	0.1	0.02	3.3	0.1	<0.05	7	<0.5	<0.2
REP 141272	QC	13	32	0.48	310	0.070	<1	2.13	0.013	0.06	0.1	0.03	3.5	0.1	<0.05	7	<0.5	<0.2



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Ten Mile

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Part 1

QUALITY CONTROL REPORT

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		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
141503	Soil	0.6	10.4	13.6	49	<0.1	10.0	5.5	205	2.11	3.7	0.3	2.0	1.4	13	0.2	0.3	0.2	59	0.09	0.015
REP 141503	QC	0.7	10.0	13.2	48	<0.1	10.1	5.4	196	2.00	3.5	0.3	2.7	1.3	12	0.2	0.3	0.2	59	0.08	0.015
142017	Soil	0.8	19.5	51.0	120	0.2	15.3	9.7	484	2.27	6.5	1.6	115.4	3.2	52	0.3	0.8	0.2	58	0.35	0.045
REP 142017	QC	0.7	17.7	49.6	119	0.2	14.4	9.2	473	2.24	6.7	1.5	12.3	3.2	52	0.2	0.8	0.2	60	0.36	0.045
142035	Soil	1.3	17.5	20.5	56	<0.1	16.2	7.0	222	3.31	8.9	0.6	5.1	2.6	13	0.3	0.7	0.2	86	0.10	0.029
REP 142035	QC	1.2	16.5	21.4	57	<0.1	15.6	6.9	217	3.34	8.9	0.6	3.8	2.5	13	0.3	0.6	0.3	87	0.11	0.030
142038	Soil	1.1	16.6	16.2	62	<0.1	16.5	8.4	437	2.59	7.8	0.6	4.4	1.6	11	0.3	0.4	0.2	58	0.11	0.059
REP 142038	QC	1.1	16.9	16.2	62	<0.1	15.6	8.1	434	2.58	7.9	0.6	6.8	1.5	11	0.4	0.4	0.2	56	0.11	0.059
142061	Soil	1.1	19.0	40.7	49	0.1	12.5	5.1	498	2.26	6.2	0.5	3.2	0.3	12	0.5	0.5	0.2	63	0.10	0.060
REP 142061	QC	1.2	18.5	41.1	47	0.1	12.4	5.1	519	2.33	6.3	0.5	1.9	0.3	12	0.5	0.4	0.3	63	0.10	0.059
Reference Materials																					
STD DS7	Standard	21.9	117.3	68.5	418	1.0	53.8	9.5	638	2.48	53.1	5.0	66.9	4.3	83	6.4	6.5	4.7	85	1.00	0.083
STD DS7	Standard	19.7	109.8	68.6	403	1.0	57.3	9.8	629	2.41	50.5	5.2	75.2	4.5	72	7.1	6.4	4.7	85	0.95	0.079
STD DS7	Standard	20.7	112.4	66.3	389	1.0	57.5	9.7	628	2.39	50.6	5.0	85.6	4.5	72	6.4	6.3	4.7	85	0.95	0.075
STD DS7	Standard	19.7	108.9	71.4	391	0.9	53.5	9.6	623	2.39	51.6	5.0	77.6	4.2	73	6.5	6.5	4.7	80	0.96	0.078
STD DS7	Standard	19.6	113.5	69.8	411	1.0	56.0	10.0	665	2.48	55.2	5.0	72.2	4.2	68	6.4	6.2	4.8	82	0.95	0.078
STD DS7	Standard	21.0	117.0	69.7	397	0.9	56.2	9.7	648	2.48	55.6	4.9	86.5	4.3	72	6.7	6.4	4.8	84	0.95	0.078
STD DS7	Standard	21.0	110.9	67.8	370	1.0	56.0	9.1	637	2.39	51.5	4.8	72.9	4.2	79	6.4	6.4	4.9	80	0.97	0.079
STD DS7	Standard	21.7	114.4	66.9	417	1.1	56.4	10.2	648	2.45	54.4	4.6	67.6	4.5	70	6.9	6.0	4.3	83	0.99	0.077
STD DS7	Standard	21.0	118.8	65.1	419	1.0	55.8	9.6	649	2.44	52.5	4.7	70.1	4.4	70	6.1	5.7	4.5	85	0.96	0.079
STD DS7	Standard	20.9	104.7	67.4	393	1.0	69.8	9.4	644	2.45	54.0	4.8	69.0	4.8	81	6.4	5.8	4.7	83	1.00	0.079
STD DS7	Standard	21.3	111.1	71.1	398	1.0	56.6	9.3	619	2.35	52.6	5.2	73.3	4.7	83	6.3	6.2	4.9	85	0.98	0.076
STD DS7	Standard	21.9	110.2	71.3	404	1.0	58.7	10.3	640	2.48	51.3	5.0	76.3	4.4	73	6.6	5.6	4.8	84	0.92	0.080
STD DS7 Expected		20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



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Part 2

QUALITY CONTROL REPORT

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		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Ti ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
141503	Soil	5	19	0.17	293	0.049	<1	1.45	0.012	0.02	0.1	0.02	1.9	<0.1	<0.05	7	<0.5	0.4
REP 141503	QC	5	19	0.16	287	0.043	<1	1.37	0.011	0.02	0.1	0.02	1.7	<0.1	<0.05	7	<0.5	<0.2
142017	Soil	12	26	0.40	310	0.064	2	1.57	0.014	0.06	0.3	0.05	3.6	<0.1	<0.05	5	<0.5	<0.2
REP 142017	QC	12	25	0.39	291	0.062	3	1.56	0.014	0.06	0.2	0.05	3.6	<0.1	<0.05	5	<0.5	<0.2
142035	Soil	11	32	0.34	177	0.066	<1	2.05	0.010	0.04	0.2	0.02	3.2	0.2	<0.05	8	<0.5	<0.2
REP 142035	QC	11	31	0.34	171	0.058	<1	2.03	0.010	0.03	0.1	0.02	3.1	0.1	<0.05	8	<0.5	<0.2
142038	Soil	9	26	0.34	156	0.029	1	1.66	0.008	0.04	<0.1	0.03	2.0	0.1	<0.05	6	<0.5	<0.2
REP 142038	QC	9	26	0.33	155	0.030	1	1.65	0.008	0.04	<0.1	0.03	2.1	0.1	<0.05	6	0.6	<0.2
142061	Soil	9	21	0.17	187	0.030	<1	1.43	0.007	0.04	<0.1	0.09	1.6	<0.1	0.06	7	<0.5	<0.2
REP 142061	QC	9	21	0.17	189	0.027	<1	1.40	0.007	0.04	<0.1	0.11	1.5	<0.1	0.06	7	0.5	<0.2
Reference Materials																		
STD DS7	Standard	14	190	1.12	428	0.138	45	1.13	0.115	0.48	4.0	0.23	2.8	4.0	0.19	5	4.0	1.7
STD DS7	Standard	13	203	1.08	421	0.125	39	1.04	0.100	0.48	4.2	0.23	2.7	4.2	0.22	5	3.9	1.2
STD DS7	Standard	13	198	1.04	414	0.126	40	1.03	0.099	0.49	4.1	0.22	2.6	4.2	0.21	5	3.7	1.2
STD DS7	Standard	12	179	0.99	429	0.110	38	0.96	0.093	0.50	3.6	0.23	2.2	4.4	0.21	4	4.0	0.8
STD DS7	Standard	12	190	1.05	402	0.113	37	0.95	0.101	0.50	3.7	0.23	2.1	4.4	0.18	5	3.5	1.1
STD DS7	Standard	12	188	1.03	400	0.126	41	1.02	0.097	0.48	4.0	0.22	2.4	4.4	0.20	5	3.9	1.4
STD DS7	Standard	14	182	1.05	410	0.130	37	1.03	0.105	0.47	3.7	0.20	2.5	4.1	0.19	5	3.5	0.7
STD DS7	Standard	13	201	1.08	429	0.116	41	1.06	0.106	0.50	4.2	0.21	2.7	4.3	0.16	5	4.1	1.2
STD DS7	Standard	13	199	1.07	413	0.113	38	1.06	0.101	0.48	4.2	0.23	2.6	4.1	0.18	5	3.6	1.5
STD DS7	Standard	14	195	1.04	415	0.130	41	1.08	0.101	0.47	4.1	0.23	2.7	4.3	0.20	5	3.8	0.7
STD DS7	Standard	13	192	1.08	404	0.133	39	1.07	0.104	0.49	4.1	0.22	2.5	4.6	0.19	5	3.7	1.1
STD DS7	Standard	12	210	1.06	409	0.112	38	1.02	0.096	0.49	2.6	0.24	2.5	4.5	0.21	5	3.7	1.3
STD DS7 Expected		12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



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QUALITY CONTROL REPORT

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		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



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Part 2

QUALITY CONTROL REPORT

WHI1000024.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2