



BUREAU VERITAS MINERAL LABORATORIES
Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: Longford Exploration Services Ltd.
460-688 West Hastings St.
Vancouver British Columbia V6B 1P1 Canada

Submitted By: James Rogers
Receiving Lab: Canada-Whitehorse
Received: July 06, 2020
Analysis Start: July 13, 2020
Report Date: July 22, 2020
Page: 1 of 10

CERTIFICATE OF ANALYSIS

WHI20000084.1

CLIENT JOB INFORMATION

Project: Silverhart
Shipment ID:
P.O. Number
Number of Samples: 247

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
DY060	246	Dry at 60C			WHI
SS80	246	Dry at 60C sieve 100g to -80 mesh			WHI
AQ250	246	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN
SHP01	246	Per sample shipping charges for branch shipments			VAN
SVRJT	246	Save all or part of Soil Reject			WHI

ADDITIONAL COMMENTS

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

Invoice To: Longford Exploration Services Ltd.
460-688 West Hastings St.
Vancouver British Columbia V6B 1P1
Canada

CC: Kevin Brewer
Vedran Pobric



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. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Method Analyte Unit MDL	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	%
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001	0.001
1811401	Soil	10.12	4.96	36.00	189.0	356	5.5	4.0	427	2.05	2.1	1.2	1.3	3.7	12.3	0.47	0.18	0.48	41	0.10	0.087
1811402	Soil	2.60	5.49	23.45	127.4	140	6.9	5.0	301	2.48	2.0	1.7	0.6	8.5	8.3	0.16	0.14	0.55	48	0.08	0.066
1811403	Soil	0.88	2.98	18.97	108.7	350	4.8	3.1	205	1.50	1.8	1.0	0.6	6.0	8.3	0.12	0.09	0.49	30	0.07	0.053
1811404	Soil	4.32	5.23	18.73	93.9	839	4.8	4.2	257	1.90	1.7	1.7	0.6	7.2	9.5	0.16	0.12	0.36	35	0.08	0.054
1811405	Soil	6.67	6.81	46.51	184.0	671	7.6	5.4	360	2.69	4.5	2.1	0.9	4.7	9.9	0.44	0.20	0.65	44	0.07	0.088
1811406	Soil	6.14	4.57	29.29	150.2	736	5.7	3.5	238	2.14	2.2	1.0	0.6	4.7	8.3	0.18	0.16	0.47	40	0.06	0.068
1811407	Soil	5.58	6.41	28.68	155.5	939	8.2	4.1	208	2.02	2.7	1.8	3.5	2.2	12.4	0.38	0.26	0.58	35	0.08	0.054
1811408	Soil	17.18	9.90	62.00	318.8	366	9.4	9.7	1066	2.44	6.3	1.3	0.7	0.7	17.8	2.38	0.33	0.46	42	0.14	0.050
1811409	Soil	4.27	6.90	28.18	137.5	1708	7.5	5.0	352	1.86	2.6	1.5	0.6	2.3	21.6	0.49	0.48	0.36	33	0.16	0.038
1811410	Soil	17.86	21.55	93.93	263.9	1037	20.8	10.0	915	2.72	8.2	11.2	1.0	5.2	42.8	0.66	0.99	0.41	37	0.54	0.053
1811411	Soil	27.46	26.92	104.65	428.1	2841	20.2	10.3	1217	2.84	7.3	14.3	0.9	2.2	50.5	2.37	0.63	0.48	39	0.54	0.061
1811412	Soil	8.50	8.23	35.33	214.4	257	9.0	5.3	309	1.97	1.6	3.3	0.8	5.4	17.9	0.67	0.15	0.53	41	0.15	0.034
1811413	Soil	10.35	8.34	28.46	117.7	355	6.9	5.1	278	2.10	2.1	1.7	0.8	5.9	9.5	0.21	0.18	0.45	39	0.08	0.052
1811414	Soil	8.94	6.03	20.06	115.3	124	6.7	4.1	290	1.92	1.8	0.9	0.5	3.4	10.1	0.40	0.20	0.56	39	0.06	0.044
1811415	Soil	11.30	9.86	23.75	307.3	446	11.3	7.1	347	3.15	2.8	2.6	0.7	6.7	16.0	0.40	0.27	0.59	59	0.13	0.092
1811416	Soil	15.52	25.31	34.78	210.1	1158	9.9	6.1	484	2.33	3.6	7.8	<0.2	1.8	23.3	0.51	0.30	0.54	43	0.18	0.055
1811417	Soil	6.49	10.17	29.98	184.3	490	12.1	7.2	546	2.09	5.0	7.4	1.1	7.3	10.9	0.32	0.27	0.41	32	0.13	0.060
1811418	Soil	4.73	5.47	21.82	115.1	193	4.9	3.8	748	1.73	1.7	1.6	1.3	1.1	21.2	0.39	0.16	0.35	29	0.17	0.070
1811419	Soil	2.17	3.52	17.42	85.9	252	3.7	3.2	295	1.66	1.4	1.3	0.7	1.4	9.4	0.22	0.12	0.30	27	0.15	0.098
1811420	Soil	6.25	3.11	86.66	38.7	112	2.9	1.6	148	1.05	1.2	1.0	1.4	4.3	7.2	0.11	0.17	0.28	33	0.06	0.025
1811421	Soil	3.75	3.59	15.28	107.0	175	2.9	2.2	175	1.68	0.8	1.6	0.8	3.6	6.8	0.10	0.10	0.19	22	0.07	0.056
1811422	Soil	34.84	9.51	19.42	98.2	291	4.8	3.2	190	2.46	2.2	2.6	1.6	4.5	6.7	0.19	0.22	0.35	43	0.06	0.041
1811423	Soil	2.61	4.42	15.39	47.1	70	3.1	2.2	126	1.58	1.9	2.0	0.7	6.0	9.5	0.13	0.13	0.20	31	0.11	0.076
1811424	Soil	3.10	4.01	12.26	39.0	148	5.8	2.6	138	1.73	2.6	0.9	0.2	8.9	6.6	0.05	0.20	0.32	38	0.05	0.027
1811425	Soil	1.72	5.60	16.58	93.2	708	4.5	3.5	236	1.69	1.9	1.6	0.4	5.1	6.6	0.22	0.14	0.27	30	0.10	0.071
1811426	Soil	3.32	2.48	17.20	107.6	85	2.9	2.2	115	1.37	1.2	0.9	0.2	6.5	4.4	0.10	0.13	0.27	25	0.08	0.064
1811427	Soil	3.93	2.32	14.05	108.8	157	3.3	1.9	132	1.35	1.8	0.8	0.3	4.6	7.2	0.12	0.11	0.26	26	0.05	0.047
1811428	Soil	7.02	7.23	29.12	104.9	471	5.4	2.4	197	1.24	1.3	2.3	0.5	0.2	9.0	0.60	0.14	0.39	30	0.05	0.040
1811429	Soil	3.20	4.39	17.64	60.1	188	6.1	3.9	343	2.67	2.8	1.2	1.0	6.7	8.6	0.11	0.18	0.27	51	0.08	0.035
1811430	Soil	7.21	21.90	41.12	146.3	1635	7.5	6.0	2271	2.37	3.9	4.0	2.2	0.6	24.5	1.12	0.37	0.22	29	0.28	0.108



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Method	Analyte	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	5	0.1	0.02	0.1	0.1
1811401	Soil	19.3	10.8	0.27	84.8	0.077	<20	1.03	0.008	0.11	0.4	1.7	0.14	<0.02	18	0.1	<0.02	8.5
1811402	Soil	24.7	11.5	0.43	72.4	0.080	<20	1.88	0.007	0.14	0.4	2.6	0.18	<0.02	26	0.2	<0.02	9.9
1811403	Soil	24.2	8.9	0.27	62.2	0.047	<20	1.28	0.007	0.07	0.4	1.6	0.13	<0.02	22	0.1	<0.02	7.8
1811404	Soil	25.5	7.9	0.37	77.1	0.058	<20	1.59	0.007	0.13	0.3	2.2	0.16	<0.02	33	0.2	<0.02	7.5
1811405	Soil	21.8	12.4	0.31	89.0	0.072	<20	1.59	0.007	0.13	0.5	1.9	0.13	<0.02	42	0.3	0.02	9.7
1811406	Soil	18.8	11.4	0.27	63.2	0.067	<20	1.31	0.006	0.10	0.4	1.7	0.12	<0.02	27	0.2	<0.02	8.7
1811407	Soil	20.3	13.7	0.29	61.1	0.064	<20	1.35	0.006	0.11	0.4	1.5	0.11	0.02	41	0.2	<0.02	7.6
1811408	Soil	16.0	16.1	0.22	150.9	0.053	<20	0.89	0.005	0.11	0.2	1.0	0.10	0.02	29	0.1	0.03	7.2
1811409	Soil	24.4	9.0	0.34	65.0	0.064	<20	1.11	0.007	0.13	0.3	1.6	0.13	0.02	28	0.2	<0.02	6.3
1811410	Soil	27.7	25.2	0.48	85.8	0.067	<20	1.59	0.009	0.16	0.5	3.7	0.21	<0.02	18	0.3	0.02	7.0
1811411	Soil	29.7	17.9	0.41	130.0	0.049	<20	1.87	0.009	0.19	0.3	2.9	0.21	0.02	29	0.3	0.03	8.0
1811412	Soil	31.4	12.8	0.44	84.4	0.090	<20	1.50	0.012	0.12	0.3	2.7	0.17	<0.02	9	0.1	<0.02	7.9
1811413	Soil	21.6	10.7	0.35	86.9	0.067	<20	1.59	0.009	0.12	0.4	2.5	0.16	<0.02	23	<0.1	<0.02	8.2
1811414	Soil	18.2	13.2	0.24	80.5	0.100	<20	0.86	0.007	0.11	0.3	1.6	0.12	<0.02	12	0.2	<0.02	8.1
1811415	Soil	21.8	19.1	0.56	105.0	0.139	<20	1.86	0.008	0.19	0.4	3.4	0.15	<0.02	12	0.2	<0.02	10.4
1811416	Soil	22.7	14.7	0.40	160.6	0.048	<20	1.90	0.010	0.14	0.5	2.2	0.17	<0.02	22	0.2	<0.02	8.7
1811417	Soil	27.4	17.9	0.32	80.1	0.057	<20	1.45	0.005	0.13	0.5	2.2	0.15	<0.02	15	0.2	<0.02	5.5
1811418	Soil	19.4	8.5	0.22	105.6	0.046	<20	0.95	0.006	0.13	0.4	1.2	0.17	0.04	75	0.3	<0.02	7.6
1811419	Soil	24.8	6.4	0.23	56.6	0.031	<20	1.43	0.007	0.11	1.9	1.0	0.14	0.03	67	0.3	<0.02	6.1
1811420	Soil	24.3	8.2	0.06	35.7	0.092	<20	0.52	0.004	0.04	0.1	0.8	0.08	<0.02	22	0.1	<0.02	6.9
1811421	Soil	29.0	5.7	0.18	60.0	0.008	<20	1.43	0.004	0.08	0.3	1.3	0.14	<0.02	39	0.2	<0.02	7.6
1811422	Soil	19.3	10.0	0.14	47.5	0.038	<20	1.30	0.006	0.07	0.3	1.6	0.27	0.03	50	0.3	<0.02	10.6
1811423	Soil	24.0	6.3	0.15	60.6	0.041	<20	1.11	0.006	0.05	0.4	1.4	0.10	<0.02	41	0.2	<0.02	7.0
1811424	Soil	23.8	10.8	0.19	26.2	0.082	<20	0.73	0.004	0.05	0.3	1.4	0.09	<0.02	22	0.1	<0.02	8.2
1811425	Soil	24.4	9.8	0.24	55.1	0.052	<20	1.87	0.007	0.10	0.5	1.8	0.15	<0.02	35	0.3	<0.02	6.4
1811426	Soil	22.6	5.6	0.18	26.9	0.047	<20	1.00	0.006	0.06	0.4	1.4	0.10	<0.02	26	0.2	<0.02	8.6
1811427	Soil	20.5	7.2	0.15	46.9	0.040	<20	0.86	0.005	0.05	0.3	1.1	0.10	<0.02	18	0.1	<0.02	7.0
1811428	Soil	18.4	10.5	0.18	67.9	0.027	<20	1.16	0.007	0.05	0.3	0.5	0.11	0.03	20	0.1	<0.02	7.3
1811429	Soil	23.6	14.2	0.29	62.7	0.068	<20	1.55	0.004	0.07	0.2	2.2	0.19	<0.02	30	0.2	0.02	11.5
1811430	Soil	17.1	10.3	0.15	281.0	0.015	<20	1.29	0.006	0.09	0.2	1.0	0.35	0.09	149	0.5	0.02	7.8



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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	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	%	%
	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001		
1811431	Soil	10.44	6.84	24.39	159.4	85	6.2	5.1	1171	1.98	1.6	1.2	1.2	0.6	12.2	0.78	0.18	0.44	39	0.13	0.065	
1811432	Soil	5.59	6.84	20.43	127.2	391	5.8	4.3	687	1.59	2.1	2.6	0.8	1.1	22.9	1.15	0.19	0.33	26	0.22	0.051	
1811433	Soil	4.71	7.77	26.96	49.6	332	8.2	3.0	117	1.89	4.9	3.5	1.8	2.2	8.8	0.23	0.23	0.26	32	0.09	0.047	
1811434	Soil	2.15	3.37	11.12	14.5	105	2.3	1.2	42	0.97	0.6	1.4	1.2	6.0	4.5	0.05	0.12	0.24	29	0.03	0.016	
1811435	Soil	4.09	8.21	35.23	183.9	45	5.4	2.9	507	2.15	4.6	1.7	0.7	6.2	4.5	0.07	0.21	0.23	20	0.05	0.055	
1811436	Soil	2.32	3.69	17.06	104.2	190	4.3	2.2	121	1.52	2.2	1.4	0.5	2.7	4.9	0.15	0.14	0.26	21	0.07	0.083	
1811437	Soil	2.61	2.73	11.97	76.2	420	3.1	1.9	107	1.52	1.8	1.3	<0.2	5.4	6.9	0.15	0.12	0.31	29	0.05	0.041	
1811438	Soil	8.17	4.98	52.05	288.0	2337	4.0	3.4	497	1.70	2.8	2.8	0.5	13.3	5.9	0.26	0.91	0.24	23	0.08	0.070	
1811439	Soil	1.82	4.78	13.93	62.4	757	6.5	3.3	186	1.67	2.3	2.2	0.2	6.4	10.0	0.22	0.15	0.26	27	0.14	0.071	
1811440	Soil	1.43	3.49	15.25	76.7	442	4.5	3.5	152	1.60	2.0	1.7	0.3	7.0	8.2	0.16	0.14	0.26	25	0.11	0.049	
1811441	Soil	3.61	4.48	17.41	53.2	85	6.9	3.1	190	1.70	3.0	1.4	<0.2	3.2	7.9	0.06	0.22	0.30	34	0.08	0.046	
1811442	Soil	5.32	8.64	39.95	64.4	509	4.8	2.7	158	1.57	2.0	4.4	1.7	0.3	7.0	0.10	0.17	0.51	24	0.05	0.062	
1811443	Soil	1.15	7.91	23.08	54.4	569	3.9	3.6	170	1.48	1.7	2.2	0.8	9.3	6.5	0.16	0.17	0.34	24	0.08	0.038	
1811444	Soil	2.80	2.89	28.76	32.8	308	2.7	2.0	82	0.95	2.2	2.2	1.1	5.7	6.9	0.15	0.14	0.17	14	0.11	0.054	
1811445	Soil	3.15	5.25	24.17	90.8	458	5.7	2.9	182	2.04	3.3	1.7	0.4	6.7	8.0	0.13	0.26	0.41	33	0.06	0.051	
1811446	Soil	1.85	4.51	113.28	47.5	1417	5.6	2.1	120	1.30	2.5	2.0	0.6	0.2	7.9	0.11	0.21	0.51	29	0.07	0.056	
1811447	Soil	1.89	4.53	73.87	57.3	883	5.8	2.4	149	1.55	2.4	2.0	1.3	0.9	7.4	0.11	0.22	0.26	26	0.14	0.090	
1811448	Soil	4.37	5.46	34.28	83.9	1150	6.6	2.4	126	1.86	3.2	2.5	2.2	1.4	7.9	0.14	0.23	0.37	40	0.07	0.043	
1811449	Soil	4.60	5.83	25.04	87.3	1079	5.0	2.7	251	1.97	3.1	2.6	<0.2	1.0	7.2	0.14	0.28	0.49	40	0.06	0.050	
1811450	Soil	3.40	5.31	24.71	121.0	5534	6.5	3.3	232	2.20	3.0	1.2	<0.2	6.2	7.4	0.18	0.21	0.31	40	0.06	0.041	
1811150	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1811151	Soil	0.56	3.89	14.69	38.0	192	4.7	2.8	151	1.48	1.4	1.4	0.2	4.4	9.9	0.09	0.10	0.42	34	0.08	0.039	
1811152	Soil	0.50	3.36	9.02	49.4	188	4.8	3.2	146	1.87	1.2	1.0	0.3	6.5	8.2	0.08	0.10	0.32	33	0.08	0.051	
1811153	Soil	1.68	4.22	20.15	69.4	188	4.8	3.7	184	2.03	2.1	1.5	0.6	8.9	7.2	0.10	0.14	0.42	36	0.05	0.040	
1811154	Soil	0.78	3.10	13.79	70.4	153	3.6	2.9	155	1.68	1.2	1.4	0.4	4.5	7.3	0.21	0.12	0.30	29	0.11	0.076	
1811155	Soil	3.47	6.41	37.90	99.9	260	9.1	3.9	287	1.79	2.5	2.2	<0.2	1.1	9.7	0.12	0.19	0.48	35	0.08	0.042	
1811156	Soil	4.25	14.25	166.15	336.9	1746	9.5	4.7	302	2.13	2.4	10.6	0.6	1.9	11.3	0.28	0.22	0.51	37	0.10	0.068	
1811157	Soil	3.38	7.37	56.73	436.5	979	8.3	4.6	710	2.48	4.1	4.9	1.2	2.4	12.4	0.31	0.48	0.89	31	0.08	0.039	
1811158	Soil	4.33	10.44	125.42	895.0	1833	9.4	4.1	407	2.28	3.9	6.8	1.1	3.9	23.0	0.32	0.29	0.49	35	0.22	0.066	
1811159	Soil	6.30	17.57	72.53	442.2	1315	7.2	3.5	296	1.93	23.9	4.9	0.6	2.6	12.7	0.68	0.23	1.07	35	0.08	0.030	



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Method	Analyte	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.01	0.01	0.02	5	0.1	0.02	0.1	0.1
1811431	Soil	17.3	12.9	0.16	113.3	0.074	<20	0.77	0.006	0.08	0.2	0.9	0.15	0.02	22	0.2	<0.02	7.8
1811432	Soil	23.6	9.6	0.24	117.6	0.037	<20	0.99	0.008	0.10	0.3	1.1	0.12	0.02	20	0.2	<0.02	5.5
1811433	Soil	15.7	16.2	0.25	43.9	0.050	<20	1.34	0.012	0.04	0.3	1.5	0.11	0.02	40	0.3	<0.02	6.0
1811434	Soil	23.8	6.9	0.06	48.9	0.029	<20	0.92	0.006	0.03	0.1	0.9	0.17	<0.02	22	<0.1	<0.02	8.9
1811435	Soil	20.4	8.9	0.22	36.2	0.010	<20	1.37	0.004	0.07	1.5	1.2	0.19	<0.02	27	0.3	<0.02	5.3
1811436	Soil	20.4	7.9	0.18	29.8	0.033	<20	0.97	0.005	0.05	0.4	1.0	0.07	<0.02	41	0.2	<0.02	5.7
1811437	Soil	19.7	7.9	0.16	34.0	0.056	<20	1.23	0.004	0.04	0.3	1.3	0.09	<0.02	39	0.3	<0.02	8.0
1811438	Soil	32.4	8.9	0.19	36.2	0.032	<20	1.67	0.006	0.06	0.5	1.9	0.14	<0.02	48	0.3	<0.02	5.4
1811439	Soil	24.2	11.7	0.25	47.6	0.053	<20	1.87	0.007	0.08	0.5	1.8	0.12	<0.02	31	0.5	<0.02	5.4
1811440	Soil	26.0	7.6	0.21	41.9	0.037	<20	1.68	0.007	0.06	0.4	1.6	0.12	0.02	63	0.3	<0.02	5.3
1811441	Soil	23.5	12.1	0.23	34.4	0.065	<20	0.95	0.005	0.06	0.6	1.3	0.12	<0.02	15	0.2	<0.02	7.7
1811442	Soil	18.5	10.4	0.19	43.0	0.018	<20	1.35	0.005	0.06	0.5	0.5	0.15	0.04	46	0.3	<0.02	6.1
1811443	Soil	29.0	6.8	0.22	40.0	0.050	<20	1.54	0.006	0.08	1.2	1.9	0.14	<0.02	32	<0.1	0.04	4.8
1811444	Soil	22.4	4.3	0.11	29.1	0.025	<20	0.83	0.010	0.04	0.4	1.1	0.07	<0.02	31	0.2	<0.02	2.6
1811445	Soil	21.4	10.3	0.24	38.5	0.053	<20	1.20	0.005	0.06	2.5	1.6	0.12	<0.02	41	0.3	<0.02	7.4
1811446	Soil	17.0	13.2	0.18	34.3	0.032	<20	1.21	0.007	0.05	0.1	0.5	0.11	0.03	63	0.3	<0.02	7.7
1811447	Soil	22.8	11.8	0.20	30.2	0.032	<20	1.18	0.007	0.06	0.5	0.8	0.10	0.02	42	0.3	<0.02	6.2
1811448	Soil	19.0	18.8	0.21	36.9	0.084	<20	1.51	0.005	0.04	0.2	1.3	0.11	0.02	48	0.4	<0.02	9.9
1811449	Soil	21.3	14.2	0.14	40.9	0.056	<20	1.36	0.005	0.04	0.2	1.0	0.13	0.03	41	0.5	0.02	8.9
1811450	Soil	17.3	21.0	0.21	46.4	0.099	<20	1.90	0.005	0.04	0.2	1.9	0.11	<0.02	76	0.3	<0.02	8.4
1811150	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1811151	Soil	26.0	9.4	0.23	44.5	0.075	<20	1.36	0.008	0.07	0.3	1.5	0.15	<0.02	18	0.2	<0.02	7.8
1811152	Soil	22.5	8.7	0.29	44.6	0.082	<20	1.48	0.008	0.09	0.6	1.9	0.12	<0.02	19	0.2	<0.02	8.2
1811153	Soil	22.2	8.8	0.29	63.4	0.074	<20	1.54	0.007	0.11	0.6	2.0	0.17	<0.02	26	0.2	<0.02	7.7
1811154	Soil	29.3	7.7	0.22	41.5	0.053	<20	1.86	0.007	0.09	0.5	1.5	0.13	<0.02	28	0.4	<0.02	6.6
1811155	Soil	23.2	16.7	0.33	52.4	0.058	<20	1.31	0.007	0.09	0.3	1.4	0.15	0.02	21	0.2	<0.02	9.5
1811156	Soil	24.0	18.5	0.37	58.5	0.045	<20	1.93	0.006	0.06	0.6	2.0	0.16	0.02	41	0.4	<0.02	8.5
1811157	Soil	31.6	15.5	0.32	57.5	0.017	<20	1.83	0.006	0.09	0.6	2.0	0.20	<0.02	28	0.3	0.02	7.1
1811158	Soil	22.9	16.4	0.36	54.7	0.047	<20	1.64	0.008	0.09	0.2	1.9	0.14	<0.02	31	0.2	<0.02	7.3
1811159	Soil	25.3	14.4	0.27	101.0	0.057	<20	1.40	0.006	0.08	0.3	1.7	0.13	<0.02	21	0.2	<0.02	8.2



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Method Analyte	Unit	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	MDL	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
1811160	Soil	3.04	6.71	55.81	195.7	333	3.3	2.2	122	1.99	16.0	1.5	<0.2	0.6	16.3	0.39	0.21	0.53	21	0.04	0.038
1811161	Soil	8.77	12.33	45.36	540.3	899	9.4	4.0	398	2.10	4.4	9.2	0.3	0.9	33.1	1.10	0.46	0.64	40	0.33	0.039
1811162	Soil	1.21	3.81	18.63	129.4	608	4.0	2.7	155	1.55	3.7	1.9	<0.2	1.5	6.6	0.23	0.11	0.40	26	0.06	0.037
1811163	Soil	2.22	5.42	39.00	331.3	225	10.9	5.5	383	1.70	4.1	2.7	0.6	5.9	8.4	0.20	0.26	0.27	27	0.14	0.059
1811164	Soil	2.31	3.15	14.64	90.8	54	5.7	3.7	436	2.00	1.3	1.6	2.9	6.7	4.8	0.08	0.10	0.26	30	0.06	0.072
1811165	Soil	2.16	5.84	17.40	91.4	465	6.8	6.0	280	2.53	1.5	0.9	16.1	8.1	26.4	0.18	0.09	0.34	53	0.14	0.052
1811166	Soil	2.06	3.64	18.81	124.5	182	5.7	4.1	235	2.09	1.4	0.7	<0.2	6.1	12.8	0.18	0.15	0.37	44	0.07	0.042
1811167	Soil	2.68	5.26	25.97	311.6	1129	6.4	4.0	216	1.95	16.9	1.7	<0.2	7.0	8.9	0.27	0.22	0.42	31	0.07	0.028
1811168	Soil	1.81	5.06	28.52	292.3	1262	6.6	3.0	151	2.16	19.9	1.2	0.9	3.9	8.7	0.24	0.81	0.57	32	0.05	0.048
1811169	Soil	1.81	6.96	56.78	324.2	3098	5.7	2.4	173	1.53	34.0	2.3	2.7	1.0	10.4	0.48	0.66	0.56	24	0.06	0.035
1811170	Soil	2.98	20.88	24.28	725.6	710	8.8	4.4	817	1.72	27.7	9.4	2.3	0.9	31.9	2.98	0.53	0.63	26	0.29	0.060
1811171	Soil	3.77	5.35	24.63	106.2	2627	5.0	2.1	134	1.31	21.4	0.8	1.7	1.0	11.7	0.42	0.49	0.61	36	0.05	0.023
1811172	Soil	1.75	13.62	27.88	493.8	1595	5.3	2.2	244	1.03	15.8	5.4	1.0	0.7	33.2	2.37	0.56	0.62	19	0.31	0.033
1811173	Soil	2.24	32.92	43.16	3114.2	1423	13.2	6.6	672	2.30	40.1	19.4	2.9	2.5	39.5	4.31	0.76	1.05	31	0.40	0.069
1811174	Soil	2.10	5.66	19.42	457.5	445	6.3	3.2	219	2.18	31.6	2.7	1.6	8.3	16.0	1.32	0.44	0.68	29	0.10	0.079
1811175	Soil	1.23	4.12	20.34	192.0	78	7.1	3.1	230	1.93	8.8	0.9	1.7	7.5	11.2	0.48	0.26	0.65	30	0.10	0.074
1811176	Soil	0.63	1.96	11.59	131.7	78	2.8	1.8	108	1.05	0.5	0.6	0.3	6.1	6.9	0.37	0.07	0.32	24	0.05	0.054
1811177	Soil	1.52	4.34	17.89	105.1	138	4.9	2.8	169	1.33	1.3	0.8	0.9	3.7	10.7	0.23	0.14	0.79	30	0.07	0.038
1811178	Soil	1.91	6.63	25.09	202.5	764	7.6	5.5	290	2.47	9.9	1.1	0.2	5.7	14.8	0.26	0.19	0.59	46	0.11	0.093
1811179	Soil	0.93	3.85	18.40	67.1	149	3.8	3.4	159	1.97	1.8	1.0	11.1	8.8	17.1	0.14	0.08	0.36	35	0.19	0.110
1811180	Soil	2.89	6.01	28.90	98.7	142	6.1	5.5	252	2.30	1.2	1.1	0.8	4.5	17.3	0.16	0.09	0.46	49	0.11	0.082
1811181	Soil	4.28	9.83	29.87	124.6	433	7.7	6.6	333	2.68	1.8	5.5	0.3	12.9	17.2	0.17	0.10	0.51	57	0.09	0.039
1811182	Soil	6.50	5.37	22.54	92.1	194	6.9	4.5	342	1.81	1.0	4.0	0.4	8.7	25.3	0.16	0.07	0.43	38	0.22	0.049
1811183	Soil	2.81	5.76	21.57	98.7	159	4.4	4.0	308	1.75	1.2	1.8	0.3	6.3	19.7	0.12	0.08	0.40	35	0.18	0.081
1811184	Soil	2.77	8.50	33.85	162.2	405	5.8	4.7	354	1.79	3.0	1.8	0.6	1.3	12.1	0.34	0.11	0.43	32	0.05	0.038
1811185	Soil	6.53	12.03	47.81	484.1	1058	10.1	7.6	571	3.34	8.2	2.7	0.7	7.8	14.7	0.41	0.19	0.78	63	0.09	0.070
1811186	Soil	8.44	16.68	67.95	536.6	696	10.8	8.6	659	3.09	2.2	4.2	0.2	4.8	34.3	0.70	0.17	0.71	61	0.35	0.080
1811187	Soil	7.58	8.98	27.54	415.3	328	13.8	6.1	281	2.78	4.3	1.5	1.1	3.2	22.6	0.36	0.16	1.36	52	0.16	0.043
1811188	Soil	1.54	2.93	9.82	48.8	66	2.9	2.1	103	1.64	1.3	0.9	0.3	7.4	8.0	0.16	0.09	0.38	30	0.08	0.078
1811189	Soil	1.70	3.14	17.06	120.3	303	4.5	3.2	172	1.86	2.6	1.2	0.6	7.9	10.7	0.20	0.11	0.42	31	0.08	0.043



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Method	Analyte	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.01	0.01	0.02	5	0.1	0.02	0.1	0.1
1811160	Soil	23.0	6.5	0.11	43.7	0.010	<20	1.12	0.004	0.07	1.3	0.5	0.17	0.04	23	0.2	<0.02	4.9
1811161	Soil	31.9	18.7	0.31	90.6	0.071	<20	1.37	0.008	0.08	0.5	1.4	0.10	0.03	16	0.2	<0.02	8.3
1811162	Soil	24.3	7.3	0.23	39.4	0.048	<20	1.15	0.006	0.06	0.4	1.1	0.09	<0.02	25	0.1	<0.02	6.5
1811163	Soil	24.7	15.3	0.28	44.0	0.060	<20	1.23	0.006	0.07	0.3	1.6	0.12	<0.02	15	0.2	<0.02	5.0
1811164	Soil	28.7	11.5	0.27	46.9	0.026	<20	1.37	0.007	0.07	0.3	1.6	0.14	<0.02	18	0.1	<0.02	9.0
1811165	Soil	26.8	8.9	0.54	63.4	0.125	<20	2.09	0.009	0.10	0.4	3.1	0.13	<0.02	25	0.1	<0.02	8.9
1811166	Soil	18.1	10.7	0.34	60.1	0.109	<20	1.39	0.007	0.08	0.4	2.1	0.12	<0.02	19	0.2	<0.02	9.2
1811167	Soil	26.4	10.1	0.33	68.7	0.067	<20	1.40	0.006	0.09	0.7	2.0	0.13	<0.02	22	0.2	<0.02	8.0
1811168	Soil	25.8	12.1	0.20	39.8	0.032	<20	1.19	0.005	0.07	0.4	1.3	0.11	<0.02	38	0.2	0.02	7.8
1811169	Soil	23.0	9.9	0.16	62.7	0.024	<20	1.04	0.006	0.05	0.3	0.8	0.12	<0.02	42	0.2	<0.02	5.3
1811170	Soil	29.2	13.4	0.22	77.7	0.030	<20	1.00	0.006	0.10	0.3	1.0	0.14	0.04	58	0.2	0.02	5.5
1811171	Soil	21.7	11.1	0.09	52.9	0.072	<20	0.64	0.006	0.05	0.2	0.7	0.10	<0.02	23	<0.1	0.02	7.3
1811172	Soil	21.6	8.9	0.19	68.7	0.023	<20	0.80	0.006	0.05	0.8	0.7	0.08	0.02	15	0.1	<0.02	4.7
1811173	Soil	38.2	17.4	0.41	120.8	0.047	<20	1.60	0.009	0.18	0.5	2.3	0.16	0.03	20	0.4	0.03	6.5
1811174	Soil	30.2	12.0	0.23	64.5	0.035	<20	1.06	0.005	0.10	0.4	1.7	0.12	<0.02	14	0.1	0.02	8.0
1811175	Soil	24.4	13.5	0.19	54.8	0.046	<20	0.80	0.004	0.09	0.3	1.4	0.10	<0.02	15	<0.1	0.03	6.9
1811176	Soil	18.6	6.7	0.14	44.0	0.073	<20	0.72	0.005	0.05	0.5	1.1	0.08	<0.02	20	<0.1	<0.02	7.6
1811177	Soil	19.9	9.8	0.18	46.3	0.088	<20	0.67	0.007	0.09	0.3	1.3	0.09	<0.02	12	<0.1	<0.02	8.0
1811178	Soil	22.0	11.8	0.42	76.1	0.090	<20	1.65	0.007	0.13	0.4	2.4	0.14	<0.02	18	0.2	<0.02	10.2
1811179	Soil	26.6	6.2	0.31	51.3	0.065	<20	1.39	0.008	0.10	0.3	1.9	0.12	<0.02	26	0.2	<0.02	7.1
1811180	Soil	24.6	9.2	0.47	86.0	0.116	<20	1.70	0.008	0.14	0.3	2.6	0.17	<0.02	35	0.2	<0.02	9.9
1811181	Soil	27.5	11.1	0.53	94.7	0.113	<20	2.54	0.010	0.16	0.3	3.4	0.23	<0.02	22	0.1	<0.02	10.6
1811182	Soil	32.7	11.0	0.42	96.1	0.085	<20	1.35	0.010	0.13	0.4	2.5	0.18	<0.02	9	<0.1	<0.02	7.0
1811183	Soil	31.1	6.8	0.36	68.4	0.074	<20	1.35	0.010	0.12	0.2	2.1	0.18	<0.02	10	0.1	<0.02	6.9
1811184	Soil	21.6	8.5	0.33	71.4	0.057	<20	1.45	0.010	0.10	0.2	1.5	0.13	<0.02	10	0.1	<0.02	8.8
1811185	Soil	23.7	16.0	0.58	129.8	0.111	<20	2.69	0.009	0.21	0.4	3.6	0.27	<0.02	17	0.2	<0.02	13.3
1811186	Soil	23.9	17.0	0.65	131.7	0.106	<20	2.48	0.014	0.21	0.7	3.5	0.25	<0.02	19	0.2	<0.02	12.7
1811187	Soil	21.6	28.6	0.66	73.5	0.123	<20	1.98	0.012	0.16	0.4	3.5	0.16	<0.02	13	<0.1	0.04	11.5
1811188	Soil	22.7	5.9	0.17	42.1	0.062	<20	0.87	0.007	0.06	0.7	1.3	0.10	<0.02	22	<0.1	<0.02	7.2
1811189	Soil	22.3	9.4	0.25	69.1	0.066	<20	1.34	0.006	0.07	1.0	1.7	0.09	<0.02	52	0.1	<0.02	7.5



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Method	Analyte	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001	
1811190	Soil	0.66	3.42	13.77	82.9	73	3.8	3.4	242	1.99	2.1	1.1	<0.2	9.1	9.1	0.16	0.10	0.37	35	0.08	0.070
1811191	Soil	8.90	11.07	21.61	438.6	243	8.2	5.7	1022	1.84	9.6	7.3	0.4	1.6	33.6	1.29	0.40	0.78	25	0.27	0.067
1811192	Soil	3.32	7.31	54.33	436.0	1905	3.0	4.2	667	1.41	12.6	3.4	0.5	15.9	28.7	1.04	1.06	0.32	7	0.30	0.042
1811193	Soil	2.67	41.88	114.59	4036.8	2005	37.5	14.4	521	3.52	18.9	9.2	1.9	12.3	45.8	2.62	1.54	2.80	40	0.50	0.090
1811194	Soil	3.17	67.56	59.75	3105.8	2742	35.7	15.0	748	4.20	19.1	19.4	4.3	12.6	92.2	3.35	1.86	10.69	42	0.76	0.078
1811195	Soil	0.90	3.78	8.92	144.4	113	4.3	3.5	177	1.93	1.5	1.6	0.3	9.5	13.5	0.29	0.09	0.69	33	0.12	0.020
1811196	Soil	1.52	10.51	22.40	148.7	103	14.3	5.9	275	3.39	7.7	1.0	4.2	5.2	22.6	0.22	0.26	2.26	48	0.09	0.051
1811197	Soil	0.96	5.55	11.53	87.8	81	7.3	3.0	130	1.95	1.0	0.7	0.4	2.8	17.2	0.23	0.13	1.29	39	0.08	0.037
1811198	Soil	1.52	4.32	12.28	60.7	131	5.5	2.9	181	1.92	1.9	0.9	0.2	3.9	8.8	0.14	0.16	1.77	39	0.09	0.074
1811199	Soil	2.55	4.14	12.95	64.9	214	5.8	2.9	134	2.10	2.0	0.7	0.7	5.2	8.8	0.16	0.16	5.97	37	0.07	0.079
1811200	Soil	4.65	5.66	28.96	196.2	394	4.6	7.1	891	2.05	1.4	2.1	<0.2	8.1	7.2	0.28	0.22	0.40	34	0.04	0.063
1811451	Soil	1.37	4.08	10.80	73.6	56	5.7	4.0	180	2.32	2.2	0.8	0.4	9.1	14.5	0.09	0.10	0.36	44	0.09	0.074
1811452	Soil	1.43	2.81	26.90	138.7	402	4.2	3.1	194	1.65	1.9	1.2	<0.2	9.3	9.4	0.16	0.09	0.27	28	0.08	0.052
1811453	Soil	1.58	4.63	26.31	113.7	118	5.3	4.3	309	2.17	3.2	1.5	<0.2	10.8	12.5	0.15	0.13	0.37	38	0.16	0.114
1811454	Soil	2.72	6.43	17.72	108.7	353	5.8	4.2	198	1.96	1.6	1.4	<0.2	6.2	15.4	0.25	0.09	0.44	40	0.09	0.071
1811455	Soil	6.96	10.26	25.46	150.4	787	8.1	5.5	379	2.55	2.5	1.6	0.5	6.1	10.2	0.19	0.13	0.50	48	0.06	0.100
1811456	Soil	1.95	5.40	14.47	67.1	128	5.9	4.6	230	2.02	1.7	1.4	2.8	11.9	16.9	0.16	0.08	0.40	42	0.14	0.076
1811457	Soil	12.19	18.13	42.65	225.8	786	15.5	10.4	668	3.91	3.9	9.5	0.6	7.6	12.0	0.32	0.22	0.90	77	0.09	0.101
1811458	Soil	8.34	5.80	16.03	112.3	148	6.7	4.9	311	1.99	2.0	3.9	0.3	6.7	10.1	0.18	0.12	0.40	38	0.07	0.045
1811459	Soil	8.91	7.47	21.71	145.6	164	6.9	6.3	524	2.23	1.6	2.8	0.8	2.1	23.7	0.48	0.17	0.44	46	0.15	0.033
1811460	Soil	24.51	31.49	168.95	271.2	1690	20.8	11.9	861	3.05	4.3	49.5	0.8	3.8	50.1	0.89	0.40	0.63	49	0.46	0.055
1811461	Soil	2.71	2.57	13.31	63.7	113	3.7	3.0	159	1.94	1.6	1.3	1.1	8.0	7.7	0.07	0.12	0.27	34	0.05	0.019
1811462	Soil	6.09	3.82	21.56	61.2	255	4.7	3.5	163	1.84	2.1	5.6	0.5	7.8	6.4	0.18	0.16	0.25	30	0.11	0.059
1811463	Soil	3.88	3.49	18.28	103.8	152	5.3	3.3	360	1.77	1.8	1.2	<0.2	1.4	13.4	0.23	0.13	0.33	34	0.14	0.054
1811464	Soil	3.31	3.62	15.67	181.5	170	5.0	3.2	189	1.78	1.7	1.0	0.6	4.4	7.5	0.42	0.14	0.23	28	0.07	0.029
1811465	Soil	3.59	8.35	24.63	20.3	504	2.3	0.7	34	0.43	0.8	4.1	0.6	0.1	9.6	0.74	0.10	0.24	10	0.05	0.043
1811466	Soil	3.97	5.34	20.36	27.4	266	2.9	1.2	58	0.79	1.3	1.4	<0.2	0.3	5.8	0.14	0.12	0.60	22	0.03	0.022
1811467	Soil	3.04	5.61	23.12	116.4	145	5.6	3.1	227	1.74	1.8	1.6	0.6	1.7	13.6	0.39	0.24	0.35	28	0.09	0.059
1811468	Soil	10.38	11.44	28.25	222.6	171	4.3	4.0	5197	0.58	0.6	0.7	<0.2	<0.1	34.9	1.11	0.11	0.15	11	0.28	0.113
1811469	Soil	8.48	7.22	28.71	158.6	735	7.4	4.7	397	2.22	2.9	1.1	<0.2	2.9	13.2	0.38	0.22	0.49	40	0.09	0.080



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.01	0.01	0.02	5	0.1	0.02	0.1	0.1
1811190	Soil	25.6	8.0	0.27	51.9	0.065	<20	1.54	0.008	0.08	0.4	2.0	0.11	<0.02	28	0.2	<0.02	7.8
1811191	Soil	22.3	14.3	0.26	70.9	0.034	<20	1.01	0.007	0.09	0.9	1.3	0.10	0.03	30	0.2	0.02	5.4
1811192	Soil	61.4	4.8	0.17	68.5	0.002	<20	0.76	0.003	0.13	0.6	1.1	0.19	<0.02	12	0.1	<0.02	3.1
1811193	Soil	40.0	55.5	0.88	76.4	0.064	<20	2.01	0.016	0.24	2.0	5.0	0.24	<0.02	12	0.4	0.08	7.3
1811194	Soil	45.2	36.2	0.88	114.4	0.110	<20	2.35	0.028	0.37	4.0	5.4	0.29	<0.02	8	0.5	0.15	8.8
1811195	Soil	31.4	5.9	0.31	55.1	0.066	<20	1.10	0.010	0.09	0.6	1.9	0.11	<0.02	8	<0.1	<0.02	7.0
1811196	Soil	19.5	24.6	0.39	73.7	0.085	<20	1.75	0.009	0.14	1.5	2.5	0.14	0.02	33	0.3	0.06	10.3
1811197	Soil	20.6	13.9	0.22	57.5	0.093	<20	0.95	0.007	0.09	0.6	1.5	0.11	<0.02	12	<0.1	0.03	9.4
1811198	Soil	19.9	10.8	0.20	46.0	0.093	<20	1.19	0.005	0.07	0.5	1.3	0.09	<0.02	27	0.2	<0.02	9.3
1811199	Soil	17.9	10.9	0.25	43.8	0.079	<20	1.21	0.006	0.09	0.7	1.6	0.09	<0.02	27	0.1	0.03	8.7
1811200	Soil	30.0	8.4	0.39	55.4	0.063	<20	1.39	0.006	0.15	0.8	2.6	0.21	<0.02	13	<0.1	<0.02	9.0
1811451	Soil	27.7	9.5	0.36	53.2	0.099	<20	1.34	0.009	0.10	0.4	2.3	0.12	<0.02	21	0.1	<0.02	10.4
1811452	Soil	28.4	7.5	0.28	37.9	0.058	<20	1.25	0.008	0.08	0.9	1.7	0.11	<0.02	25	0.1	<0.02	6.8
1811453	Soil	31.2	8.0	0.34	67.1	0.073	<20	1.67	0.010	0.15	0.4	2.3	0.17	<0.02	24	0.2	<0.02	8.0
1811454	Soil	25.5	8.7	0.35	68.5	0.094	<20	1.78	0.009	0.15	1.2	2.4	0.19	<0.02	24	0.2	<0.02	8.9
1811455	Soil	21.2	12.1	0.44	106.4	0.076	<20	2.27	0.008	0.20	0.3	2.9	0.24	<0.02	20	0.2	0.02	10.3
1811456	Soil	30.6	7.8	0.40	69.0	0.101	<20	1.64	0.010	0.15	0.3	2.5	0.16	<0.02	19	0.2	<0.02	6.8
1811457	Soil	24.8	21.2	0.67	199.4	0.125	<20	3.03	0.010	0.32	0.3	4.4	0.35	<0.02	17	0.2	0.02	14.2
1811458	Soil	27.1	10.6	0.37	102.5	0.083	<20	1.32	0.008	0.15	0.5	2.3	0.15	<0.02	13	0.1	<0.02	7.5
1811459	Soil	23.9	10.0	0.48	117.8	0.107	<20	1.46	0.010	0.23	0.3	2.3	0.22	<0.02	12	0.1	<0.02	8.0
1811460	Soil	43.3	23.5	0.50	159.4	0.072	<20	2.15	0.012	0.19	0.5	3.4	0.29	0.02	32	0.3	0.03	8.8
1811461	Soil	21.5	6.9	0.24	57.8	0.050	<20	1.28	0.006	0.05	0.6	1.8	0.11	<0.02	17	0.1	<0.02	8.6
1811462	Soil	20.7	10.3	0.21	40.8	0.057	<20	2.43	0.006	0.05	0.5	2.1	0.13	0.02	85	0.4	<0.02	6.2
1811463	Soil	21.4	8.2	0.23	73.5	0.048	<20	1.20	0.006	0.09	0.5	1.0	0.15	0.03	40	0.2	<0.02	7.1
1811464	Soil	22.5	8.7	0.23	52.4	0.043	<20	1.12	0.005	0.05	0.4	1.4	0.09	<0.02	22	<0.1	<0.02	5.8
1811465	Soil	20.5	4.5	0.03	65.6	0.011	<20	0.64	0.009	0.03	0.1	0.3	0.09	0.05	30	0.3	<0.02	2.7
1811466	Soil	11.0	7.7	0.08	44.9	0.051	<20	0.63	0.007	0.02	0.1	0.6	0.06	<0.02	28	<0.1	<0.02	5.0
1811467	Soil	18.0	9.5	0.18	80.9	0.051	<20	0.79	0.006	0.09	0.5	1.2	0.15	0.02	55	<0.1	<0.02	5.8
1811468	Soil	8.7	4.3	0.04	538.5	0.003	<20	0.34	0.010	0.07	0.2	<0.1	0.19	0.07	110	0.3	<0.02	1.8
1811469	Soil	19.3	12.2	0.30	98.9	0.071	<20	1.39	0.009	0.13	0.3	1.8	0.15	<0.02	26	0.1	<0.02	8.6



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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	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
1811470	Soil	2.85	5.82	30.96	111.4	264	9.5	4.9	291	2.97	4.1	1.6	<0.2	6.4	7.8	0.16	0.26	0.42	62	0.06	0.042
1811471	Soil	2.12	4.60	21.09	68.6	185	5.6	3.5	195	1.80	3.0	1.8	<0.2	3.9	7.7	0.10	0.20	0.26	29	0.07	0.042
1811472	Soil	1.83	5.92	16.36	84.9	1224	5.8	3.9	172	1.71	2.2	2.2	0.3	7.1	6.4	0.18	0.17	0.28	29	0.06	0.039
1811473	Soil	3.00	4.28	20.52	140.4	839	4.7	2.9	173	2.02	3.3	1.5	<0.2	6.3	5.4	0.16	0.32	0.57	32	0.05	0.038
1811474	Soil	4.26	3.97	32.64	144.1	2712	4.3	2.3	183	1.50	2.1	2.4	0.2	1.3	5.3	0.27	0.27	0.28	28	0.06	0.046
1811475	Soil	3.36	4.04	20.20	108.9	154	1.2	1.4	330	1.42	1.1	1.9	<0.2	6.8	5.3	0.10	0.09	0.14	11	0.07	0.106
1811476	Soil	3.15	6.20	21.89	151.1	1559	5.6	2.8	244	1.78	4.9	1.6	0.4	0.6	7.4	0.20	0.24	0.56	23	0.06	0.066
1811477	Soil	2.98	3.86	29.95	124.4	96	3.6	2.7	186	1.81	2.4	2.8	<0.2	6.2	5.7	0.13	0.17	0.24	23	0.06	0.041
1811478	Soil	2.45	3.38	23.18	45.8	362	3.1	1.9	106	1.31	1.4	1.8	<0.2	7.8	5.6	0.06	0.11	0.26	24	0.04	0.023
1811479	Soil	1.53	4.09	21.17	47.8	286	4.4	2.7	158	1.80	1.9	2.0	0.7	5.4	5.6	0.09	0.14	0.37	33	0.05	0.040
1811480	Soil	1.04	3.27	24.79	66.3	248	4.0	3.0	309	1.55	2.1	1.7	0.4	7.7	6.3	0.16	0.15	0.24	26	0.12	0.103
1811481	Soil	1.74	9.14	18.46	52.6	115	3.1	2.2	169	1.44	1.6	2.0	<0.2	4.7	5.8	0.21	0.13	0.31	21	0.11	0.074
1811482	Soil	1.88	5.33	21.87	76.0	209	2.7	2.3	240	1.31	2.0	4.0	<0.2	1.1	5.6	0.26	0.24	0.23	18	0.10	0.072
1811483	Soil	2.36	6.25	20.05	73.9	371	6.0	3.1	241	1.64	2.9	2.7	0.7	0.6	8.6	0.12	0.19	0.35	28	0.07	0.052
1811484	Soil	3.43	12.70	41.90	150.0	606	7.5	3.8	297	1.94	4.1	9.2	0.5	1.1	9.5	0.20	0.30	0.44	33	0.09	0.052
1811485	Soil	2.03	4.21	20.54	51.8	431	5.7	2.7	157	1.72	2.7	1.5	4.2	1.1	7.7	0.12	0.17	0.32	33	0.05	0.037
1811486	Soil	4.60	4.97	30.26	165.6	1063	5.0	3.0	225	1.98	3.6	1.3	<0.2	7.5	6.0	0.15	0.47	0.54	29	0.05	0.039
1811487	Soil	2.97	4.64	17.62	82.5	290	5.6	2.4	148	1.38	2.2	1.7	<0.2	0.6	6.8	0.08	0.17	0.44	30	0.06	0.031
1811488	Soil	1.52	4.41	17.62	121.9	290	3.4	2.4	172	1.86	1.5	1.5	<0.2	4.3	5.1	0.12	0.25	0.35	26	0.06	0.068
1811489	Soil	1.71	3.77	11.72	88.7	87	4.1	2.8	240	1.80	1.3	1.2	0.9	3.9	4.9	0.08	0.12	0.25	28	0.07	0.112
1811490	Soil	3.69	6.70	51.03	288.4	378	7.7	4.8	572	2.23	1.8	1.6	0.8	0.9	16.9	0.85	0.28	0.45	39	0.16	0.059
1811491	Soil	10.12	14.77	552.94	1434.7	1384	8.6	7.0	3309	2.43	1.7	11.8	0.2	1.0	38.8	2.85	0.58	0.46	32	0.31	0.063
1811492	Soil	5.82	7.21	63.75	438.5	1071	2.2	1.6	152	0.96	0.4	2.4	<0.2	0.1	27.7	3.86	0.22	0.24	16	0.31	0.037
1811493	Soil	8.67	30.93	95.49	1371.6	6557	8.4	4.3	1214	2.05	6.9	79.0	1.7	1.1	101.3	4.37	0.23	0.46	22	1.19	0.087
1811494	Soil	9.90	10.51	91.00	403.7	725	5.1	5.6	1917	1.66	1.1	16.9	<0.2	0.4	67.8	2.33	0.15	0.31	26	0.83	0.098
1811495	Soil	8.48	4.21	10.79	120.0	139	4.0	3.4	342	1.73	0.8	1.0	<0.2	3.0	21.7	0.29	0.10	0.29	35	0.18	0.028
1811496	Soil	58.92	8.43	14.48	67.1	59	4.6	3.5	209	1.95	0.7	1.7	3.5	5.6	11.3	0.07	0.07	0.32	35	0.10	0.029
1811497	Soil	19.32	20.52	37.16	518.5	466	6.8	7.3	1921	1.93	0.6	10.9	<0.2	2.3	58.2	3.42	0.12	0.49	30	0.70	0.050
1811498	Soil	13.27	14.52	101.92	1281.3	878	5.0	4.6	1785	1.75	1.8	31.2	4.3	1.0	53.6	3.37	0.15	0.36	21	0.52	0.066
1811499	Soil	6.62	31.04	132.63	3568.8	3186	6.5	4.7	513	2.36	2.1	8.4	0.4	6.6	17.1	1.88	0.66	0.46	29	0.16	0.038



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Method	Analyte	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
1811470	Soil	18.9	19.8	0.32	53.0	0.121	<20	1.49	0.006	0.05	0.3	1.9	0.17	<0.02	33	0.2	0.03	13.4
1811471	Soil	20.6	10.1	0.20	38.5	0.035	<20	1.41	0.006	0.06	0.5	1.3	0.15	0.03	55	0.3	<0.02	5.8
1811472	Soil	19.0	11.0	0.23	48.4	0.045	<20	1.83	0.007	0.05	0.5	1.8	0.15	<0.02	62	0.4	<0.02	6.0
1811473	Soil	20.9	10.8	0.19	39.8	0.042	<20	1.67	0.006	0.05	0.5	1.6	0.16	<0.02	57	0.3	<0.02	7.0
1811474	Soil	21.1	10.6	0.17	38.7	0.035	<20	1.45	0.005	0.04	0.4	1.0	0.14	<0.02	43	0.2	<0.02	7.0
1811475	Soil	27.4	2.4	0.07	41.5	0.002	<20	1.11	0.003	0.07	0.2	0.6	0.25	<0.02	24	<0.1	<0.02	3.9
1811476	Soil	19.2	9.9	0.16	32.7	0.013	<20	1.05	0.006	0.05	0.4	0.5	0.11	0.03	47	0.3	<0.02	5.3
1811477	Soil	27.5	7.0	0.21	36.7	0.023	<20	1.48	0.005	0.06	0.6	1.5	0.15	<0.02	27	0.2	<0.02	5.4
1811478	Soil	27.1	6.8	0.14	33.5	0.037	<20	1.15	0.007	0.05	0.3	1.3	0.16	<0.02	34	0.1	<0.02	7.0
1811479	Soil	23.5	8.7	0.21	34.7	0.054	<20	1.44	0.007	0.07	0.6	1.6	0.15	<0.02	32	0.3	<0.02	8.2
1811480	Soil	24.2	6.8	0.18	32.8	0.039	<20	1.18	0.007	0.05	0.8	1.3	0.10	<0.02	32	0.2	<0.02	4.6
1811481	Soil	28.7	5.7	0.15	25.8	0.027	<20	0.98	0.006	0.05	0.6	0.9	0.08	<0.02	53	0.2	<0.02	4.2
1811482	Soil	27.3	4.4	0.16	31.4	0.015	<20	0.84	0.007	0.05	0.4	0.6	0.09	<0.02	23	0.1	<0.02	4.5
1811483	Soil	19.4	11.1	0.23	37.7	0.027	<20	1.26	0.006	0.06	0.4	0.6	0.11	<0.02	33	0.2	<0.02	6.1
1811484	Soil	26.0	13.6	0.28	52.1	0.033	<20	1.59	0.007	0.06	0.6	1.2	0.15	0.02	20	0.2	<0.02	7.0
1811485	Soil	17.8	12.1	0.21	35.3	0.050	<20	1.23	0.005	0.04	0.2	1.0	0.10	<0.02	30	0.2	<0.02	7.5
1811486	Soil	22.8	9.6	0.21	45.0	0.035	<20	1.31	0.005	0.06	0.6	1.5	0.13	<0.02	50	0.2	<0.02	6.2
1811487	Soil	18.5	12.9	0.21	28.9	0.036	<20	0.97	0.005	0.04	0.3	0.7	0.11	<0.02	18	0.2	<0.02	6.8
1811488	Soil	23.4	6.5	0.19	29.2	0.026	<20	1.33	0.005	0.06	0.4	1.3	0.11	<0.02	30	0.2	0.02	7.6
1811489	Soil	26.2	7.8	0.20	31.3	0.038	<20	0.96	0.007	0.08	1.6	1.3	0.11	<0.02	22	<0.1	<0.02	7.1
1811490	Soil	16.6	14.0	0.26	104.0	0.065	<20	0.93	0.007	0.10	0.4	1.1	0.12	<0.02	18	<0.1	<0.02	7.0
1811491	Soil	31.4	13.7	0.27	137.7	0.025	<20	1.43	0.007	0.09	0.9	1.2	0.15	0.03	23	0.2	0.02	6.4
1811492	Soil	14.7	4.7	0.07	52.0	0.007	<20	0.61	0.007	0.08	0.2	0.2	0.07	0.02	20	<0.1	<0.02	3.6
1811493	Soil	57.1	18.4	0.32	145.6	0.021	<20	2.37	0.017	0.15	0.4	2.1	0.20	0.07	63	0.7	0.03	6.1
1811494	Soil	29.1	8.1	0.26	83.3	0.022	<20	1.05	0.012	0.07	0.5	0.6	0.07	0.06	26	0.3	0.02	5.3
1811495	Soil	20.1	7.1	0.25	77.0	0.056	<20	0.81	0.006	0.10	0.6	1.4	0.11	<0.02	6	<0.1	0.02	6.7
1811496	Soil	21.7	6.9	0.40	50.0	0.066	<20	1.26	0.007	0.11	1.0	2.3	0.15	<0.02	13	<0.1	<0.02	8.5
1811497	Soil	28.4	10.7	0.30	195.2	0.046	<20	1.11	0.009	0.12	2.9	1.8	0.13	0.04	19	0.2	0.03	6.2
1811498	Soil	39.4	8.2	0.26	85.6	0.016	<20	1.30	0.009	0.10	0.3	1.5	0.12	0.03	27	0.3	0.02	5.7
1811499	Soil	26.8	10.6	0.34	49.1	0.020	<20	1.77	0.007	0.12	0.4	2.3	0.20	<0.02	33	0.2	<0.02	7.5

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.



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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	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL
1811500	Soil	7.23	47.97	144.35	2474.9	13587	3.9	2.5	1676	0.91	0.7	19.0	0.6	0.3	67.9	16.75	0.60	0.23	11	0.89	0.050
1811301	Soil	4.99	5.88	25.92	208.2	456	5.2	3.4	309	1.56	1.0	2.1	<0.2	5.6	11.1	0.25	0.11	0.32	27	0.09	0.036
1811302	Soil	9.69	17.88	58.59	366.5	1033	14.5	8.6	1418	2.98	2.8	11.5	0.4	2.8	55.0	1.10	0.22	0.58	50	0.51	0.064
1811303	Soil	4.24	5.98	24.36	143.7	467	7.7	4.0	251	1.97	4.0	2.1	<0.2	5.6	23.5	0.23	0.16	0.97	30	0.12	0.050
1811304	Soil	10.84	11.56	55.12	232.8	924	6.3	6.4	1148	2.15	2.9	7.5	<0.2	0.6	15.1	0.59	0.13	0.46	37	0.08	0.070
1811305	Soil	10.48	6.02	31.72	236.1	383	6.4	3.5	234	1.91	3.1	6.4	<0.2	1.0	31.0	0.71	0.15	0.60	30	0.26	0.047
1811306	Soil	5.45	5.49	14.26	205.8	339	9.6	4.5	215	2.31	3.8	2.1	2.4	4.4	20.3	0.32	0.16	0.93	38	0.13	0.052
1811307	Soil	3.99	4.45	12.18	248.1	267	6.4	3.8	207	2.06	1.6	1.0	0.3	6.6	12.3	0.54	0.14	0.37	38	0.11	0.053
1811308	Soil	8.91	15.26	45.11	537.0	1633	14.4	7.3	847	2.77	2.6	18.8	0.4	2.9	43.7	0.89	0.20	0.90	40	0.41	0.066
1811309	Soil	5.19	3.65	10.85	306.9	176	3.3	2.9	616	1.19	0.4	1.3	<0.2	5.7	12.0	0.89	0.07	0.23	19	0.13	0.038
1811310	Soil	6.54	7.01	26.83	384.7	1045	7.9	4.9	424	2.14	1.9	4.2	<0.2	3.2	38.0	1.00	0.31	0.78	37	0.23	0.034
1811311	Soil	8.90	11.97	36.96	486.9	2053	8.4	5.3	687	2.39	2.4	10.8	0.2	4.0	26.8	0.69	0.25	0.56	40	0.21	0.042
1811312	Soil	8.04	9.94	21.18	207.0	721	9.0	5.5	365	2.40	1.4	1.9	<0.2	7.3	15.3	0.28	0.13	0.63	43	0.11	0.034
1811313	Soil	3.03	5.39	11.03	65.1	174	4.8	2.5	143	1.93	1.4	0.9	4.7	4.8	12.9	0.16	0.15	18.65	39	0.09	0.041
1811314	Soil	1.99	8.43	16.04	84.0	172	9.9	4.4	241	2.40	6.6	1.0	<0.2	3.8	21.9	0.13	0.29	2.52	42	0.14	0.046
1811315	Soil	1.30	10.69	18.94	136.1	617	9.2	5.4	443	2.39	1.8	1.3	2.1	2.4	27.3	0.74	0.18	29.41	37	0.15	0.029
1811316	Soil	3.63	6.73	29.92	93.1	134	8.1	4.8	288	2.40	4.2	1.5	0.2	4.7	28.1	0.30	0.26	1.17	36	0.28	0.069
1811317	Soil	2.78	9.15	15.06	123.3	101	11.5	4.6	187	2.85	4.2	0.8	0.2	5.3	28.8	0.30	0.28	2.82	48	0.11	0.038
1811318	Soil	3.76	6.47	9.11	78.6	55	9.9	4.4	171	2.24	2.4	0.8	0.7	6.0	25.1	0.21	0.16	1.98	39	0.11	0.022
1811319	Soil	1.51	4.11	20.33	262.2	410	6.3	3.4	296	2.09	1.3	1.2	0.6	8.5	10.9	0.70	0.15	0.34	34	0.09	0.060
1811320	Soil	3.57	4.75	27.92	175.1	661	6.8	3.5	241	1.99	2.4	0.9	<0.2	6.2	15.4	0.43	0.17	0.56	33	0.10	0.047
1811321	Soil	2.55	5.46	17.89	649.7	564	7.0	5.4	390	1.92	1.0	3.7	<0.2	5.2	23.9	0.71	0.19	0.45	33	0.24	0.028
1811322	Soil	1.56	3.85	12.75	81.9	163	5.5	3.1	145	1.86	2.1	0.8	<0.2	8.2	11.8	0.21	0.11	0.59	33	0.11	0.084
1811323	Soil	5.64	6.08	40.52	179.7	438	6.2	4.8	483	2.03	2.4	3.8	<0.2	1.3	21.7	0.30	0.17	0.40	29	0.19	0.046
1811324	Soil	3.42	5.17	68.55	286.9	1216	5.9	3.3	393	1.69	1.2	2.8	0.2	0.5	29.4	0.48	0.39	0.29	24	0.32	0.047
1811325	Soil	11.04	9.83	100.10	453.2	445	9.0	6.0	1206	2.39	5.8	9.9	<0.2	1.6	28.4	1.12	0.20	0.48	30	0.25	0.076
1811326	Soil	13.90	16.34	81.71	906.3	1367	11.4	6.9	2361	2.11	1.8	25.2	<0.2	1.1	68.1	4.04	0.27	0.37	24	0.78	0.079
1811327	Soil	14.89	20.04	83.11	617.4	1267	8.9	5.5	1141	2.17	1.6	22.1	<0.2	1.0	42.4	1.66	0.13	0.49	30	0.45	0.076
1811328	Soil	5.21	4.40	14.98	229.9	217	5.1	4.5	385	2.02	0.8	1.0	<0.2	2.1	23.4	0.42	0.09	0.63	37	0.17	0.037
1811329	Soil	7.94	15.64	94.42	648.2	1869	9.9	6.1	1587	2.20	2.3	21.6	0.3	0.9	62.9	2.07	0.30	0.41	26	0.71	0.090



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	20	0.01	0.01	0.01	0.01	0.01	0.02	5	0.1	0.02	0.1	0.1
1811500	Soil	11.3	5.8	0.11	74.2	0.010	<20	0.77	0.019	0.06	0.2	0.6	0.08	0.06	51	0.4	0.02	3.0
1811301	Soil	26.4	7.2	0.31	59.6	0.047	<20	1.22	0.008	0.12	0.2	1.9	0.16	<0.02	12	<0.1	<0.02	6.9
1811302	Soil	26.0	21.7	0.64	210.0	0.061	<20	2.63	0.013	0.24	0.3	3.1	0.29	0.04	18	0.2	0.03	10.2
1811303	Soil	23.8	14.0	0.33	66.4	0.056	<20	1.32	0.008	0.10	0.9	2.0	0.12	<0.02	21	0.2	0.03	6.6
1811304	Soil	25.2	9.5	0.36	118.9	0.027	<20	1.83	0.009	0.11	0.3	0.8	0.19	0.03	25	0.2	<0.02	8.2
1811305	Soil	28.4	11.9	0.26	67.0	0.028	<20	1.22	0.007	0.13	0.3	1.1	0.12	0.03	19	0.2	0.02	7.1
1811306	Soil	21.6	18.9	0.38	45.9	0.077	<20	1.32	0.008	0.09	0.9	2.0	0.11	<0.02	20	0.2	0.03	7.5
1811307	Soil	26.1	11.3	0.31	59.3	0.073	<20	1.08	0.007	0.08	0.5	1.8	0.09	<0.02	10	0.1	<0.02	8.6
1811308	Soil	33.4	27.7	0.54	116.1	0.060	<20	2.16	0.015	0.15	0.8	2.8	0.20	0.03	17	0.3	0.03	7.9
1811309	Soil	26.6	5.7	0.25	56.1	0.044	<20	0.83	0.008	0.09	1.2	1.5	0.11	<0.02	9	<0.1	<0.02	5.8
1811310	Soil	25.6	14.9	0.35	60.9	0.058	<20	1.41	0.011	0.08	0.7	1.9	0.13	<0.02	13	0.2	<0.02	7.5
1811311	Soil	33.0	15.3	0.39	74.9	0.053	<20	1.69	0.010	0.09	0.4	2.5	0.17	<0.02	19	0.2	0.02	8.1
1811312	Soil	25.8	14.3	0.42	110.7	0.069	<20	1.90	0.010	0.13	0.4	2.9	0.16	<0.02	18	0.1	<0.02	9.5
1811313	Soil	23.2	10.1	0.18	41.8	0.070	<20	0.98	0.007	0.08	1.4	1.4	0.09	<0.02	16	<0.1	0.19	9.6
1811314	Soil	20.7	15.4	0.28	56.8	0.069	<20	1.21	0.007	0.10	3.6	1.9	0.13	<0.02	26	0.2	0.06	8.9
1811315	Soil	25.4	12.0	0.42	47.0	0.056	<20	1.55	0.008	0.15	1.8	1.9	0.18	<0.02	17	0.1	0.32	7.8
1811316	Soil	25.6	14.0	0.29	59.4	0.056	<20	1.08	0.007	0.12	0.7	1.8	0.13	0.02	20	0.2	0.03	7.4
1811317	Soil	18.5	21.2	0.31	74.7	0.093	<20	1.36	0.010	0.10	3.9	2.1	0.11	<0.02	14	0.1	0.07	9.4
1811318	Soil	20.8	18.7	0.36	53.1	0.091	<20	1.02	0.010	0.08	0.5	2.0	0.10	<0.02	14	0.1	0.03	7.4
1811319	Soil	26.3	11.2	0.24	76.6	0.061	<20	1.02	0.007	0.09	0.3	1.7	0.12	<0.02	23	0.1	<0.02	8.5
1811320	Soil	23.7	12.2	0.23	67.9	0.054	<20	1.02	0.007	0.08	1.2	1.6	0.12	<0.02	13	0.1	0.02	6.9
1811321	Soil	27.8	11.3	0.38	72.4	0.075	<20	1.26	0.010	0.11	0.3	2.1	0.12	<0.02	12	<0.1	<0.02	6.6
1811322	Soil	25.0	9.9	0.26	51.4	0.062	<20	1.30	0.009	0.08	0.6	1.7	0.10	<0.02	22	0.1	<0.02	6.6
1811323	Soil	27.1	9.5	0.32	64.1	0.024	<20	1.47	0.008	0.09	0.5	1.1	0.13	<0.02	18	0.1	<0.02	6.8
1811324	Soil	21.4	9.4	0.26	103.4	0.019	<20	1.02	0.007	0.08	0.3	0.7	0.13	0.03	25	0.2	<0.02	5.5
1811325	Soil	27.5	14.1	0.32	98.1	0.030	<20	1.49	0.007	0.11	0.4	1.4	0.13	0.03	15	0.2	<0.02	6.0
1811326	Soil	38.9	18.4	0.29	129.6	0.041	<20	1.12	0.011	0.09	0.2	1.7	<0.02	0.05	33	0.4	0.02	4.9
1811327	Soil	42.5	12.5	0.32	145.9	0.028	<20	1.47	0.009	0.10	0.3	1.3	0.15	0.04	21	0.3	<0.02	6.4
1811328	Soil	19.9	7.7	0.39	131.2	0.049	<20	1.14	0.007	0.12	0.4	1.7	0.13	<0.02	13	<0.1	<0.02	7.2
1811329	Soil	37.2	14.5	0.30	106.2	0.029	<20	1.32	0.010	0.09	0.4	1.4	0.10	0.05	34	0.4	<0.02	5.5



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Method	Analyte	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	%
MDL		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
1811330	Soil	7.38	10.23	78.58	837.2	685	9.6	7.1	1696	2.10	1.4	7.1	0.3	1.0	40.3	3.20	0.27	0.38	30	0.40	0.060
1811331	Soil	3.42	4.22	35.46	244.4	6336	4.3	2.3	384	1.51	1.0	1.2	0.4	0.6	17.1	0.87	0.63	0.29	24	0.15	0.049
1811332	Soil	4.57	6.50	21.58	539.2	383	8.9	5.2	351	2.16	0.7	2.3	<0.2	2.4	20.0	1.12	0.22	0.49	37	0.17	0.031
1811333	Soil	2.74	4.51	11.47	66.4	147	6.0	2.6	127	1.69	1.2	0.7	<0.2	5.4	12.5	1.02	0.14	0.48	41	0.06	0.035
1811334	Soil	2.18	3.96	23.00	127.6	275	4.6	3.9	268	1.67	0.9	1.7	1.6	9.3	19.2	0.15	0.11	0.34	32	0.18	0.037
1811335	Soil	2.66	5.25	21.92	102.8	138	7.6	3.8	213	2.32	2.1	1.1	0.5	5.4	11.0	0.37	0.22	0.45	48	0.09	0.051
1811336	Soil	2.70	4.06	21.33	233.6	400	5.5	4.6	556	2.17	1.1	0.8	<0.2	7.6	22.0	0.87	0.14	0.53	51	0.17	0.031
1811337	Soil	1.32	3.56	8.95	52.5	184	3.4	2.2	97	1.65	1.6	0.6	<0.2	5.3	8.7	0.11	0.11	1.52	32	0.06	0.034
1811338	Soil	0.33	2.97	9.41	38.0	129	2.7	2.2	98	1.20	0.7	0.9	<0.2	9.8	9.0	0.20	0.06	0.24	23	0.16	0.078
1811339	Soil	1.42	3.78	11.71	68.0	75	4.8	3.3	165	1.66	1.0	0.8	0.3	8.2	14.0	0.13	0.08	0.39	35	0.12	0.048
1811340	Soil	2.32	10.49	35.33	264.9	147	9.0	5.2	368	2.59	2.2	0.9	<0.2	5.2	13.7	0.63	0.20	0.74	46	0.10	0.051
1811341	Soil	1.34	2.51	7.05	35.9	121	2.6	1.7	85	1.28	0.8	0.7	<0.2	2.9	6.2	0.10	0.10	0.29	30	0.04	0.045
1811342	Soil	3.03	3.88	13.14	69.1	131	5.0	3.1	194	1.68	1.0	0.9	<0.2	5.0	10.6	0.18	0.14	0.47	37	0.06	0.031
1811343	Soil	4.46	5.15	16.18	164.0	305	5.3	4.1	744	1.58	0.9	1.7	<0.2	1.6	47.2	0.47	0.14	0.36	31	0.45	0.035
1811201	Soil	2.34	10.99	27.67	781.9	511	6.5	5.9	488	2.07	1.5	2.0	<0.2	1.8	23.6	1.02	0.21	0.41	37	0.16	0.037
1811202	Soil	3.13	18.88	28.83	356.1	519	10.4	7.2	533	3.05	1.7	2.4	<0.2	3.3	18.9	0.45	0.20	0.77	62	0.11	0.037
1811203	Soil	1.52	7.49	15.84	110.0	376	5.8	4.1	266	1.71	0.9	0.9	<0.2	1.5	26.1	0.55	0.10	0.50	38	0.15	0.025
1811204	Soil	4.21	6.66	13.79	53.1	122	4.2	2.8	114	1.07	0.4	0.8	<0.2	1.1	11.1	0.09	0.08	0.38	27	0.09	0.020
1811205	Soil	7.23	40.58	19.62	53.3	500	6.1	3.6	102	1.29	0.7	8.3	<0.2	0.3	46.7	0.74	0.16	0.43	26	0.29	0.081
1811206	Soil	2.87	3.03	9.37	41.7	86	4.0	2.2	90	1.03	0.4	0.7	<0.2	3.6	9.9	0.09	0.08	0.29	27	0.08	0.015
1811207	Soil	7.61	10.16	18.77	80.6	139	5.9	5.3	552	1.66	0.7	3.9	<0.2	2.5	57.0	0.37	0.12	0.40	36	0.60	0.057
1811208	Soil	2.31	6.61	16.47	61.7	74	7.3	4.3	292	1.71	0.4	2.5	<0.2	12.0	21.9	0.08	0.09	0.27	36	0.32	0.065
1811209	Soil	4.33	8.55	15.03	72.6	129	6.5	4.6	236	1.83	1.1	4.8	<0.2	2.4	14.7	0.17	0.14	0.41	40	0.15	0.041
1811210	Soil	3.47	7.82	13.00	120.6	313	5.2	4.0	181	1.82	0.7	0.7	<0.2	4.3	15.5	0.18	0.13	0.42	41	0.12	0.020
1811211	Soil	1.04	5.63	14.27	90.7	162	5.1	3.9	223	1.70	1.0	0.9	<0.2	9.6	13.3	0.19	0.10	0.37	36	0.19	0.068
1811212	Soil	1.93	6.55	17.44	120.7	264	7.5	4.0	200	1.98	1.9	0.9	<0.2	5.6	7.9	0.32	0.13	0.40	36	0.13	0.066
1811213	Soil	1.87	9.97	18.31	145.4	354	8.7	5.3	298	2.27	1.9	3.8	<0.2	6.8	20.1	0.18	0.11	0.39	41	0.19	0.063
1811214	Soil	2.85	6.86	25.36	291.6	390	6.4	4.6	349	2.25	2.7	1.3	<0.2	4.4	35.2	0.48	0.12	0.37	36	0.22	0.058
1811215	Soil	2.37	5.69	19.60	155.3	200	6.5	4.6	269	2.10	1.6	2.0	<0.2	11.8	12.3	0.25	0.09	0.36	39	0.11	0.061
1811216	Soil	5.44	6.14	63.54	265.8	614	7.0	4.2	424	1.99	2.7	1.7	0.3	3.2	9.0	0.51	0.35	0.40	36	0.06	0.049



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	20	0.01	0.01	0.01	0.01	0.01	0.02	5	0.1	0.02	0.1	0.1
1811330	Soil	24.1	15.0	0.33	101.9	0.044	<20	1.14	0.008	0.08	1.2	1.4	0.09	0.03	14	0.2	<0.02	5.7
1811331	Soil	22.2	8.1	0.13	103.7	0.012	<20	0.74	0.006	0.07	0.2	0.4	0.12	<0.02	28	0.2	<0.02	5.4
1811332	Soil	23.2	13.6	0.32	73.6	0.069	<20	1.10	0.007	0.10	0.2	1.7	0.10	<0.02	14	0.1	<0.02	7.2
1811333	Soil	22.3	10.8	0.19	48.6	0.095	<20	0.72	0.007	0.12	0.4	1.3	0.09	<0.02	16	<0.1	0.02	9.5
1811334	Soil	33.8	7.0	0.36	46.5	0.073	<20	1.19	0.009	0.06	0.8	2.2	0.08	<0.02	14	<0.1	<0.02	6.3
1811335	Soil	21.8	13.5	0.23	56.0	0.100	<20	0.90	0.007	0.10	0.3	1.6	0.12	<0.02	14	<0.1	<0.02	9.1
1811336	Soil	22.1	9.4	0.29	75.8	0.123	<20	0.88	0.010	0.11	0.4	1.8	0.14	<0.02	19	0.1	0.03	8.3
1811337	Soil	18.6	6.9	0.16	28.0	0.052	<20	0.82	0.006	0.05	0.7	1.1	0.07	<0.02	15	<0.1	<0.02	6.4
1811338	Soil	30.1	4.2	0.13	27.2	0.036	<20	0.88	0.007	0.05	0.5	1.0	0.06	<0.02	13	0.1	<0.02	3.7
1811339	Soil	27.8	7.0	0.31	44.3	0.071	<20	1.15	0.012	0.09	1.1	2.0	0.15	<0.02	11	0.1	<0.02	6.9
1811340	Soil	21.6	15.0	0.35	60.2	0.094	<20	1.19	0.009	0.10	0.5	2.1	0.09	<0.02	17	0.1	0.02	7.9
1811341	Soil	20.1	5.5	0.13	26.3	0.068	<20	0.61	0.007	0.06	0.3	1.0	0.08	<0.02	8	<0.1	<0.02	7.7
1811342	Soil	19.6	9.1	0.22	50.8	0.081	<20	0.75	0.007	0.08	0.3	1.5	0.09	<0.02	10	0.1	<0.02	7.5
1811343	Soil	22.1	9.7	0.23	84.5	0.053	<20	0.80	0.011	0.14	1.8	1.3	0.14	0.03	17	0.2	0.03	6.3
1811201	Soil	30.6	8.9	0.38	96.7	0.049	<20	1.50	0.009	0.13	0.2	1.8	0.17	<0.02	18	0.1	<0.02	7.6
1811202	Soil	23.6	14.3	0.58	135.7	0.102	<20	2.33	0.011	0.23	0.3	3.0	0.31	<0.02	13	0.2	0.02	11.9
1811203	Soil	21.0	9.1	0.33	111.2	0.080	<20	1.13	0.010	0.14	0.7	1.6	0.17	<0.02	14	<0.1	<0.02	8.2
1811204	Soil	21.2	8.3	0.25	55.6	0.069	<20	0.75	0.009	0.08	0.8	1.1	0.10	<0.02	9	<0.1	<0.02	6.5
1811205	Soil	44.5	8.7	0.16	106.1	0.028	<20	1.01	0.008	0.08	0.4	0.5	0.09	0.07	41	0.3	<0.02	6.1
1811206	Soil	22.4	8.4	0.20	31.9	0.075	<20	0.61	0.009	0.10	0.2	1.2	0.10	<0.02	7	<0.1	<0.02	6.0
1811207	Soil	26.5	9.1	0.36	100.4	0.078	<20	1.00	0.011	0.14	0.2	1.8	0.12	0.04	20	0.2	<0.02	6.8
1811208	Soil	37.7	12.0	0.40	60.2	0.090	<20	0.83	0.012	0.12	0.4	2.2	0.14	<0.02	<5	<0.1	<0.02	5.2
1811209	Soil	23.7	11.2	0.33	58.3	0.091	<20	0.98	0.010	0.15	0.4	1.8	0.14	<0.02	14	0.1	<0.02	7.3
1811210	Soil	23.2	8.3	0.37	53.4	0.089	<20	1.23	0.008	0.17	0.3	2.1	0.20	<0.02	14	<0.1	<0.02	8.9
1811211	Soil	32.6	7.1	0.39	65.1	0.086	<20	1.25	0.011	0.13	0.5	2.4	0.18	<0.02	8	0.2	<0.02	6.6
1811212	Soil	26.8	10.7	0.37	55.8	0.063	<20	1.57	0.008	0.12	0.4	2.0	0.15	<0.02	18	<0.1	<0.02	7.0
1811213	Soil	43.8	11.2	0.47	67.3	0.077	<20	1.77	0.010	0.17	0.3	2.8	0.24	<0.02	19	0.2	<0.02	8.0
1811214	Soil	29.0	9.5	0.35	98.7	0.041	<20	1.36	0.008	0.16	0.3	1.9	0.17	<0.02	11	0.1	<0.02	7.2
1811215	Soil	33.8	9.3	0.40	80.2	0.074	<20	1.69	0.009	0.15	0.4	2.7	0.21	<0.02	14	<0.1	<0.02	7.7
1811216	Soil	27.1	11.6	0.29	82.7	0.062	<20	1.12	0.008	0.12	0.3	1.6	0.14	<0.02	20	<0.1	<0.02	7.4

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.



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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	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL
1811217	Soil	21.11	29.19	196.70	799.1	3705	13.5	7.5	1325	3.17	4.2	9.0	<0.2	1.1	37.6	2.19	0.46	0.65	44	0.22	0.064
1811218	Soil	8.18	8.81	80.49	466.6	856	6.0	5.3	1130	1.93	2.2	1.9	<0.2	1.0	18.7	2.18	0.17	0.42	33	0.15	0.052
1811219	Soil	4.63	10.19	66.56	1190.6	1478	8.0	6.0	684	2.24	1.9	1.6	<0.2	3.2	25.8	1.78	0.30	0.43	41	0.20	0.043
1811220	Soil	5.37	12.24	166.05	752.9	1565	7.0	5.6	327	2.12	1.0	3.3	0.7	10.8	22.1	0.70	0.40	0.42	42	0.25	0.054
1811221	Soil	8.16	7.86	15.59	249.0	577	5.6	4.6	308	1.76	0.5	2.0	<0.2	2.8	7.7	1.01	0.12	0.35	36	0.06	0.034
1811222	Soil	8.13	29.98	19.22	226.6	953	8.3	6.0	425	2.15	1.1	14.8	<0.2	5.6	45.0	0.53	0.21	0.39	39	0.46	0.044
1811223	Soil	4.01	10.88	12.26	78.8	59	7.3	4.8	245	1.83	0.8	3.0	0.2	7.2	27.6	0.08	0.09	0.30	38	0.33	0.049
1811224	Soil	7.33	15.02	13.87	97.2	442	6.6	4.4	353	1.74	0.8	8.6	1.8	4.8	49.8	0.16	0.14	0.37	34	0.69	0.072
1811225	Soil	5.62	6.90	9.59	62.7	255	4.7	3.5	208	1.37	0.7	1.7	1.1	4.1	25.2	0.13	0.08	0.31	30	0.25	0.036
1811226	Soil	5.02	7.95	20.36	110.9	215	7.4	5.5	341	1.93	1.5	2.2	0.6	9.6	18.5	0.24	0.20	0.46	37	0.26	0.087
1811227	Soil	5.81	7.14	20.20	108.0	284	6.2	4.8	324	1.91	1.3	1.6	0.5	5.7	20.3	0.28	0.18	0.40	37	0.28	0.065
1811228	Soil	9.74	9.98	27.11	190.2	671	7.7	6.6	654	2.09	1.3	5.6	1.1	3.8	38.1	0.88	0.16	0.49	40	0.40	0.068
1811229	Soil	10.42	8.59	47.97	194.6	267	7.5	6.0	504	2.20	1.4	2.9	0.8	3.2	29.3	0.53	0.23	0.49	42	0.24	0.058
1811230	Soil	5.42	7.22	33.77	239.2	433	6.6	4.2	244	1.85	1.7	1.2	0.5	2.8	27.0	1.02	0.34	0.40	36	0.18	0.029
1811231	Soil	3.10	6.67	38.45	315.6	306	8.0	5.0	604	1.88	3.8	1.0	0.2	1.3	26.1	2.19	0.23	0.42	33	0.17	0.039
1811232	Soil	6.49	9.49	61.36	378.6	759	10.7	6.8	652	2.46	8.7	1.4	0.3	2.0	18.3	2.17	0.71	0.41	35	0.09	0.045
1811233	Soil	54.72	22.22	270.19	338.7	1443	14.5	8.5	943	3.72	38.6	5.4	1.0	0.4	21.9	1.79	1.13	0.58	28	0.05	0.084
1811501	Soil	2.07	3.29	11.67	41.8	62	3.2	1.7	99	1.18	1.4	1.1	<0.2	5.4	10.9	0.10	0.13	0.22	25	0.07	0.030
1811502	Soil	3.94	4.34	44.34	71.3	889	4.3	2.5	211	2.16	1.4	2.0	<0.2	5.0	7.5	0.09	0.15	0.37	50	0.06	0.030
1811503	Soil	2.88	4.63	20.35	104.3	113	5.5	3.5	332	2.25	2.3	1.6	0.6	6.4	11.4	0.17	0.21	0.40	37	0.07	0.057
1811504	Soil	2.79	5.79	24.36	102.6	179	6.3	3.8	353	2.25	2.4	2.7	0.7	4.6	11.3	0.24	0.21	0.41	34	0.08	0.076
1811505	Soil	2.59	4.83	14.16	79.8	268	3.2	2.5	187	1.41	1.7	3.4	0.8	1.3	5.8	0.12	0.13	0.28	23	0.05	0.046
1811506	Soil	6.92	9.92	25.11	87.2	321	6.7	3.7	239	1.81	2.5	5.1	0.6	1.4	14.5	0.18	0.18	0.37	33	0.08	0.042
1811507	Soil	2.67	4.45	13.20	71.3	112	3.8	3.9	238	1.59	1.1	1.5	<0.2	1.4	10.1	0.06	0.10	0.27	35	0.06	0.035
1811508	Soil	2.69	4.39	20.69	54.3	414	3.5	2.0	99	1.62	2.1	1.5	0.6	4.5	5.3	0.05	0.20	0.53	30	0.03	0.035
1811509	Soil	0.91	3.15	13.22	55.1	84	2.5	2.1	122	1.43	1.5	1.5	<0.2	5.3	6.8	0.15	0.11	0.23	24	0.07	0.057
1811510	Soil	2.01	4.33	22.14	134.3	611	3.8	2.9	161	1.55	1.9	2.1	0.7	9.8	9.7	0.20	0.19	0.42	25	0.13	0.092
1811551	Soil	3.89	5.16	47.23	339.7	377	7.8	5.0	648	2.08	1.6	7.1	<0.2	4.8	25.6	0.94	0.18	0.40	36	0.17	0.036
1811552	Soil	2.80	3.33	11.41	91.1	82	4.4	3.0	176	1.40	0.8	1.2	<0.2	4.0	31.7	0.15	0.07	0.44	24	0.22	0.032
1811553	Soil	2.08	2.81	9.56	43.5	42	3.9	2.4	105	1.37	0.9	0.8	<0.2	6.6	12.6	0.19	0.12	0.28	29	0.06	0.020



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Project: Silverhart
Report Date: July 22, 2020

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Method	Analyte	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	5	0.1	0.02	0.1	0.1
1811217	Soil	22.9	18.3	0.36	165.3	0.037	<20	1.97	0.009	0.17	0.2	1.5	0.18	0.03	23	0.2	0.02	9.6
1811218	Soil	24.3	9.7	0.22	84.5	0.037	<20	1.06	0.008	0.13	0.2	1.1	0.14	<0.02	15	0.1	<0.02	6.8
1811219	Soil	26.2	11.2	0.42	83.6	0.074	<20	1.47	0.009	0.15	0.2	2.2	0.18	<0.02	17	0.2	<0.02	7.7
1811220	Soil	39.6	9.4	0.49	52.1	0.104	<20	1.48	0.010	0.13	0.2	3.1	0.18	<0.02	10	<0.1	<0.02	7.5
1811221	Soil	23.6	9.5	0.31	63.9	0.081	<20	1.08	0.009	0.12	0.3	1.7	0.13	<0.02	12	<0.1	<0.02	7.5
1811222	Soil	49.2	10.1	0.46	93.2	0.080	<20	1.76	0.012	0.13	0.4	3.0	0.15	0.02	11	0.2	<0.02	7.7
1811223	Soil	32.3	9.8	0.43	80.0	0.101	<20	1.23	0.011	0.12	0.4	2.6	0.16	<0.02	<5	0.1	<0.02	6.5
1811224	Soil	36.0	9.5	0.42	104.7	0.077	<20	1.28	0.015	0.11	0.3	2.5	0.19	0.03	10	<0.1	<0.02	5.6
1811225	Soil	26.8	8.1	0.34	86.0	0.082	<20	0.93	0.010	0.16	0.3	1.9	0.18	<0.02	8	<0.1	0.02	5.8
1811226	Soil	38.9	10.1	0.41	75.8	0.091	<20	1.12	0.010	0.17	0.3	2.7	0.22	<0.02	11	<0.1	<0.02	5.6
1811227	Soil	32.3	9.1	0.40	71.8	0.084	<20	1.12	0.010	0.21	0.2	2.3	0.19	<0.02	18	<0.1	<0.02	6.2
1811228	Soil	33.5	10.7	0.41	111.4	0.075	<20	1.32	0.009	0.24	0.2	2.3	0.21	<0.02	13	0.1	<0.02	6.7
1811229	Soil	32.2	9.3	0.50	114.7	0.082	<20	1.62	0.010	0.16	0.2	2.7	0.22	<0.02	16	<0.1	<0.02	7.7
1811230	Soil	25.7	8.7	0.38	58.7	0.071	<20	1.22	0.008	0.12	0.2	2.1	0.16	<0.02	7	<0.1	<0.02	6.6
1811231	Soil	24.2	9.1	0.32	74.3	0.046	<20	1.03	0.005	0.12	0.3	1.2	0.12	<0.02	13	<0.1	<0.02	5.9
1811232	Soil	21.2	12.8	0.26	116.6	0.053	<20	0.99	0.005	0.11	0.3	1.6	0.11	0.03	19	<0.1	<0.02	6.5
1811233	Soil	17.1	15.2	0.16	111.4	0.012	<20	0.99	0.009	0.08	0.2	0.9	0.11	0.08	23	<0.1	0.02	4.8
1811501	Soil	27.6	7.6	0.10	45.8	0.038	<20	0.77	0.004	0.04	0.5	0.9	0.15	<0.02	34	<0.1	<0.02	7.3
1811502	Soil	18.5	17.5	0.17	80.7	0.157	<20	1.49	0.007	0.03	<0.1	1.5	0.12	<0.02	25	0.1	<0.02	10.8
1811503	Soil	23.4	11.1	0.25	59.3	0.083	<20	1.05	0.007	0.09	0.6	1.6	0.12	<0.02	15	<0.1	<0.02	8.3
1811504	Soil	22.9	12.6	0.25	57.7	0.068	<20	1.36	0.006	0.08	0.5	1.7	0.11	0.02	36	<0.1	0.02	7.7
1811505	Soil	26.2	6.0	0.22	31.5	0.029	<20	0.84	0.007	0.06	0.4	1.0	0.08	0.02	13	0.1	<0.02	5.8
1811506	Soil	22.0	11.8	0.32	45.1	0.046	<20	1.42	0.007	0.05	0.5	1.4	0.12	0.02	23	0.3	<0.02	6.7
1811507	Soil	18.9	5.9	0.36	31.3	0.081	<20	1.07	0.008	0.06	0.2	1.5	0.07	<0.02	8	<0.1	<0.02	8.1
1811508	Soil	19.8	8.8	0.14	30.1	0.049	<20	1.27	0.004	0.04	0.4	1.3	0.08	<0.02	18	<0.1	<0.02	7.9
1811509	Soil	23.8	5.8	0.18	40.1	0.037	<20	1.22	0.007	0.06	0.5	1.3	0.11	<0.02	34	<0.1	<0.02	5.1
1811510	Soil	27.1	7.6	0.23	38.5	0.046	<20	1.85	0.007	0.09	0.7	2.0	0.10	<0.02	34	0.3	<0.02	4.6
1811551	Soil	27.8	14.6	0.31	85.8	0.065	<20	1.08	0.007	0.12	0.6	1.8	0.11	<0.02	7	<0.1	<0.02	5.9
1811552	Soil	28.1	7.6	0.29	62.5	0.048	<20	0.98	0.008	0.06	0.4	1.8	0.07	<0.02	8	<0.1	<0.02	5.4
1811553	Soil	24.0	8.4	0.15	49.7	0.065	<20	0.56	0.006	0.08	0.2	1.3	0.10	<0.02	10	<0.1	<0.02	5.8

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.



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Method	Analyte	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P		
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%		
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001	
1811554	Soil	1.18	3.09	9.64	38.0	50	3.6	2.7	126	1.63	1.0	0.9	0.9	6.3	12.6	0.14	0.11	0.30	29	0.05	0.033		
1811555	Soil	2.36	2.79	11.72	34.8	101	3.8	3.0	118	1.32	1.0	0.8	<0.2	11.7	18.4	0.05	0.06	0.30	28	0.13	0.034		
1811556	Soil	2.68	3.39	11.93	36.3	101	4.5	2.6	188	1.70	1.1	0.9	<0.2	7.1	15.4	0.12	0.13	0.33	34	0.12	0.023		
1811557	Soil	6.81	4.69	11.86	200.0	123	4.2	3.8	1119	1.74	0.9	2.6	6.1	2.5	34.9	0.57	0.12	0.28	23	0.41	0.037		
1811558	Soil	20.52	11.47	28.47	212.7	254	4.2	5.5	2205	1.40	0.9	1.1	0.6	0.7	34.5	2.72	0.11	0.78	22	0.28	0.058		
1811559	Soil	2.23	4.98	16.63	205.0	145	2.3	2.3	275	1.23	1.1	5.3	0.4	2.9	28.5	1.02	0.08	0.28	24	0.33	0.055		
1811560	Soil	3.18	8.51	9.93	449.6	986	2.2	1.4	152	0.66	0.7	21.1	0.5	1.8	73.9	1.33	0.19	0.35	11	0.95	0.059		



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	Method Analyte Unit MDL	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.1	0.02	5	0.1	0.02	0.1
1811554	Soil	24.3	7.8	0.19	53.5	0.066	<20	0.81	0.008	0.06	0.6	1.7	0.10	<0.02	10	<0.1	<0.02	7.2
1811555	Soil	34.7	6.0	0.25	39.3	0.064	<20	0.84	0.008	0.05	0.3	1.5	0.08	<0.02	9	<0.1	<0.02	4.8
1811556	Soil	24.9	8.8	0.19	77.3	0.052	<20	0.82	0.005	0.08	0.6	1.6	0.10	<0.02	9	<0.1	<0.02	6.6
1811557	Soil	20.4	8.1	0.18	98.4	0.032	<20	0.66	0.006	0.14	0.4	1.2	0.11	0.02	11	<0.1	<0.02	4.5
1811558	Soil	14.9	6.5	0.16	185.6	0.029	<20	0.69	0.009	0.09	0.6	0.8	0.11	0.03	33	0.1	<0.02	4.9
1811559	Soil	25.8	4.4	0.17	38.0	0.032	<20	0.50	0.006	0.08	1.8	1.1	0.07	0.02	6	<0.1	<0.02	3.1
1811560	Soil	20.7	4.2	0.13	37.5	0.020	<20	0.41	0.006	0.07	0.4	0.9	0.07	0.10	36	0.5	<0.02	2.1



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QUALITY CONTROL REPORT

WHI20000084.1

Method	Analyte	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	%
MDL		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
Pulp Duplicates																					
1811408	Soil	17.18	9.90	62.00	318.8	366	9.4	9.7	1066	2.44	6.3	1.3	0.7	0.7	17.8	2.38	0.33	0.46	42	0.14	0.050
REP 1811408	QC	17.48	9.99	63.32	322.3	365	9.4	9.8	1057	2.45	6.3	1.2	0.7	0.6	17.2	2.40	0.36	0.47	41	0.14	0.050
1811180	Soil	2.89	6.01	28.90	98.7	142	6.1	5.5	252	2.30	1.2	1.1	0.8	4.5	17.3	0.16	0.09	0.46	49	0.11	0.082
REP 1811180	QC	2.91	6.01	29.25	98.8	146	6.1	5.6	252	2.29	1.3	1.1	0.4	4.4	17.2	0.15	0.10	0.47	48	0.11	0.082
1811465	Soil	3.59	8.35	24.63	20.3	504	2.3	0.7	34	0.43	0.8	4.1	0.6	0.1	9.6	0.74	0.10	0.24	10	0.05	0.043
REP 1811465	QC	3.51	7.87	24.84	20.3	527	2.2	0.7	34	0.43	0.6	4.2	<0.2	<0.1	10.1	0.82	0.11	0.24	10	0.05	0.045
1811302	Soil	9.69	17.88	58.59	366.5	1033	14.5	8.6	1418	2.98	2.8	11.5	0.4	2.8	55.0	1.10	0.22	0.58	50	0.51	0.064
REP 1811302	QC	9.11	17.36	56.14	354.7	962	14.3	8.3	1336	2.92	2.7	10.6	0.2	3.0	51.8	1.00	0.25	0.58	50	0.48	0.063
1811230	Soil	5.42	7.22	33.77	239.2	433	6.6	4.2	244	1.85	1.7	1.2	0.5	2.8	27.0	1.02	0.34	0.40	36	0.18	0.029
REP 1811230	QC	4.93	6.82	33.09	224.1	434	7.0	4.0	235	1.81	1.7	1.2	1.9	2.7	26.8	0.91	0.33	0.40	35	0.18	0.032
Reference Materials																					
STD BVGEO01	Standard	10.47	4408.32	179.56	1720.4	2522	159.9	24.4	711	3.59	115.0	3.6	211.0	13.7	52.2	5.86	2.53	22.99	71	1.26	0.067
STD BVGEO01	Standard	10.50	4496.16	183.38	1737.2	2545	162.6	25.0	703	3.67	118.3	3.5	219.0	13.3	52.2	5.99	2.72	23.72	75	1.30	0.068
STD BVGEO01	Standard	11.37	4523.47	184.50	1735.0	2476	164.7	25.0	705	3.74	113.4	3.7	219.5	13.9	55.2	5.93	2.18	23.35	75	1.31	0.069
STD DS11	Standard	15.25	148.64	132.68	338.4	1723	84.5	14.1	1030	3.13	44.7	2.6	129.2	7.3	65.2	2.28	6.86	11.31	50	1.06	0.069
STD DS11	Standard	15.92	148.53	136.83	342.4	1602	87.0	14.4	1049	3.19	46.2	2.7	67.9	8.0	67.8	2.39	7.00	11.31	51	1.09	0.070
STD DS11	Standard	13.78	148.49	134.23	336.0	1771	86.0	14.1	1041	3.06	43.7	2.5	54.1	7.0	61.8	2.25	6.55	10.30	47	1.04	0.067
STD DS11	Standard	14.83	154.81	142.18	345.6	1758	81.6	14.4	1061	3.12	43.2	2.3	87.9	8.0	66.4	2.49	6.79	11.30	49	1.07	0.078
STD DS11	Standard	13.35	136.75	133.96	316.1	1500	79.8	14.2	975	2.87	38.6	2.7	60.2	7.1	58.5	2.10	7.20	10.64	45	0.98	0.062
STD OREAS262	Standard	0.66	117.15	55.53	151.8	487	68.5	28.3	555	3.45	37.4	1.2	59.2	9.2	36.1	0.64	2.61	0.97	22	3.01	0.039
STD OREAS262	Standard	0.62	113.15	53.49	145.5	457	66.2	27.6	543	3.24	36.0	1.2	62.7	8.8	34.6	0.60	2.50	0.94	21	2.91	0.037
STD OREAS262	Standard	0.58	113.89	52.84	140.0	437	64.0	27.2	532	3.22	35.1	1.1	58.2	8.3	33.7	0.58	2.37	0.89	22	2.90	0.036
STD OREAS262	Standard	0.69	114.12	56.00	152.2	486	68.2	28.3	552	3.35	38.2	1.3	57.0	9.4	35.6	0.64	2.38	0.97	22	2.96	0.039
STD OREAS262	Standard	0.67	115.92	53.92	144.5	456	69.6	27.8	548	3.29	36.5	1.2	59.2	8.7	35.3	0.60	2.63	0.92	21	2.97	0.037
STD OREAS262	Standard	0.68	118.89	56.77	148.5	465	70.4	29.0	559	3.44	37.6	1.2	52.6	9.0	36.8	0.62	2.27	0.96	23	3.06	0.038
STD OREAS262	Standard	0.62	117.41	54.57	142.9	479	62.2	26.7	530	3.16	35.9	1.1	60.1	8.6	34.7	0.63	3.08	0.95	20	2.88	0.042
STD OREAS262	Standard	0.65	110.51	55.86	144.1	414	67.0	28.7	513	3.08	32.9	1.2	74.0	8.6	31.6	0.50	3.71	0.95	19	2.78	0.035
STD BVGEO01 Expected		10.8	4415	187	1741	2530	163	25	733	3.7	121	3.77	219	14.4	55	6.5	2.2	25.6	73	1.3219	0.0727



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Method	Analyte	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
Pulp Duplicates																		
1811408	Soil	16.0	16.1	0.22	150.9	0.053	<20	0.89	0.005	0.11	0.2	1.0	0.10	0.02	29	0.1	0.03	7.2
REP 1811408	QC	15.6	16.2	0.22	153.1	0.055	<20	0.86	0.005	0.11	0.2	0.9	0.10	0.02	31	0.1	0.02	7.2
1811180	Soil	24.6	9.2	0.47	86.0	0.116	<20	1.70	0.008	0.14	0.3	2.6	0.17	<0.02	35	0.2	<0.02	9.9
REP 1811180	QC	24.9	9.1	0.47	86.6	0.118	<20	1.71	0.007	0.13	0.3	2.5	0.18	<0.02	39	0.2	<0.02	9.8
1811465	Soil	20.5	4.5	0.03	65.6	0.011	<20	0.64	0.009	0.03	0.1	0.3	0.09	0.05	30	0.3	<0.02	2.7
REP 1811465	QC	21.2	4.6	0.03	67.9	0.011	<20	0.65	0.009	0.03	0.1	0.4	0.08	0.05	30	0.5	<0.02	3.0
1811302	Soil	26.0	21.7	0.64	210.0	0.061	<20	2.63	0.013	0.24	0.3	3.1	0.29	0.04	18	0.2	0.03	10.2
REP 1811302	QC	26.2	21.4	0.63	196.9	0.065	<20	2.53	0.012	0.23	0.3	3.1	0.28	0.04	18	0.3	0.03	9.9
1811230	Soil	25.7	8.7	0.38	58.7	0.071	<20	1.22	0.008	0.12	0.2	2.1	0.16	<0.02	7	<0.1	<0.02	6.6
REP 1811230	QC	25.4	8.0	0.37	61.3	0.067	<20	1.19	0.008	0.12	0.9	1.9	0.16	<0.02	15	<0.1	<0.02	6.3
Reference Materials																		
STD BVGEO01	Standard	24.6	169.8	1.29	319.5	0.234	<20	2.24	0.179	0.87	3.7	5.6	0.63	0.68	97	4.7	0.95	7.2
STD BVGEO01	Standard	25.0	167.2	1.31	326.4	0.242	<20	2.27	0.190	0.92	4.2	5.6	0.66	0.66	100	4.9	1.03	7.3
STD BVGEO01	Standard	25.4	179.7	1.31	328.7	0.241	<20	2.31	0.200	0.92	3.4	5.8	0.64	0.67	102	4.8	1.00	7.4
STD DS11	Standard	16.9	60.7	0.86	416.7	0.090	<20	1.16	0.074	0.40	2.4	3.2	5.04	0.28	265	2.4	4.77	5.3
STD DS11	Standard	17.8	61.0	0.88	420.3	0.093	<20	1.21	0.078	0.42	2.6	3.3	5.16	0.29	287	2.4	4.88	5.5
STD DS11	Standard	16.0	59.8	0.85	392.5	0.086	<20	1.11	0.071	0.40	2.6	3.0	5.20	0.29	263	2.4	4.57	4.9
STD DS11	Standard	18.0	61.9	0.86	417.4	0.091	<20	1.17	0.073	0.41	2.4	3.1	5.04	0.29	248	2.0	4.76	5.1
STD DS11	Standard	15.9	60.6	0.77	375.2	0.087	<20	1.04	0.067	0.37	2.3	3.0	4.52	0.27	238	2.1	4.23	4.4
STD OREAS262	Standard	16.2	44.2	1.23	250.8	0.003	<20	1.32	0.077	0.33	0.1	3.3	0.48	0.26	176	0.6	0.22	4.3
STD OREAS262	Standard	15.5	43.2	1.19	240.1	0.003	<20	1.28	0.068	0.31	<0.1	3.1	0.48	0.27	166	0.6	0.23	4.1
STD OREAS262	Standard	14.6	42.4	1.18	241.7	0.003	<20	1.27	0.069	0.30	<0.1	3.1	0.47	0.26	151	0.6	0.23	4.0
STD OREAS262	Standard	15.6	43.7	1.22	253.9	0.003	<20	1.32	0.076	0.33	<0.1	3.3	0.48	0.27	173	0.5	0.23	4.4
STD OREAS262	Standard	14.6	43.4	1.22	244.1	0.003	<20	1.26	0.071	0.31	<0.1	3.2	0.48	0.28	175	0.6	0.23	4.0
STD OREAS262	Standard	14.9	45.1	1.24	253.9	0.003	<20	1.33	0.077	0.32	<0.1	3.3	0.49	0.27	182	0.7	0.25	4.2
STD OREAS262	Standard	13.7	40.9	1.17	245.8	0.003	<20	1.19	0.067	0.29	0.1	3.1	0.45	0.26	155	0.2	0.24	3.6
STD OREAS262	Standard	13.9	42.4	1.13	230.1	0.003	<20	1.11	0.065	0.27	0.2	3.2	0.44	0.26	138	0.3	0.21	3.3
STD BVGEO01 Expected		25.9	171	1.2963	340	0.233		2.347	0.1924	0.89	3.5	5.97	0.62	0.6655	100	4.84	1.02	7.37



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Project: Silverhart
Report Date: July 22, 2020

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		AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	0.001
STD DS11 Expected		13.9	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	7.2	12.2	50	1.063	0.0701
STD OREAS262 Expected		0.68	118	56	154	450	62	26.9	530	3.284	35.8	1.22	65	9.33	36	0.61	3.39	1.03	22.5	2.98	0.04
BLK	Blank	<0.01	<0.01	0.02	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001
BLK	Blank	<0.01	<0.01	0.02	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001
BLK	Blank	<0.01	0.02	0.02	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001
BLK	Blank	<0.01	0.02	0.02	0.2	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001
BLK	Blank	<0.01	0.01	0.02	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001
BLK	Blank	<0.01	0.04	0.02	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001
BLK	Blank	<0.01	<0.01	0.02	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001
BLK	Blank	<0.01	0.05	0.03	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01	<0.001



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		AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
STD DS11 Expected		18.6	61.5	0.85	417	0.0976		1.129	0.0694	0.4	2.9	3.1	4.9	0.2835	260	2.2	4.56	4.7
STD OREAS262 Expected		15.9	41.7	1.17	248	0.003		1.3	0.071	0.312	0.13	3.24	0.47	0.269	170	0.4	0.23	3.9
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1