



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: August 31, 2020
Analysis Start: September 28, 2020
Report Date: October 02, 2020
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CERTIFICATE OF ANALYSIS

WHI20000330.1

CLIENT JOB INFORMATION

Project: Silverhart
Shipment ID:
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
DY060	320	Dry at 60C			WHI
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
AQ250	320	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN
SHP01	320	Per sample shipping charges for branch shipments			VAN
SVRJT	320	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
		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
2063501	Soil	1.02	4.75	14.24	42.6	268	3.6	3.3	172	1.87	1.8	1.4	5.2	8.1	8.0	0.10	0.16	0.31	33	0.07	0.040
2063502	Soil	1.15	3.53	16.36	47.4	246	5.0	3.6	182	2.11	1.9	1.7	0.3	8.9	7.8	0.07	0.18	0.35	35	0.08	0.049
2063503	Soil	0.95	4.39	15.66	62.8	129	5.1	3.2	195	1.98	1.5	0.9	0.3	6.8	7.8	0.11	0.20	0.46	36	0.06	0.051
2063504	Soil	1.58	4.60	17.60	61.1	519	5.0	3.0	162	1.95	2.3	1.5	3.9	7.8	7.4	0.14	0.16	0.37	31	0.07	0.042
2063505	Soil	2.14	3.53	17.53	55.9	247	2.6	3.2	303	1.61	1.0	2.3	0.3	3.8	6.3	0.13	0.10	0.33	24	0.17	0.085
2063506	Soil	3.13	4.60	13.19	46.7	117	4.4	2.6	181	1.65	2.6	2.1	<0.2	2.7	5.9	0.08	0.15	0.32	28	0.08	0.055
2063507	Soil	0.47	3.33	8.71	38.4	132	3.9	2.8	127	1.52	1.1	1.1	<0.2	5.6	7.9	0.09	0.09	0.29	30	0.08	0.051
2063508	Soil	0.44	2.79	8.52	32.2	385	3.0	2.8	110	1.57	1.1	1.1	0.3	8.6	5.7	0.10	0.07	0.25	28	0.09	0.055
2063509	Soil	0.70	3.49	18.27	48.9	196	4.7	3.2	153	1.81	2.1	1.1	<0.2	6.4	8.0	0.08	0.12	0.35	36	0.08	0.052
2063510	Soil	1.04	2.88	10.87	48.0	357	3.8	2.6	132	1.97	1.6	0.8	<0.2	6.4	6.0	0.06	0.12	0.31	33	0.06	0.046
2063511	Soil	1.70	3.11	9.41	57.3	115	4.3	2.6	166	2.14	2.1	0.9	<0.2	4.9	4.9	0.10	0.17	0.30	34	0.04	0.076
2063512	Soil	1.58	2.70	13.72	57.1	125	3.4	2.4	146	1.66	1.7	1.8	<0.2	7.5	5.6	0.12	0.14	0.26	28	0.05	0.051
2063513	Soil	1.33	3.43	16.16	39.9	44	5.5	2.6	137	1.72	2.5	1.4	<0.2	4.9	8.9	0.07	0.20	0.36	33	0.07	0.051
2063514	Soil	1.50	5.75	16.68	114.1	123	9.0	4.6	323	2.86	3.8	2.3	1.0	5.8	8.2	0.30	0.32	0.42	50	0.06	0.051
2063515	Soil	8.91	5.07	56.43	82.8	560	4.8	4.0	241	2.07	1.6	2.0	0.6	5.2	6.0	0.22	0.32	0.54	49	0.04	0.025
2063516	Soil	1.98	4.49	25.90	261.3	495	6.5	3.5	199	1.92	13.7	1.7	0.3	5.4	11.5	0.33	0.40	0.40	28	0.09	0.069
2063517	Soil	1.55	5.67	10.85	93.1	125	5.8	5.4	250	2.58	1.7	0.8	<0.2	8.1	27.4	0.17	0.09	0.41	53	0.20	0.120
2063518	Soil	3.99	8.88	19.71	122.5	338	6.7	5.7	271	2.71	1.4	3.1	0.9	7.5	20.0	0.14	0.13	0.45	54	0.13	0.097
2063519	Soil	1.63	7.39	16.17	77.0	153	4.8	4.2	240	1.91	1.4	1.2	<0.2	8.8	20.8	0.09	0.10	0.36	42	0.24	0.124
2063520	Soil	1.31	6.24	21.11	100.4	222	5.2	4.0	279	1.94	2.2	1.8	0.2	10.5	15.3	0.12	0.13	0.45	36	0.14	0.080
2063521	Soil	1.55	6.28	12.58	72.0	79	4.9	4.3	227	2.08	1.4	1.4	<0.2	9.7	22.2	0.10	0.10	0.41	44	0.20	0.106
2063522	Soil	10.61	17.50	44.01	248.6	1069	9.0	6.0	670	2.71	3.0	14.9	0.3	6.4	31.7	0.69	0.16	0.61	50	0.24	0.073
2063523	Soil	5.19	3.90	24.64	179.9	1108	4.4	2.9	219	1.74	2.2	1.9	<0.2	5.5	8.1	0.29	0.14	0.30	28	0.05	0.044
2063524	Soil	4.45	6.73	19.87	220.4	241	5.6	5.4	796	2.01	1.3	1.9	<0.2	1.2	24.2	0.60	0.15	0.35	36	0.09	0.046
2063525	Soil	5.70	9.36	55.93	278.7	997	5.1	5.3	522	2.70	3.9	2.1	0.2	3.9	18.7	0.43	0.26	0.41	33	0.11	0.052
2063526	Soil	1.27	7.71	18.65	173.2	269	7.1	5.5	443	2.09	1.5	1.7	0.2	7.7	27.9	0.30	0.13	0.44	41	0.25	0.075
2063527	Soil	5.21	9.73	38.33	348.9	515	7.5	5.8	389	2.38	1.4	1.0	2.4	1.0	10.1	1.23	0.24	0.54	42	0.07	0.034
2063528	Soil	2.87	7.81	13.59	179.6	195	5.8	4.0	201	1.79	1.6	0.8	<0.2	2.4	10.4	0.30	0.21	0.38	34	0.09	0.033
2063529	Soil	1.43	6.87	12.40	115.2	352	4.3	3.6	196	1.60	0.5	0.9	<0.2	1.5	16.2	0.21	0.10	0.45	34	0.09	0.033
2063530	Soil	12.18	4.73	60.65	310.2	330	5.4	3.6	447	1.91	2.2	1.6	<0.2	3.6	25.1	1.01	0.24	0.39	30	0.21	0.031



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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
2063501	Soil	23.4	6.8	0.24	45.8	0.068	<20	1.45	0.008	0.07	0.4	1.7	0.12	<0.02	45	<0.1	<0.02	6.3
2063502	Soil	19.7	10.2	0.25	52.2	0.069	<20	2.03	0.007	0.07	0.5	2.0	0.14	0.03	68	0.2	<0.02	7.1
2063503	Soil	17.2	8.3	0.24	57.6	0.065	<20	1.30	0.006	0.10	0.8	1.5	0.14	<0.02	22	0.1	0.02	7.4
2063504	Soil	21.7	8.8	0.24	36.0	0.050	<20	1.25	0.006	0.07	0.7	1.5	0.11	<0.02	41	0.1	<0.02	6.3
2063505	Soil	28.9	5.1	0.23	43.4	0.033	<20	1.01	0.007	0.10	0.4	1.4	0.13	<0.02	17	<0.1	<0.02	5.0
2063506	Soil	19.8	9.4	0.21	32.3	0.034	<20	1.17	0.005	0.05	1.0	1.2	0.11	<0.02	24	<0.1	<0.02	6.0
2063507	Soil	19.2	7.7	0.23	47.7	0.056	<20	1.38	0.007	0.08	0.5	1.4	0.12	<0.02	22	<0.1	<0.02	5.4
2063508	Soil	24.6	6.4	0.21	48.2	0.052	<20	1.52	0.008	0.07	0.5	1.6	0.09	<0.02	39	<0.1	<0.02	4.7
2063509	Soil	18.5	9.8	0.26	51.6	0.060	<20	1.67	0.007	0.08	1.0	1.7	0.11	<0.02	29	0.1	<0.02	6.2
2063510	Soil	17.9	8.6	0.23	45.5	0.053	<20	1.26	0.007	0.07	0.6	1.4	0.10	<0.02	37	<0.1	<0.02	6.3
2063511	Soil	19.2	9.2	0.20	39.0	0.053	<20	1.21	0.006	0.07	1.3	1.4	0.10	<0.02	23	<0.1	<0.02	8.4
2063512	Soil	21.2	8.0	0.17	46.9	0.029	<20	1.68	0.006	0.05	0.4	1.6	0.10	<0.02	30	0.1	<0.02	6.7
2063513	Soil	17.9	11.1	0.21	36.3	0.057	<20	1.14	0.005	0.05	0.5	1.3	0.09	<0.02	15	<0.1	<0.02	7.4
2063514	Soil	19.4	16.4	0.32	53.5	0.074	<20	1.66	0.005	0.06	0.4	1.9	0.15	<0.02	23	0.2	0.03	10.0
2063515	Soil	20.7	13.2	0.09	68.0	0.091	<20	1.06	0.004	0.03	0.2	1.2	0.13	<0.02	32	<0.1	<0.02	9.5
2063516	Soil	17.9	11.1	0.26	42.5	0.054	<20	1.22	0.005	0.07	0.4	1.5	0.10	<0.02	33	<0.1	<0.02	5.7
2063517	Soil	25.8	8.5	0.50	73.1	0.115	<20	1.85	0.010	0.14	0.3	2.9	0.16	<0.02	25	<0.1	<0.02	8.7
2063518	Soil	23.6	10.3	0.53	87.2	0.108	<20	2.26	0.008	0.11	0.9	3.3	0.15	<0.02	36	<0.1	<0.02	9.8
2063519	Soil	24.5	6.8	0.42	80.4	0.090	<20	1.60	0.008	0.20	0.3	2.8	0.27	<0.02	11	<0.1	<0.02	7.0
2063520	Soil	32.3	8.3	0.36	91.6	0.057	<20	1.69	0.009	0.14	0.5	2.4	0.21	<0.02	13	<0.1	<0.02	6.6
2063521	Soil	27.9	7.2	0.42	71.8	0.093	<20	1.53	0.012	0.13	0.3	2.7	0.19	<0.02	13	<0.1	<0.02	6.8
2063522	Soil	34.8	15.2	0.50	158.1	0.065	<20	2.15	0.012	0.17	0.4	3.5	0.25	<0.02	17	<0.1	<0.02	8.8
2063523	Soil	28.6	8.4	0.24	50.3	0.032	<20	1.05	0.006	0.08	0.3	1.6	0.12	<0.02	26	<0.1	<0.02	6.3
2063524	Soil	22.5	8.9	0.37	107.6	0.045	<20	1.39	0.008	0.13	0.2	1.5	0.17	<0.02	13	<0.1	<0.02	6.8
2063525	Soil	28.8	8.6	0.32	68.1	0.032	<20	1.33	0.006	0.15	0.4	1.8	0.16	<0.02	18	<0.1	<0.02	5.7
2063526	Soil	31.8	9.6	0.46	80.2	0.084	<20	1.61	0.009	0.22	0.2	2.7	0.22	<0.02	15	<0.1	<0.02	6.1
2063527	Soil	17.5	13.5	0.25	85.6	0.070	<20	0.96	0.005	0.10	0.4	1.3	0.13	<0.02	13	<0.1	0.02	7.8
2063528	Soil	19.8	9.9	0.29	50.5	0.060	<20	0.99	0.008	0.13	0.5	1.6	0.14	<0.02	15	<0.1	0.02	6.5
2063529	Soil	23.0	6.7	0.34	79.2	0.062	<20	1.25	0.009	0.13	0.2	1.7	0.17	<0.02	16	<0.1	<0.02	7.5
2063530	Soil	20.1	11.1	0.20	66.2	0.049	<20	0.70	0.007	0.10	0.2	1.3	0.10	<0.02	15	<0.1	<0.02	5.2



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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	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
2063531	Soil	10.96	13.27	113.30	842.9	854	7.9	6.6	2317	2.43	1.9	6.7	<0.2	1.4	45.7	2.31	0.21	0.40	31	0.47	0.085
2063532	Soil	4.68	7.41	20.70	564.2	226	4.3	4.2	631	1.51	1.1	0.9	<0.2	2.1	52.0	5.24	0.22	0.28	27	0.50	0.048
2063533	Soil	12.90	17.97	68.39	541.3	787	7.0	8.6	2738	2.41	1.3	10.7	<0.2	1.1	48.8	1.69	0.21	0.37	31	0.41	0.085
2063534	Soil	10.77	24.86	50.31	247.5	622	8.1	13.1	2265	2.58	0.8	5.2	<0.2	0.7	27.9	1.20	0.22	0.55	44	0.16	0.056
2063535	Soil	9.44	18.06	30.43	84.6	254	7.1	7.0	251	2.34	2.2	3.8	1.8	1.4	41.0	0.33	0.23	1.07	37	0.30	0.052
2063536	Soil	4.00	15.37	23.30	172.4	168	7.7	6.8	911	1.94	1.9	3.9	<0.2	1.0	36.6	0.59	0.26	0.39	34	0.39	0.054
2063537	Soil	8.10	20.00	25.13	95.7	187	5.6	8.1	787	1.40	0.3	3.2	0.3	1.7	42.4	0.50	0.09	0.38	27	0.42	0.037
2063538	Soil	2.48	5.88	8.18	46.9	149	4.8	3.1	141	1.58	0.9	1.9	0.3	2.3	28.1	0.08	0.10	0.31	29	0.26	0.034
2063539	Soil	5.77	12.85	9.38	54.9	67	9.4	4.1	101	2.04	4.3	0.8	0.2	4.6	11.0	0.16	0.46	3.19	40	0.04	0.019
2063540	Soil	6.45	30.64	23.34	83.9	232	16.9	8.9	184	3.33	10.1	4.1	2.5	6.9	34.1	0.33	0.61	20.49	37	0.21	0.027
2063541	Soil	10.35	25.48	20.70	230.8	793	17.6	6.6	421	3.11	10.1	20.8	0.7	1.9	64.7	0.22	0.32	1.71	33	0.61	0.091
2063542	Soil	4.72	18.12	12.85	148.0	256	13.6	6.4	397	2.18	4.5	13.1	0.4	1.6	64.8	0.20	0.20	1.20	26	0.42	0.072
2063543	Soil	0.53	8.34	12.00	51.9	83	17.8	6.1	194	1.83	1.7	1.0	0.3	6.4	95.2	0.09	0.13	1.57	27	0.28	0.060
2063544	Soil	1.20	5.72	11.75	110.0	127	6.5	3.7	279	1.95	1.8	0.6	<0.2	3.0	21.4	1.10	0.22	2.05	42	0.16	0.024
2063545	Soil	1.41	8.04	17.95	147.0	334	9.0	4.3	262	2.35	2.7	1.0	0.3	0.6	23.0	1.37	0.24	9.47	37	0.14	0.054
2063546	Soil	1.11	104.97	11.62	>10000	1566	30.8	196.5	3151	7.63	2.8	7.1	337.4	4.8	105.3	24.94	0.37	1106.26	13	2.24	0.178
2063547	Soil	1.75	8.40	12.58	550.7	468	5.4	3.5	293	1.43	2.2	10.0	<0.2	2.9	53.9	1.12	0.20	0.47	25	0.67	0.074
2063548	Soil	1.71	29.63	81.08	3270.2	4937	15.2	6.0	426	1.91	17.9	27.7	3.5	3.5	79.9	2.99	2.57	4.09	26	1.02	0.099
2063549	Soil	0.42	2.77	3.67	32.7	42	1.9	1.5	62	0.76	0.4	1.1	<0.2	5.0	18.0	0.10	0.05	0.33	16	0.10	0.010
2063550	Soil	0.61	5.77	10.55	80.1	108	5.3	4.1	171	2.13	1.9	0.8	<0.2	7.3	71.6	0.36	0.13	0.62	35	0.12	0.052
2063551	Soil	0.73	4.07	7.36	69.7	48	4.8	3.2	174	1.56	0.9	0.7	0.3	3.1	37.4	0.25	0.12	0.52	29	0.16	0.037
2063552	Soil	0.85	4.74	9.09	52.6	133	5.7	3.5	195	1.86	1.3	0.6	<0.2	6.3	75.2	0.14	0.15	0.59	41	0.25	0.025
2063553	Soil	1.24	7.32	9.71	86.1	78	7.0	4.5	267	1.84	1.3	2.7	<0.2	5.2	55.2	0.15	0.12	0.56	38	0.34	0.030
2063554	Soil	4.03	19.61	19.16	169.0	203	16.4	6.6	423	2.07	3.2	9.8	0.7	1.3	82.3	0.35	0.17	2.71	26	0.64	0.092
2063555	Soil	2.11	12.46	14.81	115.0	106	10.2	3.8	194	1.53	1.8	3.7	<0.2	1.1	58.2	0.88	0.11	1.96	24	0.38	0.043
2063556	Soil	3.68	45.82	16.10	198.6	997	24.5	8.1	1420	2.72	2.5	18.5	3.8	2.8	123.5	0.85	0.24	7.91	38	0.81	0.097
2063557	Soil	3.43	16.76	20.92	339.1	239	20.3	11.5	1990	3.43	4.7	2.0	56.9	1.8	66.3	2.62	0.31	377.32	33	0.71	0.070
2063558	Soil	1.79	21.52	16.37	180.8	374	11.5	3.9	298	1.45	2.6	3.8	<0.2	1.6	57.2	0.61	0.12	1.88	21	0.46	0.067
2063559	Soil	1.87	13.15	13.93	134.5	441	12.7	2.8	173	1.31	1.4	2.1	<0.2	1.2	71.3	1.11	0.13	2.39	19	0.62	0.037
2063560	Soil	1.17	5.01	13.23	86.8	117	5.5	3.0	167	1.91	5.2	0.6	0.2	6.3	14.3	0.59	0.20	0.91	35	0.05	0.018



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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
2063531	Soil	28.2	12.4	0.30	175.0	0.037	<20	1.22	0.008	0.12	0.6	1.6	0.13	0.03	37	<0.1	<0.02	5.4
2063532	Soil	16.5	8.5	0.19	116.9	0.049	<20	0.58	0.005	0.16	0.3	1.2	0.09	0.03	14	<0.1	0.03	4.1
2063533	Soil	29.9	12.5	0.28	99.0	0.033	<20	1.20	0.008	0.11	0.3	1.3	0.11	0.04	26	<0.1	0.02	5.3
2063534	Soil	26.2	13.8	0.26	134.2	0.054	<20	1.15	0.008	0.11	0.3	1.1	0.14	<0.02	17	<0.1	<0.02	8.1
2063535	Soil	19.0	12.1	0.30	105.0	0.041	<20	1.04	0.007	0.12	0.4	1.4	0.11	0.04	19	<0.1	0.02	6.0
2063536	Soil	21.9	13.2	0.29	102.8	0.062	<20	0.88	0.007	0.10	2.0	1.3	0.10	0.03	16	<0.1	0.03	5.0
2063537	Soil	14.8	10.3	0.23	99.9	0.060	<20	0.69	0.008	0.10	0.5	1.3	0.12	0.02	16	0.1	<0.02	5.4
2063538	Soil	21.6	8.3	0.29	49.4	0.068	<20	0.87	0.007	0.11	0.2	1.3	0.11	<0.02	11	0.1	<0.02	5.9
2063539	Soil	17.3	18.5	0.25	46.5	0.069	<20	0.92	0.006	0.16	2.4	1.8	0.18	<0.02	13	<0.1	0.05	9.5
2063540	Soil	26.4	24.8	0.42	75.7	0.066	<20	1.55	0.007	0.14	8.2	2.9	0.19	0.03	24	0.3	0.13	8.1
2063541	Soil	27.8	20.9	0.50	134.5	0.041	<20	2.17	0.009	0.14	1.0	2.4	0.24	0.06	33	0.4	0.03	7.6
2063542	Soil	25.9	18.2	0.44	82.1	0.048	<20	1.49	0.011	0.10	0.9	2.1	0.15	0.04	13	0.3	0.03	6.0
2063543	Soil	21.6	28.6	0.40	72.8	0.061	<20	1.48	0.017	0.19	1.8	2.0	0.17	<0.02	9	0.2	0.07	5.2
2063544	Soil	15.1	12.3	0.20	47.0	0.101	<20	0.67	0.005	0.10	1.5	1.3	0.10	<0.02	11	<0.1	0.04	7.7
2063545	Soil	16.6	17.5	0.29	51.7	0.057	<20	1.37	0.007	0.14	0.9	1.0	0.12	0.03	34	0.2	0.11	8.5
2063546	Soil	20.9	18.7	0.35	58.8	0.025	<20	1.42	0.006	0.05	5.6	3.2	0.10	0.03	64	2.7	1.83	4.9
2063547	Soil	27.1	6.4	0.35	78.3	0.050	26	1.04	0.008	0.11	0.4	1.7	0.18	0.03	14	0.3	<0.02	5.1
2063548	Soil	36.8	15.3	0.42	84.3	0.047	<20	1.27	0.009	0.15	2.0	2.4	0.18	0.05	30	0.5	0.05	5.2
2063549	Soil	18.4	3.1	0.13	24.1	0.042	<20	0.37	0.007	0.07	0.6	0.8	0.06	<0.02	<5	<0.1	<0.02	3.6
2063550	Soil	19.9	8.7	0.32	57.5	0.066	<20	1.16	0.007	0.14	2.3	1.8	0.13	<0.02	13	0.2	0.03	7.4
2063551	Soil	19.0	8.7	0.24	54.6	0.072	<20	0.73	0.006	0.18	2.5	1.3	0.11	<0.02	13	0.1	0.02	6.5
2063552	Soil	19.6	10.9	0.25	81.5	0.100	<20	0.78	0.006	0.16	2.4	1.5	0.12	<0.02	8	<0.1	0.03	7.6
2063553	Soil	29.2	11.1	0.44	53.3	0.116	<20	1.10	0.010	0.12	0.8	2.4	0.15	<0.02	7	0.1	0.02	7.9
2063554	Soil	30.2	15.5	0.37	80.6	0.038	<20	1.53	0.012	0.09	1.3	1.8	0.17	0.05	19	0.4	0.05	6.1
2063555	Soil	28.2	12.3	0.27	49.7	0.041	<20	1.03	0.009	0.07	1.4	1.2	0.09	<0.02	5	0.2	0.04	5.7
2063556	Soil	63.3	19.5	0.49	101.1	0.049	<20	1.93	0.014	0.15	2.8	4.4	0.27	0.06	34	0.8	0.12	8.4
2063557	Soil	16.0	16.6	0.43	90.5	0.044	<20	1.28	0.010	0.14	1.4	2.1	0.13	0.04	20	0.2	2.42	7.0
2063558	Soil	28.0	13.7	0.34	60.4	0.043	<20	1.06	0.010	0.09	0.4	1.7	0.13	0.03	8	0.3	0.03	5.3
2063559	Soil	21.6	18.5	0.31	67.2	0.055	<20	1.17	0.018	0.12	2.5	1.6	0.15	0.04	37	0.3	0.04	6.6
2063560	Soil	18.6	10.9	0.23	32.2	0.069	<20	0.98	0.007	0.06	1.5	1.6	0.09	<0.02	5	<0.1	0.02	7.9



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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	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
2063561	Soil	1.15	6.67	9.09	50.5	219	5.2	2.9	111	1.94	2.7	0.7	<0.2	1.4	15.5	0.84	0.25	1.01	46	0.05	0.024
2063562	Soil	0.47	13.07	4.63	89.6	85	3.7	2.3	415	0.91	0.3	2.1	4.2	1.7	42.9	1.28	0.06	0.25	19	0.41	0.038
2063563	Soil	0.49	7.06	8.68	50.1	98	3.7	2.9	192	1.25	0.9	2.9	<0.2	7.1	26.6	0.12	0.07	1.02	23	0.37	0.091
2063564	Soil	0.53	8.15	8.16	58.5	132	4.0	3.0	227	1.18	0.6	3.4	0.3	5.4	36.5	0.25	0.07	0.50	23	0.39	0.049
2063565	Soil	0.78	9.73	8.97	49.3	86	4.3	4.8	279	1.32	0.5	4.8	1.4	5.3	28.0	0.20	0.05	0.34	28	0.17	0.034
2063566	Soil	2.07	27.09	22.25	118.8	466	8.8	7.5	713	2.08	1.0	13.2	0.5	3.1	67.9	0.50	0.16	0.56	40	0.64	0.096
2063567	Soil	0.99	11.25	12.32	63.2	124	6.1	5.0	322	1.64	0.5	6.7	<0.2	3.5	41.5	0.09	0.11	0.41	32	0.31	0.048
2063568	Soil	30.12	158.34	47.23	319.2	1570	50.4	28.8	608	4.39	4.1	25.1	0.9	1.7	85.3	0.77	0.49	1.30	46	0.87	0.138
2063569	Soil	12.16	31.19	125.45	243.5	384	29.7	14.1	306	3.44	4.2	3.3	15.8	7.8	46.2	0.60	0.33	1.67	43	0.32	0.040
2063570	Soil	9.23	21.91	233.07	368.9	366	27.4	15.3	256	2.77	9.1	1.5	<0.2	2.9	23.8	0.94	0.36	1.09	39	0.16	0.034
2063571	Soil	11.82	42.20	141.08	341.8	1431	39.6	19.0	953	3.65	12.1	5.7	0.3	2.8	39.1	0.72	0.65	1.45	51	0.40	0.052
2063572	Soil	3.61	11.35	23.39	103.8	319	11.5	5.0	224	1.48	3.6	1.2	0.3	3.7	18.1	0.17	0.16	0.34	25	0.22	0.024
2063573	Soil	15.39	44.63	48.56	458.0	2059	40.9	14.5	549	3.64	10.6	6.9	1.6	5.2	56.5	0.69	0.66	0.55	42	0.97	0.046
2063574	Soil	13.99	33.42	33.35	408.5	821	42.9	24.8	506	4.15	4.1	2.4	0.6	3.1	45.2	1.67	0.32	0.56	47	0.69	0.040
2063575	Soil	14.14	23.78	35.17	215.2	649	29.0	14.6	367	3.44	3.3	1.8	0.6	4.4	32.6	0.62	0.34	1.02	47	0.45	0.048
2063576	Soil	12.06	23.14	129.84	354.2	1701	24.8	20.3	617	2.78	2.8	2.0	0.2	2.4	46.4	1.42	0.41	0.61	39	0.52	0.046
2063577	Soil	11.97	18.96	143.12	223.9	1602	27.1	11.4	355	3.23	3.1	1.6	0.5	5.9	30.6	0.26	0.61	0.55	43	0.36	0.032
2063578	Soil	6.07	12.38	142.90	260.7	1523	15.7	6.3	279	2.30	3.5	1.2	0.5	9.4	29.5	0.20	1.29	0.45	34	0.28	0.026
2063579	Soil	4.97	14.65	252.64	303.0	2110	12.7	5.6	492	1.88	3.2	5.2	0.8	9.2	26.0	0.43	1.55	0.58	29	0.36	0.088
2063580	Soil	4.63	18.02	231.00	345.7	4164	16.2	6.8	511	2.33	3.6	2.4	1.7	9.1	44.4	0.40	1.28	1.07	32	0.40	0.072
2063581	Soil	4.36	14.46	281.03	299.9	4799	12.7	7.8	505	2.16	3.4	1.6	0.6	8.2	31.5	0.53	1.33	0.77	31	0.33	0.082
2063582	Soil	4.48	13.68	118.41	310.7	1281	6.4	4.4	359	1.34	1.7	2.4	0.2	1.9	26.1	0.60	0.43	0.34	25	0.33	0.039
2063583	Soil	5.44	20.64	166.50	371.6	2568	8.1	4.4	320	1.61	3.0	4.9	0.6	3.7	25.6	0.76	0.74	0.41	29	0.34	0.069
2063584	Soil	5.62	27.85	278.41	523.0	5576	10.6	5.6	575	1.71	4.1	8.0	0.7	2.6	53.5	1.66	1.56	0.44	28	0.72	0.062
2063585	Soil	5.91	26.54	273.84	495.7	4623	11.6	5.5	477	1.86	4.5	9.2	1.2	3.0	49.1	1.45	1.61	0.44	31	0.65	0.073
2063586	Soil	7.56	25.41	315.74	497.1	2977	9.9	5.9	826	1.84	3.2	7.2	0.5	1.8	39.5	1.82	1.02	0.47	32	0.55	0.074
2063587	Soil	1.47	28.41	212.93	614.7	2579	14.9	7.7	662	2.07	4.2	2.9	0.7	15.1	43.8	1.28	1.71	0.49	30	0.38	0.107
2063588	Soil	7.03	23.24	408.64	635.0	10561	11.9	5.9	516	2.12	5.9	5.6	1.9	5.9	33.1	0.79	2.88	0.53	35	0.46	0.076
2063589	Soil	7.33	11.47	49.24	207.5	525	9.0	5.2	340	1.81	3.4	2.7	0.5	4.5	26.3	0.30	0.44	0.45	34	0.35	0.047
2063590	Soil	13.40	19.67	63.62	258.1	749	13.2	8.0	682	2.44	4.6	4.1	0.4	2.5	38.9	0.64	0.42	0.60	44	0.48	0.058

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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		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
2063561	Soil	16.8	11.6	0.21	39.9	0.083	<20	0.94	0.008	0.09	0.7	1.2	0.10	<0.02	14	0.1	<0.02	10.1
2063562	Soil	23.0	4.6	0.19	48.5	0.045	<20	0.47	0.008	0.12	0.4	0.9	0.10	0.02	<5	<0.1	<0.02	3.6
2063563	Soil	32.7	4.4	0.23	44.2	0.048	<20	0.62	0.007	0.10	3.4	1.4	0.11	<0.02	<5	0.2	<0.02	3.7
2063564	Soil	35.5	5.6	0.28	52.2	0.063	<20	0.70	0.008	0.10	2.2	1.6	0.13	0.02	18	0.2	<0.02	4.4
2063565	Soil	41.9	7.2	0.32	58.9	0.068	<20	0.95	0.012	0.04	1.2	2.0	0.10	<0.02	13	0.2	<0.02	5.9
2063566	Soil	57.0	12.0	0.43	136.1	0.053	<20	1.83	0.011	0.14	1.8	2.5	0.28	0.06	41	0.5	0.02	8.5
2063567	Soil	52.9	10.7	0.37	108.9	0.059	<20	1.32	0.010	0.09	2.1	2.2	0.17	0.03	20	0.3	<0.02	7.1
2063568	Soil	41.6	40.8	0.62	134.2	0.042	<20	2.70	0.010	0.20	0.9	3.4	0.41	0.13	45	0.9	0.08	9.4
2063569	Soil	22.9	40.6	0.66	72.8	0.090	<20	2.03	0.013	0.19	4.4	4.2	0.21	0.05	11	0.3	0.07	9.1
2063570	Soil	16.1	31.2	0.51	86.0	0.081	<20	1.66	0.013	0.14	1.3	3.0	0.18	0.03	15	0.2	0.03	8.3
2063571	Soil	26.4	34.9	0.69	118.2	0.079	<20	2.70	0.008	0.25	1.5	3.8	0.34	0.04	22	0.4	0.06	10.4
2063572	Soil	22.1	11.6	0.33	42.4	0.069	<20	0.95	0.007	0.09	0.7	1.9	0.15	<0.02	9	0.2	<0.02	4.8
2063573	Soil	40.3	42.9	0.82	78.3	0.100	<20	2.51	0.010	0.34	1.2	5.7	0.47	0.05	35	0.7	0.04	9.6
2063574	Soil	20.2	45.4	0.79	120.4	0.124	<20	2.54	0.008	0.46	0.6	5.4	0.46	0.03	19	0.3	0.04	10.9
2063575	Soil	18.3	38.2	0.70	162.3	0.111	<20	1.98	0.009	0.35	0.9	4.4	0.30	0.03	14	0.2	0.03	9.5
2063576	Soil	18.5	27.6	0.48	102.1	0.082	<20	1.60	0.009	0.22	0.7	2.7	0.25	0.03	22	0.3	0.03	8.7
2063577	Soil	24.4	33.8	0.69	71.4	0.103	<20	1.93	0.008	0.26	0.8	3.9	0.36	<0.02	15	0.3	0.03	8.6
2063578	Soil	28.8	21.8	0.49	66.8	0.092	<20	1.45	0.008	0.16	1.8	3.2	0.27	<0.02	6	0.2	0.02	7.1
2063579	Soil	30.9	15.3	0.37	57.6	0.068	<20	1.11	0.008	0.16	2.2	2.4	0.21	<0.02	12	0.3	0.03	5.4
2063580	Soil	32.3	18.5	0.50	68.9	0.081	<20	1.35	0.009	0.24	1.9	3.1	0.28	<0.02	17	0.3	0.04	6.3
2063581	Soil	28.6	15.8	0.43	44.9	0.075	<20	1.20	0.009	0.19	2.7	2.6	0.24	<0.02	16	0.2	0.03	5.9
2063582	Soil	22.0	8.8	0.27	67.5	0.053	<20	0.95	0.009	0.11	0.6	1.4	0.15	<0.02	19	0.1	<0.02	5.5
2063583	Soil	34.3	10.9	0.31	79.0	0.050	<20	1.19	0.007	0.09	1.0	2.0	0.14	0.02	18	0.2	<0.02	5.9
2063584	Soil	36.7	11.4	0.32	102.0	0.054	<20	1.32	0.009	0.13	0.7	2.2	0.23	0.04	48	0.4	<0.02	6.0
2063585	Soil	39.3	13.6	0.34	96.8	0.055	<20	1.37	0.008	0.14	0.5	2.4	0.22	0.04	44	0.4	0.02	6.3
2063586	Soil	35.4	11.4	0.33	104.0	0.053	<20	1.35	0.008	0.15	0.9	2.0	0.23	0.04	41	0.4	<0.02	6.7
2063587	Soil	42.5	12.2	0.43	73.9	0.069	<20	1.04	0.009	0.28	4.0	3.0	0.25	<0.02	12	0.4	0.02	5.6
2063588	Soil	33.5	14.9	0.41	97.3	0.069	<20	1.53	0.010	0.17	0.7	2.9	0.23	0.03	23	0.3	0.02	6.8
2063589	Soil	27.7	13.5	0.37	89.6	0.074	<20	1.22	0.008	0.11	0.5	2.2	0.17	<0.02	11	0.1	<0.02	6.7
2063590	Soil	25.5	18.2	0.46	132.0	0.080	<20	1.70	0.009	0.18	0.6	2.7	0.24	0.03	15	0.3	0.03	8.8



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Project: Silverhart
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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	
			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	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
2063591	Soil		9.31	25.18	38.03	168.5	551	13.8	6.2	427	1.99	4.1	9.2	0.3	2.0	40.8	0.56	0.26	0.48	34	0.51	0.075
2063592	Soil		4.11	10.07	31.78	89.4	290	7.7	4.5	256	1.35	2.2	2.9	0.3	2.9	21.1	0.23	0.19	0.31	24	0.26	0.042
2063593	Soil		6.13	9.89	30.02	108.6	369	10.3	5.4	239	1.85	3.2	2.4	0.2	5.2	19.2	0.17	0.17	0.44	32	0.23	0.038
2063594	Soil		8.26	21.47	35.32	119.9	799	10.6	5.4	311	1.69	1.5	4.9	1.6	1.9	33.8	0.61	0.16	0.52	31	0.38	0.046
2063595	Soil		11.41	16.86	48.07	184.8	275	16.7	10.2	615	2.62	4.7	6.1	<0.2	3.9	34.5	0.30	0.29	0.66	43	0.45	0.064
2063596	Soil		5.37	8.50	36.56	112.7	97	11.1	6.4	362	1.89	4.2	2.6	0.3	5.2	25.4	0.21	0.18	0.43	32	0.27	0.040
2063597	Soil		13.55	16.47	61.20	240.2	695	13.6	6.1	484	2.18	3.9	7.8	0.4	2.3	40.5	0.34	0.27	0.54	33	0.53	0.078
2063598	Soil		14.44	19.83	22.25	255.7	1054	14.6	5.4	422	2.25	3.9	10.7	0.4	1.3	48.7	0.43	0.28	0.62	32	0.72	0.126
2063599	Soil		14.01	11.74	65.56	222.5	410	10.7	5.2	468	1.94	2.7	5.6	0.2	1.6	34.6	0.31	0.17	0.45	32	0.47	0.071
2063600	Soil		9.23	16.58	77.54	148.1	1304	9.0	5.3	272	2.17	2.7	5.0	0.2	0.6	16.9	0.46	0.34	0.52	37	0.10	0.066
2063601	Soil		0.73	3.17	10.64	41.5	99	3.9	3.3	144	1.74	1.6	1.4	<0.2	9.5	8.2	0.09	0.10	0.27	28	0.13	0.069
2063602	Soil		1.17	6.50	23.07	64.7	223	6.8	3.9	227	2.45	2.0	4.0	1.5	1.1	7.4	0.17	0.18	0.36	47	0.05	0.068
2063603	Soil		1.04	3.86	24.32	58.0	488	4.3	3.6	180	2.00	1.6	1.5	1.2	9.3	8.2	0.11	0.13	0.33	31	0.07	0.039
2063604	Soil		2.47	9.75	34.39	100.6	568	6.2	4.7	203	2.26	1.7	4.4	0.8	9.2	10.6	0.11	0.16	2.35	36	0.09	0.024
2063605	Soil		1.99	4.38	14.15	78.2	259	4.6	3.0	195	1.96	2.2	1.3	0.4	4.8	6.6	0.12	0.14	0.38	29	0.08	0.051
2063606	Soil		2.64	4.37	13.88	56.0	91	4.5	2.7	178	1.86	2.5	1.9	<0.2	3.1	6.0	0.08	0.15	0.43	31	0.09	0.091
2063607	Soil		6.50	6.39	28.10	67.0	401	3.5	3.1	236	1.74	2.0	4.3	<0.2	9.0	6.0	0.10	0.14	0.30	23	0.10	0.057
2063608	Soil		1.84	3.43	13.71	43.1	254	4.7	3.3	153	1.90	2.1	1.5	<0.2	6.2	5.8	0.10	0.13	0.25	32	0.06	0.036
2063609	Soil		2.15	3.68	28.03	54.6	95	6.6	3.4	130	1.98	3.1	2.5	<0.2	8.6	10.8	0.10	0.19	0.32	31	0.10	0.041
2063610	Soil		2.01	4.43	31.31	70.3	242	8.1	3.7	183	1.88	2.7	1.6	<0.2	5.4	10.3	0.11	0.19	0.39	34	0.08	0.030
2063611	Soil		2.37	5.63	22.86	219.1	139	8.8	5.5	358	2.66	2.4	1.7	<0.2	4.4	8.8	0.30	0.26	0.40	39	0.08	0.080
2063612	Soil		0.99	3.55	16.06	112.6	205	4.6	4.2	171	2.14	2.0	1.1	<0.2	7.5	14.8	0.14	0.14	0.37	36	0.10	0.065
2063613	Soil		0.92	3.11	17.55	85.3	264	4.0	3.7	176	1.84	2.1	3.2	<0.2	9.3	10.4	0.11	0.12	0.31	33	0.08	0.066
2063614	Soil		0.79	4.75	16.25	72.9	661	4.0	4.3	199	1.92	2.6	4.1	<0.2	13.9	5.3	0.15	0.11	0.45	31	0.09	0.071
2063615	Soil		2.73	5.20	20.17	76.6	162	4.4	4.8	228	2.14	1.5	0.9	<0.2	6.3	22.9	0.09	0.09	0.40	47	0.09	0.079
2063616	Soil		5.43	11.66	33.52	153.6	507	9.0	8.3	503	3.08	4.4	2.5	<0.2	7.9	13.2	0.24	0.25	0.70	63	0.08	0.065
2063617	Soil		4.56	9.25	26.31	118.1	361	5.7	5.6	315	2.49	2.1	3.3	<0.2	7.2	15.7	0.15	0.13	0.51	48	0.09	0.073
2063618	Soil		1.50	6.85	15.62	88.8	142	4.9	4.6	219	1.92	3.9	1.1	<0.2	10.1	20.4	0.16	0.19	0.39	37	0.20	0.093
2063619	Soil		3.64	9.17	21.17	113.9	182	6.6	7.3	466	2.38	3.8	1.2	<0.2	8.8	18.9	0.15	0.19	0.43	46	0.15	0.095
2063620	Soil		7.29	7.67	41.21	196.5	774	6.9	6.1	562	2.50	7.3	1.9	44.3	3.9	13.9	0.33	0.42	0.40	42	0.07	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
2063591	Soil	31.3	17.6	0.40	123.2	0.062	<20	1.55	0.008	0.14	0.7	2.4	0.18	0.04	19	0.3	0.02	7.1
2063592	Soil	22.2	10.3	0.30	65.1	0.063	<20	0.92	0.008	0.09	0.5	1.7	0.14	<0.02	10	0.2	<0.02	5.1
2063593	Soil	25.1	14.7	0.39	79.7	0.081	<20	1.26	0.009	0.14	1.2	2.3	0.19	<0.02	13	0.2	<0.02	6.4
2063594	Soil	27.0	13.9	0.29	101.4	0.069	<20	1.11	0.009	0.11	0.7	2.0	0.17	0.03	125	0.2	<0.02	7.4
2063595	Soil	38.1	24.3	0.56	115.7	0.086	<20	1.94	0.009	0.15	0.9	3.7	0.23	0.03	17	0.4	0.03	8.5
2063596	Soil	31.0	16.3	0.43	71.3	0.085	<20	1.25	0.009	0.13	0.6	2.5	0.17	<0.02	10	0.2	<0.02	6.3
2063597	Soil	34.4	16.9	0.42	118.3	0.049	<20	1.78	0.009	0.14	0.8	2.4	0.20	0.04	31	0.4	0.03	7.0
2063598	Soil	34.1	16.7	0.41	146.3	0.035	<20	1.96	0.009	0.14	0.8	1.9	0.20	0.08	39	0.5	0.03	6.9
2063599	Soil	26.6	14.6	0.38	111.1	0.044	<20	1.71	0.008	0.10	0.7	1.8	0.17	0.03	21	0.3	<0.02	6.9
2063600	Soil	23.4	12.8	0.43	121.4	0.052	<20	2.08	0.009	0.19	0.3	1.5	0.28	0.04	47	0.2	<0.02	10.3
2063601	Soil	25.8	7.1	0.27	43.8	0.055	<20	1.63	0.008	0.07	0.9	1.7	<0.02	<0.02	37	0.4	<0.02	6.2
2063602	Soil	20.4	14.4	0.26	54.5	0.088	<20	1.56	0.008	0.07	0.7	1.3	0.22	0.06	48	0.5	<0.02	11.3
2063603	Soil	25.4	7.4	0.28	52.5	0.068	<20	1.50	0.007	0.08	0.8	1.9	0.17	<0.02	47	0.3	<0.02	7.8
2063604	Soil	30.5	9.2	0.37	68.9	0.065	<20	2.12	0.009	0.09	2.3	2.7	0.19	<0.02	41	0.4	<0.02	9.1
2063605	Soil	26.9	9.8	0.23	40.2	0.041	<20	1.26	0.006	0.06	1.1	1.4	0.13	<0.02	26	0.2	<0.02	7.3
2063606	Soil	24.4	10.5	0.21	31.4	0.042	<20	1.36	0.006	0.05	0.4	1.4	0.13	<0.02	26	0.3	<0.02	7.8
2063607	Soil	26.4	7.5	0.23	39.8	0.035	<20	1.71	0.006	0.07	1.3	1.9	0.18	<0.02	39	0.4	<0.02	6.4
2063608	Soil	22.8	10.1	0.23	42.8	0.054	<20	1.52	0.005	0.05	0.5	1.6	0.12	<0.02	37	0.3	<0.02	6.9
2063609	Soil	22.4	12.8	0.30	43.4	0.050	<20	1.49	0.005	0.06	0.3	2.0	0.12	<0.02	30	0.3	0.02	8.7
2063610	Soil	20.6	16.7	0.31	57.4	0.086	<20	1.23	0.005	0.05	0.3	1.7	0.12	<0.02	12	0.1	<0.02	9.1
2063611	Soil	20.9	16.2	0.36	57.7	0.086	<20	1.31	0.006	0.09	0.7	1.9	0.12	<0.02	25	0.2	0.02	9.5
2063612	Soil	21.0	9.9	0.35	51.4	0.092	<20	1.57	0.008	0.09	0.5	2.2	0.13	<0.02	31	0.3	<0.02	8.6
2063613	Soil	25.0	10.1	0.30	52.9	0.069	<20	1.50	0.007	0.07	0.4	2.0	0.14	<0.02	34	0.2	<0.02	7.9
2063614	Soil	28.2	9.6	0.30	62.2	0.054	<20	2.21	0.008	0.10	0.8	2.3	0.17	<0.02	48	0.3	<0.02	6.8
2063615	Soil	21.2	7.2	0.46	62.5	0.136	<20	1.63	0.008	0.10	0.5	2.8	0.22	<0.02	15	0.1	<0.02	10.7
2063616	Soil	21.2	15.6	0.61	114.7	0.146	<20	2.16	0.008	0.24	0.6	3.7	0.35	<0.02	23	0.2	<0.02	12.3
2063617	Soil	24.5	10.2	0.49	95.9	0.104	<20	2.14	0.009	0.19	0.4	3.2	0.30	<0.02	31	0.2	<0.02	11.3
2063618	Soil	28.1	7.8	0.41	67.0	0.086	<20	1.51	0.009	0.13	0.3	2.5	0.20	<0.02	15	0.2	<0.02	7.0
2063619	Soil	25.7	10.5	0.51	93.8	0.113	<20	1.89	0.008	0.16	0.5	3.2	0.25	<0.02	14	0.2	<0.02	9.9
2063620	Soil	27.3	10.2	0.39	60.1	0.054	<20	1.55	0.008	0.13	0.3	2.1	0.18	<0.02	23	0.2	<0.02	8.5

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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
2063621	Soil	0.53	1.21	16.71	105.6	62	4.9	3.7	160	1.99	1.8	0.6	<0.2	6.5	13.0	0.12	0.15	0.46	40	0.08	0.031
2063622	Soil	3.41	5.27	18.65	105.2	249	5.4	4.7	221	2.90	2.7	0.6	3.3	7.6	12.2	0.23	0.25	0.60	55	0.07	0.037
2063623	Soil	5.13	3.71	15.91	35.4	103	3.0	2.1	84	1.10	1.2	0.8	2.0	4.4	10.6	0.12	0.18	0.36	32	0.05	0.016
2063624	Soil	2.61	4.78	12.06	44.6	309	3.6	3.3	144	1.50	1.7	2.0	0.3	8.0	15.9	0.05	0.09	0.35	26	0.13	0.028
2063625	Soil	3.81	2.88	9.95	39.1	217	2.6	2.3	90	1.46	1.5	0.5	<0.2	4.5	7.8	0.10	0.14	0.31	34	0.05	0.019
2063626	Soil	4.30	8.73	13.67	104.1	189	5.4	5.2	278	1.61	0.9	7.8	<0.2	4.3	46.0	0.24	0.11	0.31	31	0.44	0.022
2063627	Soil	4.86	2.76	9.89	27.4	86	2.1	1.8	78	1.10	0.9	0.5	<0.2	2.7	13.9	0.16	0.13	0.74	35	0.08	0.015
2063628	Soil	4.37	7.21	13.98	72.5	108	6.3	5.1	243	1.55	1.3	3.6	<0.2	3.2	23.4	0.12	0.12	0.33	30	0.14	0.029
2063629	Soil	14.60	18.15	35.13	163.1	246	7.5	8.5	581	2.48	1.3	8.1	<0.2	3.6	38.2	0.67	0.22	0.64	54	0.27	0.040
2063630	Soil	2.90	7.34	9.17	34.5	90	1.7	1.5	70	0.55	0.5	2.1	<0.2	4.4	16.7	0.17	0.05	0.24	15	0.16	0.009
2063631	Soil	1.48	3.37	10.35	56.5	129	3.5	3.6	134	1.90	1.2	0.6	<0.2	7.4	15.0	0.08	0.09	0.29	33	0.14	0.037
2063632	Soil	2.94	11.89	10.14	98.5	117	4.2	4.8	212	1.52	0.4	2.5	<0.2	2.8	21.3	0.13	0.07	0.40	32	0.13	0.021
2063633	Soil	2.95	8.29	12.96	73.1	123	2.1	3.0	165	0.90	0.4	1.1	<0.2	2.2	27.6	0.31	0.08	0.25	21	0.24	0.024
2063634	Soil	3.71	5.98	14.29	68.9	1169	3.9	2.8	117	1.28	1.1	0.8	<0.2	0.6	20.9	0.16	0.17	0.50	30	0.12	0.029
2063635	Soil	3.02	13.69	16.31	220.4	366	6.4	5.6	336	2.11	1.4	2.1	<0.2	1.6	14.5	0.30	0.17	0.39	37	0.15	0.031
2063636	Soil	4.14	10.29	24.77	156.3	214	4.6	4.8	401	2.01	2.6	2.8	<0.2	0.9	27.0	0.26	0.14	0.41	29	0.27	0.042
2063637	Soil	3.90	7.82	18.67	198.9	240	5.0	4.7	369	1.82	2.2	1.6	<0.2	0.9	25.0	0.50	0.17	0.33	27	0.21	0.043
2063638	Soil	16.76	39.19	206.21	618.2	1483	7.3	7.4	2699	2.93	4.5	12.1	0.3	1.1	54.9	1.65	0.28	0.41	29	0.55	0.094
2063639	Soil	12.31	10.76	64.77	431.0	384	7.8	7.2	1754	2.25	2.0	5.4	<0.2	0.3	30.6	1.72	0.20	0.35	34	0.23	0.068
2063640	Soil	10.76	14.46	44.79	377.1	706	9.6	8.9	1155	2.77	2.6	11.8	<0.2	4.2	22.2	1.06	0.18	0.50	45	0.20	0.054
2063641	Soil	7.37	5.05	35.85	450.8	327	5.1	4.7	390	2.05	2.2	2.5	<0.2	2.5	16.5	0.97	0.12	0.41	34	0.13	0.045
2063642	Soil	3.68	22.42	20.87	170.4	236	18.0	9.0	342	3.06	7.2	1.9	8.5	2.3	13.2	0.33	0.31	1.12	39	0.08	0.048
2063643	Soil	2.21	9.63	12.13	67.2	162	6.0	3.6	112	1.42	5.4	0.8	<0.2	1.7	9.3	0.16	0.23	0.91	27	0.03	0.023
2063644	Soil	3.03	25.46	26.42	136.0	384	20.3	9.3	208	3.43	9.7	1.7	<0.2	5.6	9.2	0.29	0.38	0.83	34	0.06	0.035
2063645	Soil	4.61	11.97	23.58	157.8	58	13.8	6.5	232	2.56	34.4	1.5	1.6	7.4	23.2	0.12	0.42	1.51	34	0.11	0.024
2063646	Soil	6.37	44.67	77.89	239.0	492	20.3	13.1	586	3.18	63.8	15.3	1.7	13.0	42.2	0.37	0.69	2.56	31	0.27	0.046
2063647	Soil	5.19	28.75	41.22	218.5	2268	20.7	7.7	350	2.70	27.1	12.1	1.2	3.6	51.8	0.29	0.43	3.04	30	0.38	0.114
2063648	Soil	2.71	19.75	27.05	73.9	277	7.0	2.9	157	1.83	8.3	11.5	3.0	2.9	12.6	0.29	0.26	1.22	31	0.05	0.030
2063649	Soil	1.10	7.09	17.15	81.0	131	6.2	3.4	149	2.19	2.8	0.8	0.3	2.6	11.9	0.27	0.29	0.88	44	0.05	0.039
2063650	Soil	4.85	13.91	18.60	109.3	638	10.6	5.8	396	1.83	5.8	8.7	0.8	2.7	43.4	0.27	0.23	1.31	24	0.49	0.113



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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	
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL
2063621	Soil	20.8	10.4	0.29	68.5	0.064	<20	1.20	0.008	0.10	0.3	1.7	0.17	<0.02	15	0.1	<0.02	8.5	
2063622	Soil	21.6	13.6	0.29	49.3	0.106	<20	1.22	0.007	0.10	0.3	1.8	0.16	<0.02	14	0.1	0.03	11.1	
2063623	Soil	18.4	8.8	0.11	28.9	0.086	<20	0.48	0.005	0.06	0.2	0.9	0.09	<0.02	8	<0.1	<0.02	5.9	
2063624	Soil	27.3	7.0	0.29	35.1	0.064	<20	1.08	0.008	0.09	0.5	1.7	0.13	<0.02	18	0.2	<0.02	6.2	
2063625	Soil	19.7	7.0	0.16	26.2	0.076	<20	0.65	0.006	0.08	0.6	1.1	0.10	<0.02	14	<0.1	<0.02	7.0	
2063626	Soil	30.9	10.6	0.39	61.5	0.093	<20	1.07	0.008	0.15	0.6	2.2	0.14	<0.02	11	0.1	<0.02	6.5	
2063627	Soil	15.9	7.6	0.09	24.8	0.094	<20	0.43	0.004	0.06	0.6	0.7	0.09	<0.02	10	<0.1	<0.02	5.9	
2063628	Soil	24.4	12.0	0.36	59.9	0.076	<20	0.99	0.007	0.10	0.4	1.8	0.12	<0.02	11	0.1	<0.02	5.9	
2063629	Soil	33.5	15.7	0.30	76.0	0.089	<20	1.07	0.008	0.10	0.3	1.8	0.11	<0.02	15	0.2	<0.02	8.1	
2063630	Soil	21.2	5.4	0.13	38.7	0.056	<20	0.39	0.008	0.07	0.1	0.9	0.09	<0.02	8	<0.1	<0.02	4.1	
2063631	Soil	24.3	8.4	0.27	48.5	0.071	<20	1.21	0.009	0.07	0.3	1.7	0.09	<0.02	14	0.2	<0.02	6.7	
2063632	Soil	32.5	8.7	0.41	67.4	0.095	<20	1.20	0.009	0.14	0.2	2.1	0.19	<0.02	6	0.2	<0.02	7.8	
2063633	Soil	19.4	6.2	0.20	83.3	0.074	<20	0.57	0.008	0.14	1.1	1.2	0.11	<0.02	18	0.2	<0.02	5.4	
2063634	Soil	17.7	10.5	0.16	62.6	0.058	<20	0.64	0.006	0.09	0.3	0.8	0.12	<0.02	11	0.1	<0.02	6.6	
2063635	Soil	26.0	12.5	0.42	101.5	0.073	<20	1.26	0.007	0.17	0.3	1.8	0.19	<0.02	12	0.1	<0.02	7.2	
2063636	Soil	21.6	9.0	0.32	64.7	0.035	<20	0.99	0.006	0.11	0.3	1.0	0.10	<0.02	7	0.1	<0.02	5.3	
2063637	Soil	18.4	10.8	0.28	72.4	0.041	<20	0.83	0.005	0.13	0.2	1.0	0.12	<0.02	8	0.2	<0.02	5.3	
2063638	Soil	47.5	11.7	0.35	152.1	0.016	<20	1.82	0.006	0.16	0.3	1.7	0.22	0.04	29	0.5	0.03	7.1	
2063639	Soil	20.6	16.2	0.24	112.6	0.029	<20	1.11	0.005	0.09	0.2	0.6	0.11	0.03	18	0.3	0.03	6.7	
2063640	Soil	32.8	18.6	0.48	100.3	0.069	<20	1.88	0.009	0.15	0.3	2.6	0.22	<0.02	12	0.3	<0.02	8.8	
2063641	Soil	25.0	12.1	0.34	53.5	0.056	<20	1.24	0.007	0.12	0.3	1.6	0.14	<0.02	10	0.2	<0.02	7.2	
2063642	Soil	21.8	25.9	0.48	49.4	0.073	<20	1.62	0.006	0.12	1.4	2.3	0.19	0.03	21	0.3	0.04	8.1	
2063643	Soil	21.1	15.2	0.24	28.6	0.064	<20	0.86	0.005	0.10	1.0	1.3	0.15	<0.02	12	0.2	0.03	7.9	
2063644	Soil	22.3	32.2	0.57	50.0	0.077	<20	2.13	0.006	0.19	2.8	3.5	0.22	<0.02	19	0.3	0.03	7.5	
2063645	Soil	27.3	27.9	0.50	47.5	0.083	<20	1.46	0.006	0.12	2.2	3.8	0.18	<0.02	13	<0.1	0.08	7.0	
2063646	Soil	60.3	29.4	0.55	78.5	0.075	<20	1.71	0.007	0.21	1.9	5.8	0.26	<0.02	20	<0.1	0.06	5.9	
2063647	Soil	38.9	24.3	0.46	109.2	0.043	<20	1.85	0.008	0.15	0.8	4.1	0.28	0.06	60	<0.1	<0.02	6.7	
2063648	Soil	31.1	14.1	0.18	40.5	0.065	<20	1.18	0.005	0.07	0.5	2.6	0.14	<0.02	22	<0.1	0.04	7.0	
2063649	Soil	15.8	12.2	0.23	55.6	0.093	<20	1.06	0.005	0.12	0.5	2.0	0.14	0.03	35	<0.1	<0.02	9.1	
2063650	Soil	33.8	12.2	0.32	74.7	0.044	<20	1.20	0.007	0.07	2.8	2.4	0.17	0.05	38	<0.1	0.03	4.5	



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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	
		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
2063651	Soil	2.52	9.86	13.29	196.5	291	5.6	3.7	348	1.38	1.7	37.6	0.3	3.6	67.0	0.58	0.16	0.49	23	0.67	0.068
2063652	Soil	2.63	53.59	181.62	2745.8	16724	12.9	4.9	483	1.88	41.1	47.1	8.5	2.4	103.9	5.71	5.27	3.37	25	1.08	0.090
2063653	Soil	1.91	22.35	20.15	719.6	843	10.7	4.5	355	1.92	3.7	24.3	0.2	3.0	91.5	0.72	0.25	1.85	28	0.80	0.083
2063654	Soil	2.12	22.76	24.71	180.1	482	10.6	4.9	258	1.84	1.8	13.8	0.7	2.9	95.1	0.55	0.18	1.63	30	0.69	0.093
2063655	Soil	5.95	9.07	47.72	197.3	543	9.8	5.0	459	2.36	3.2	3.2	<0.2	2.9	14.7	0.51	0.27	0.57	35	0.11	0.077
2063656	Soil	5.25	23.33	78.04	200.7	1979	16.3	19.5	1191	1.02	1.3	1.6	<0.2	0.2	51.3	2.20	0.17	0.41	17	0.36	0.071
2063657	Soil	10.77	45.14	53.60	272.8	1886	33.3	10.8	476	3.19	8.3	5.2	0.4	5.1	38.6	0.45	0.48	0.80	41	0.43	0.051
2063658	Soil	8.08	30.78	51.62	196.4	1845	32.5	11.6	276	3.67	9.2	7.3	0.5	9.6	40.8	0.19	0.54	0.68	44	0.48	0.067
2063659	Soil	11.95	48.48	54.82	309.9	1019	31.4	12.1	408	3.90	9.7	6.2	0.5	4.6	50.8	0.74	0.51	0.85	45	0.45	0.057
2063660	Soil	10.66	47.07	54.39	424.1	1756	44.1	15.7	417	4.19	7.8	8.0	0.5	6.4	43.9	0.69	0.47	0.94	48	0.57	0.049
2063661	Soil	8.53	26.66	242.76	273.8	4294	20.9	7.9	684	2.30	6.4	4.4	0.8	3.9	44.4	0.42	2.25	0.58	32	0.59	0.073
2063662	Soil	5.37	17.84	350.42	346.2	3967	16.7	7.2	561	2.34	5.8	2.2	1.0	9.1	46.5	0.38	2.03	0.69	34	0.41	0.065
2063663	Soil	6.21	25.40	360.00	325.7	4546	20.7	6.4	496	2.20	5.5	3.2	0.6	8.2	35.8	0.58	1.84	0.62	34	0.42	0.061
2063664	Soil	5.91	26.34	394.85	430.7	5499	19.5	7.0	619	2.36	5.0	3.3	0.8	8.6	40.9	0.47	1.84	0.70	35	0.45	0.063
2063665	Soil	4.88	33.21	379.68	487.9	5411	24.7	7.3	569	2.49	5.2	5.6	1.0	8.8	47.7	1.02	1.68	0.71	34	0.61	0.075
2063666	Soil	6.54	47.40	480.25	812.4	8273	30.7	7.7	664	2.83	5.8	8.2	2.2	9.3	58.6	0.86	1.97	0.91	38	0.70	0.073
2063667	Soil	3.08	16.15	182.74	410.6	3684	14.1	4.6	329	1.78	3.2	3.1	0.8	7.0	30.7	0.49	0.85	0.48	27	0.43	0.065
2063668	Soil	2.21	20.28	259.95	330.9	1708	12.2	7.4	739	1.94	2.8	5.3	0.3	6.7	54.6	0.66	0.56	0.57	31	0.54	0.082
2063669	Soil	2.53	28.48	394.84	426.4	4322	17.9	8.1	744	1.87	1.6	5.8	<0.2	4.4	79.8	1.43	0.58	0.62	30	0.68	0.054
2063670	Soil	7.21	27.91	391.87	509.2	3344	21.9	9.8	733	3.26	5.6	4.1	0.3	5.1	44.1	0.95	1.35	1.03	56	0.36	0.062
2063671	Soil	2.52	17.02	166.69	238.2	2813	17.9	6.3	579	1.72	2.1	2.1	0.5	2.3	54.7	1.37	0.50	0.55	31	0.46	0.056
2063672	Soil	2.16	13.30	74.79	133.0	1764	11.4	3.8	190	1.22	1.6	1.7	1.1	1.0	28.0	0.52	0.44	0.34	23	0.21	0.042
2063673	Soil	1.96	9.78	65.51	166.9	826	10.8	4.9	232	1.46	2.4	1.1	0.4	3.8	26.0	0.30	0.81	0.40	27	0.22	0.043
2063674	Soil	4.23	14.66	41.82	156.7	486	15.6	6.7	317	2.24	6.2	1.4	<0.2	3.0	32.3	0.31	0.41	0.63	37	0.26	0.064
2063675	Soil	5.69	18.03	45.00	148.3	670	19.8	8.8	376	2.43	4.6	2.0	<0.2	3.5	33.5	0.33	0.34	0.60	38	0.32	0.057
2063676	Soil	6.06	18.33	40.70	150.9	575	22.7	8.5	324	2.85	5.9	2.4	0.4	4.5	41.7	0.16	0.41	0.64	40	0.40	0.056
2063677	Soil	7.01	18.72	51.22	181.3	438	20.8	9.0	431	2.51	4.7	2.1	0.4	3.5	39.2	0.23	0.39	0.66	38	0.39	0.054
2063678	Soil	9.55	18.46	43.00	243.2	615	24.3	10.9	592	2.90	4.5	2.6	<0.2	2.3	47.3	0.35	0.34	0.75	45	0.46	0.059
2063679	Soil	7.50	31.88	59.63	351.9	450	40.0	19.8	565	4.84	5.0	2.5	0.9	11.8	28.7	0.29	0.51	0.50	56	0.37	0.032
2063680	Soil	6.56	6.84	28.93	123.1	169	10.7	3.3	217	1.38	2.0	1.0	<0.2	2.9	9.4	0.36	0.19	0.72	25	0.07	0.049



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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
2063651	Soil	44.4	8.5	0.29	69.0	0.051	<20	1.02	0.008	0.07	0.4	2.1	0.11	0.04	23	<0.1	<0.02	3.7
2063652	Soil	61.4	13.0	0.38	96.2	0.041	<20	1.46	0.008	0.12	1.1	2.7	0.17	0.08	28	0.2	0.05	4.7
2063653	Soil	55.6	10.6	0.39	94.5	0.049	<20	1.50	0.008	0.15	1.6	2.8	0.18	0.06	31	<0.1	0.02	5.1
2063654	Soil	57.2	10.2	0.37	101.4	0.059	<20	1.46	0.009	0.16	3.2	3.1	0.21	0.06	16	<0.1	0.03	6.1
2063655	Soil	27.8	15.9	0.36	116.7	0.064	<20	1.64	0.008	0.16	0.4	2.8	0.15	<0.02	35	<0.1	<0.02	7.4
2063656	Soil	11.5	11.6	0.10	191.0	0.012	<20	0.59	0.016	0.08	0.3	0.8	0.13	0.04	33	<0.1	<0.02	4.0
2063657	Soil	29.9	30.7	0.57	99.0	0.084	<20	2.06	0.008	0.19	1.1	4.8	0.30	0.03	23	<0.1	<0.02	7.4
2063658	Soil	44.8	45.0	0.81	96.6	0.112	<20	2.26	0.009	0.21	1.5	6.3	0.35	0.03	23	0.1	0.05	8.0
2063659	Soil	28.5	39.6	0.67	124.1	0.095	<20	2.18	0.010	0.37	1.1	5.3	0.38	0.06	12	0.1	0.05	8.8
2063660	Soil	32.6	51.2	0.86	105.4	0.127	<20	2.52	0.011	0.34	2.8	6.9	0.39	0.03	25	<0.1	0.03	9.8
2063661	Soil	31.2	23.0	0.43	83.7	0.068	<20	1.38	0.007	0.16	0.7	3.1	0.25	0.03	29	<0.1	<0.02	5.6
2063662	Soil	29.4	23.4	0.51	72.0	0.098	<20	1.37	0.008	0.21	2.2	3.8	0.24	<0.02	16	<0.1	<0.02	6.0
2063663	Soil	35.8	25.8	0.41	76.9	0.083	<20	1.35	0.008	0.18	0.9	3.5	0.24	<0.02	15	<0.1	<0.02	5.7
2063664	Soil	32.4	21.5	0.46	87.7	0.081	<20	1.52	0.009	0.20	1.5	4.0	0.24	<0.02	17	<0.1	<0.02	6.2
2063665	Soil	38.1	23.5	0.46	93.2	0.077	<20	1.60	0.008	0.23	1.3	4.2	0.26	0.03	24	<0.1	<0.02	6.3
2063666	Soil	38.9	31.6	0.51	124.4	0.079	<20	2.02	0.010	0.28	2.1	5.2	0.28	0.03	25	<0.1	<0.02	7.7
2063667	Soil	32.6	18.3	0.33	73.2	0.065	<20	1.19	0.008	0.18	1.4	3.1	0.18	<0.02	21	<0.1	<0.02	5.0
2063668	Soil	41.9	14.9	0.39	102.5	0.068	<20	1.43	0.012	0.15	1.1	3.3	0.22	0.03	25	<0.1	<0.02	6.3
2063669	Soil	37.0	21.5	0.30	146.5	0.055	<20	1.59	0.012	0.15	1.4	3.4	0.20	0.03	34	<0.1	0.02	7.5
2063670	Soil	29.7	25.9	0.47	144.8	0.085	<20	2.09	0.008	0.21	0.9	3.7	0.28	0.03	25	0.1	<0.02	9.7
2063671	Soil	27.4	21.3	0.34	108.5	0.069	<20	1.24	0.010	0.14	0.9	2.5	0.18	0.03	20	<0.1	<0.02	6.4
2063672	Soil	24.7	13.6	0.23	93.7	0.050	<20	0.92	0.012	0.10	0.4	1.8	0.15	0.02	25	<0.1	<0.02	5.5
2063673	Soil	25.2	16.2	0.32	73.5	0.076	<20	1.02	0.009	0.11	0.4	2.6	0.15	<0.02	12	<0.1	<0.02	5.2
2063674	Soil	23.2	18.0	0.40	107.5	0.071	<20	1.59	0.009	0.18	1.8	3.0	0.23	<0.02	15	<0.1	<0.02	6.9
2063675	Soil	23.1	26.9	0.43	111.4	0.074	<20	1.70	0.008	0.17	1.2	3.1	0.22	0.02	12	<0.1	<0.02	7.2
2063676	Soil	26.6	30.3	0.54	126.5	0.082	<20	1.95	0.008	0.17	1.1	4.0	0.26	0.03	20	<0.1	<0.02	7.7
2063677	Soil	27.8	28.0	0.49	121.3	0.077	<20	1.77	0.008	0.14	1.3	3.5	0.25	0.02	9	<0.1	<0.02	7.3
2063678	Soil	27.1	36.5	0.57	144.4	0.077	<20	2.14	0.007	0.24	1.4	3.8	0.31	0.03	15	<0.1	<0.02	9.7
2063679	Soil	30.5	74.5	1.14	143.1	0.145	<20	2.88	0.014	0.86	1.2	8.6	0.52	<0.02	6	<0.1	0.03	11.7
2063680	Soil	22.0	18.0	0.22	64.3	0.056	<20	0.96	0.008	0.07	0.5	2.1	0.12	<0.02	17	<0.1	<0.02	7.1



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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	
		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
2063681	Soil	3.41	6.26	21.62	94.2	67	13.3	3.6	773	1.29	1.4	0.9	0.6	1.5	14.4	0.54	0.23	0.33	23	0.11	0.048	
2063682	Soil	11.81	11.72	101.02	198.5	752	9.2	6.1	671	2.79	2.5	3.0	0.8	6.2	8.3	0.69	0.16	0.40	45	0.09	0.050	
2063683	Soil	5.42	20.65	66.44	85.1	529	13.8	2.7	117	1.26	0.8	5.9	0.3	1.5	8.9	1.12	0.18	0.57	26	0.04	0.044	
2063684	Soil	2.03	5.57	15.72	54.3	167	7.9	2.1	201	0.90	0.9	1.1	<0.2	0.3	6.1	0.17	0.13	0.25	18	0.04	0.055	
2063685	Soil	3.60	12.44	25.62	32.3	352	13.1	3.2	394	0.78	1.1	2.2	<0.2	0.2	6.1	0.44	0.17	0.52	17	0.03	0.042	
2063686	Soil	2.32	3.75	25.78	83.7	360	7.5	2.5	165	1.40	1.7	1.0	0.2	5.7	8.0	0.15	0.14	0.41	30	0.05	0.038	
2063687	Soil	3.85	5.20	30.06	211.1	187	15.4	6.1	668	2.07	1.6	1.3	<0.2	8.2	9.2	1.12	0.23	0.39	34	0.07	0.078	
2063688	Soil	2.84	11.82	11.98	25.0	86	8.0	1.0	69	0.44	0.6	0.9	<0.2	0.2	9.5	0.36	0.09	0.09	9	0.06	0.083	
2063689	Soil	5.26	8.06	31.71	114.3	113	15.2	3.3	196	1.32	1.4	2.0	0.4	1.7	8.2	0.25	0.20	0.32	22	0.06	0.045	
2063690	Soil	4.11	4.56	18.10	93.2	94	8.0	3.2	406	1.71	3.2	1.8	22.0	4.3	5.7	0.21	0.25	0.23	24	0.04	0.048	
2063691	Soil	4.54	10.92	44.84	269.2	445	20.4	7.2	2482	1.82	1.5	2.1	0.9	0.9	16.3	2.49	0.22	0.36	26	0.10	0.084	
2063692	Soil	5.09	8.32	35.23	112.1	151	16.7	5.2	280	2.37	2.2	1.8	<0.2	1.8	9.4	0.21	0.21	0.51	35	0.10	0.068	
2063693	Soil	5.38	7.03	26.46	96.1	347	10.1	4.0	205	1.85	3.7	1.8	<0.2	9.8	9.6	0.14	0.24	0.34	29	0.15	0.076	
2063694	Soil	4.01	3.81	26.35	82.4	427	5.1	2.9	213	1.42	2.2	1.7	0.3	6.5	11.7	0.20	0.16	0.26	21	0.17	0.077	
2063695	Soil	17.24	26.43	50.45	116.3	277	21.7	5.7	2029	0.82	0.9	1.9	<0.2	0.3	29.9	2.13	0.17	0.21	13	0.17	0.096	
2063696	Soil	1.81	12.84	21.06	78.3	69	12.1	6.6	395	2.21	2.7	3.3	0.4	18.5	37.3	0.07	0.22	0.48	42	0.35	0.104	
2063697	Soil	3.88	6.88	28.79	109.9	108	11.0	5.4	416	1.79	4.0	3.9	<0.2	15.1	14.8	0.18	0.34	0.34	28	0.25	0.094	
2063698	Soil	13.10	9.19	36.07	243.0	453	9.3	6.2	514	2.36	3.9	2.7	<0.2	2.9	11.0	0.33	0.19	0.58	41	0.10	0.041	
2063699	Soil	15.40	7.66	30.45	128.0	329	9.9	5.1	427	1.99	2.7	1.5	0.3	2.1	14.7	0.20	0.22	0.49	35	0.15	0.052	
2063700	Soil	17.74	10.55	30.03	127.5	375	12.9	5.2	321	1.98	2.0	3.4	0.4	2.5	20.0	0.35	0.15	0.61	36	0.20	0.037	
2063701	Soil	0.61	3.21	17.99	46.9	455	5.2	3.7	155	1.54	2.1	2.0	<0.2	15.1	9.8	0.11	0.10	0.31	27	0.10	0.059	
2063702	Soil	2.39	6.75	19.02	50.1	365	5.6	3.4	171	1.49	1.4	4.6	<0.2	3.1	11.8	0.07	0.12	0.42	26	0.14	0.073	
2063703	Soil	3.15	5.21	25.71	63.8	139	7.3	3.5	192	2.15	2.5	2.3	0.3	5.3	7.5	0.11	0.14	0.35	30	0.10	0.081	
2063704	Soil	2.48	5.09	22.84	60.1	417	6.6	3.1	159	1.69	1.7	2.7	0.3	4.3	8.1	0.13	0.14	0.38	28	0.06	0.036	
2063705	Soil	3.80	5.28	20.88	82.6	101	10.2	4.7	426	1.76	1.6	1.6	<0.2	2.3	10.0	0.10	0.23	0.44	32	0.07	0.058	
2063706	Soil	1.96	4.70	22.03	44.8	221	6.3	3.3	194	2.46	2.0	4.3	0.5	2.9	20.6	0.09	0.15	0.28	34	0.20	0.055	
2063707	Soil	3.58	3.36	36.00	73.5	77	10.0	3.1	196	1.98	2.1	1.9	1.6	10.3	8.3	0.09	0.16	0.28	46	0.07	0.030	
2063708	Soil	3.02	6.43	49.64	139.7	296	15.3	5.3	372	3.20	4.9	2.7	1.2	5.1	9.5	0.22	0.27	0.40	47	0.08	0.069	
2063709	Soil	1.89	5.14	31.21	139.0	317	6.4	4.0	305	2.03	2.7	5.4	0.3	6.4	8.6	0.30	0.15	0.30	30	0.15	0.105	
2063710	Soil	0.71	6.17	13.74	75.9	249	8.8	5.7	213	2.21	2.0	1.7	0.3	8.0	31.1	0.20	0.09	0.40	40	0.21	0.088	



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Method	Analyte	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	
		MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	
2063681	Soil	19.1	23.3	0.19	112.8	0.056	<20	0.61	0.008	0.12	1.0	1.6	0.15	<0.02	28	<0.1	<0.02	5.6	
2063682	Soil	22.6	19.7	0.17	106.0	0.053	<20	1.58	0.004	0.07	9.5	2.6	0.18	0.02	35	<0.1	<0.02	11.1	
2063683	Soil	29.9	26.6	0.04	122.6	0.053	<20	0.89	0.005	0.04	0.1	1.7	0.11	0.03	48	<0.1	<0.02	6.1	
2063684	Soil	16.3	15.0	0.10	51.5	0.023	<20	0.66	0.008	0.06	0.2	1.0	0.10	0.03	24	<0.1	<0.02	5.0	
2063685	Soil	10.6	22.6	0.05	40.6	0.023	<20	0.50	0.009	0.05	0.2	0.8	0.07	0.04	19	<0.1	<0.02	3.0	
2063686	Soil	23.9	16.9	0.16	50.0	0.107	<20	0.83	0.004	0.05	0.2	1.8	0.08	<0.02	15	<0.1	<0.02	8.2	
2063687	Soil	23.4	28.8	0.22	110.9	0.104	<20	0.95	0.005	0.09	0.5	2.3	0.14	<0.02	27	<0.1	<0.02	7.9	
2063688	Soil	4.0	13.8	0.02	55.1	0.001	<20	0.27	0.014	0.03	0.1	0.7	0.04	0.02	31	<0.1	<0.02	1.6	
2063689	Soil	30.3	28.5	0.17	67.5	0.047	<20	0.79	0.004	0.07	0.4	1.6	0.10	<0.02	<5	<0.1	<0.02	6.6	
2063690	Soil	30.5	13.3	0.17	76.7	0.033	<20	0.75	0.005	0.08	0.4	1.8	0.15	<0.02	12	<0.1	<0.02	5.4	
2063691	Soil	24.7	36.5	0.17	177.3	0.035	<20	0.94	0.005	0.09	0.2	1.3	0.17	0.03	19	<0.1	<0.02	6.3	
2063692	Soil	30.6	29.6	0.31	94.2	0.038	<20	1.27	0.008	0.13	0.5	2.0	0.18	<0.02	23	<0.1	<0.02	8.0	
2063693	Soil	33.1	16.8	0.30	73.2	0.055	<20	1.38	0.006	0.09	0.6	2.7	0.13	<0.02	19	<0.1	<0.02	5.4	
2063694	Soil	30.3	9.3	0.20	61.9	0.035	<20	1.17	0.006	0.07	0.4	2.0	0.10	<0.02	20	<0.1	<0.02	4.6	
2063695	Soil	13.6	34.1	0.05	366.4	0.010	<20	0.50	0.009	0.06	1.3	0.8	0.14	0.06	57	<0.1	<0.02	2.6	
2063696	Soil	49.8	18.2	0.48	135.7	0.135	<20	1.49	0.014	0.33	0.3	4.7	0.30	<0.02	<5	<0.1	<0.02	6.4	
2063697	Soil	42.7	16.8	0.31	69.5	0.069	<20	1.00	0.007	0.17	0.5	2.9	0.17	<0.02	<5	<0.1	<0.02	4.5	
2063698	Soil	27.5	16.6	0.39	94.3	0.076	<20	1.63	0.006	0.12	0.4	2.4	0.17	<0.02	25	<0.1	<0.02	8.5	
2063699	Soil	23.6	17.2	0.33	72.9	0.064	<20	1.26	0.005	0.11	0.4	2.2	0.16	<0.02	18	<0.1	<0.02	6.7	
2063700	Soil	28.8	21.8	0.37	110.1	0.064	<20	1.52	0.006	0.16	0.3	2.6	0.18	<0.02	13	<0.1	<0.02	8.0	
2063701	Soil	34.0	10.9	0.22	50.8	0.062	<20	1.52	0.008	0.09	0.6	3.0	0.13	<0.02	31	<0.1	<0.02	4.8	
2063702	Soil	30.8	10.1	0.23	54.4	0.047	<20	1.69	0.007	0.09	1.1	1.9	0.17	0.03	37	<0.1	<0.02	5.9	
2063703	Soil	27.8	13.4	0.26	41.8	0.052	<20	1.33	0.005	0.09	0.4	1.9	0.13	0.02	28	0.3	<0.02	7.3	
2063704	Soil	25.4	12.6	0.24	43.8	0.054	<20	1.50	0.004	0.07	0.4	2.1	0.13	<0.02	39	<0.1	<0.02	6.8	
2063705	Soil	22.3	20.7	0.26	46.6	0.077	<20	0.93	0.006	0.12	2.1	2.0	0.14	0.03	8	<0.1	<0.02	7.4	
2063706	Soil	31.1	14.0	0.26	51.1	0.028	<20	1.82	0.004	0.05	0.2	2.1	0.11	0.03	20	<0.1	<0.02	9.0	
2063707	Soil	38.5	21.4	0.22	58.9	0.089	<20	1.47	0.003	0.05	0.2	2.9	0.13	<0.02	15	<0.1	<0.02	12.3	
2063708	Soil	18.9	32.8	0.31	74.4	0.140	<20	1.83	0.005	0.06	0.2	2.7	0.13	<0.02	37	0.4	<0.02	9.6	
2063709	Soil	29.3	13.3	0.26	56.1	0.059	<20	2.28	0.005	0.09	0.7	2.9	0.14	0.02	91	0.1	<0.02	6.5	
2063710	Soil	29.8	12.2	0.45	74.7	0.110	<20	1.97	0.008	0.15	0.4	3.2	0.18	<0.02	33	0.2	<0.02	7.1	



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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
2063711	Soil	3.79	6.23	20.79	100.6	215	8.5	5.4	281	2.25	1.8	1.8	<0.2	10.8	17.6	0.22	0.11	0.47	43	0.13	0.062
2063712	Soil	4.30	7.26	30.95	143.5	230	7.3	6.0	330	2.45	2.2	1.9	3.9	8.6	21.6	0.35	0.12	0.47	44	0.17	0.079
2063713	Soil	2.32	5.39	30.82	104.2	145	8.3	5.1	240	2.02	1.7	1.5	0.5	13.2	19.0	0.21	0.11	0.37	37	0.18	0.073
2063714	Soil	3.23	5.61	26.41	125.2	281	7.6	4.6	227	2.21	1.6	1.0	0.3	7.0	11.0	0.24	0.13	0.52	39	0.07	0.068
2063715	Soil	2.85	5.16	30.80	149.3	169	7.9	5.1	376	2.15	2.0	1.5	0.3	10.7	13.7	0.30	0.12	0.39	35	0.13	0.086
2063716	Soil	1.06	4.25	20.82	86.9	64	6.5	3.8	157	2.07	1.5	0.5	<0.2	7.8	10.5	0.11	0.17	0.42	39	0.07	0.026
2063717	Soil	2.99	6.04	21.59	64.4	103	11.9	4.6	205	2.26	2.0	1.0	2.1	8.7	17.7	0.14	0.20	0.61	41	0.12	0.027
2063718	Soil	2.68	13.93	28.72	75.0	386	9.2	4.8	355	1.67	2.1	7.9	1.4	8.4	44.1	0.09	0.17	0.55	27	0.50	0.070
2063719	Soil	5.23	16.70	18.60	75.3	120	7.9	5.2	439	1.44	1.2	10.7	1.6	4.7	40.4	0.18	0.11	0.36	29	0.35	0.054
2063720	Soil	12.55	45.67	29.76	117.8	344	8.6	6.7	742	2.27	1.1	18.4	1.1	14.1	47.3	0.55	0.21	0.68	44	0.41	0.032
2063721	Soil	2.26	5.74	17.05	71.9	209	8.9	4.0	199	2.26	2.2	0.8	0.3	5.2	27.8	0.13	0.24	0.45	44	0.21	0.023
2063722	Soil	3.83	9.21	17.43	53.9	98	7.6	4.6	321	1.79	1.2	1.9	1.8	3.6	22.1	0.10	0.12	0.35	34	0.18	0.033
2063723	Soil	10.75	9.67	40.32	79.2	196	14.9	8.2	765	2.37	0.9	4.8	0.5	5.4	26.2	0.21	0.14	0.49	44	0.21	0.032
2063724	Soil	2.74	4.07	13.88	45.4	44	8.8	3.3	147	1.48	0.4	0.7	0.9	4.4	12.8	0.10	0.10	1.12	35	0.07	0.019
2063725	Soil	0.93	5.34	13.97	94.9	63	9.5	4.4	166	2.20	2.0	0.7	0.9	6.0	9.9	0.29	0.23	0.43	43	0.06	0.064
2063726	Soil	1.71	7.68	16.37	61.8	198	8.1	4.1	173	2.05	3.4	1.2	0.8	3.8	27.2	0.17	0.20	2.55	35	0.11	0.031
2063727	Soil	1.21	6.93	15.40	40.7	323	7.0	3.0	108	1.62	3.0	1.1	0.4	3.8	24.0	0.12	0.15	2.67	23	0.12	0.042
2063728	Soil	6.95	48.20	22.37	102.4	179	42.2	16.1	404	4.80	1.4	6.1	0.6	9.4	180.9	0.12	0.19	1.61	50	0.42	0.031
2063729	Soil	4.54	51.92	21.12	867.5	1154	28.2	7.9	346	2.22	3.6	48.0	2.1	2.1	151.6	2.26	0.62	1.75	29	1.18	0.088
2063730	Soil	7.48	34.78	12.36	363.9	492	14.9	5.2	192	3.63	1.3	14.5	0.6	2.1	87.2	1.22	0.28	1.03	38	0.80	0.052
2063731	Soil	2.70	69.44	19.97	140.3	252	23.3	9.2	321	6.53	2.4	1.6	5.0	9.3	64.7	0.28	0.29	42.82	40	0.32	0.060
2063732	Soil	3.84	24.70	44.19	3093.9	2601	13.8	6.2	545	1.98	13.2	47.3	1.4	1.7	102.2	3.05	1.10	4.19	26	1.17	0.103
2063733	Soil	2.32	28.28	18.24	474.3	862	18.2	6.6	256	2.11	4.6	17.2	1.3	2.4	102.2	1.73	0.41	2.13	25	1.08	0.088
2063734	Soil	1.57	9.86	24.61	104.4	238	10.1	6.0	438	2.29	1.8	1.4	0.4	7.0	394.3	0.56	0.14	0.85	38	0.47	0.078
2063735	Soil	1.59	7.25	17.06	94.7	55	11.2	4.9	199	2.54	2.1	0.7	2.5	3.8	238.7	0.23	0.14	1.20	43	0.36	0.037
2063736	Soil	1.25	8.08	14.32	86.9	182	9.6	5.4	196	2.93	2.5	1.2	0.3	10.1	38.5	0.23	0.19	1.06	44	0.11	0.068
2063737	Soil	1.10	5.94	12.11	53.3	181	10.9	4.2	147	2.05	1.9	1.0	0.6	5.5	56.4	0.22	0.14	0.50	39	0.13	0.063
2063738	Soil	0.87	4.73	9.31	61.2	109	7.9	3.6	150	1.68	1.6	1.1	<0.2	7.4	27.1	0.20	0.12	0.59	28	0.16	0.040
2063739	Soil	3.58	17.41	22.11	156.2	107	16.2	8.9	555	2.16	2.5	6.8	0.9	2.3	101.5	0.67	0.13	2.72	28	0.65	0.056
2063740	Soil	2.36	27.54	20.82	145.0	101	37.6	11.9	327	3.94	3.6	3.2	0.8	10.5	248.1	0.24	0.21	1.45	42	0.50	0.034



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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
2063711	Soil	31.7	14.9	0.44	89.1	0.106	<20	1.79	0.007	0.14	0.7	3.4	0.20	<0.02	27	<0.1	<0.02	8.1
2063712	Soil	34.4	12.1	0.46	67.1	0.113	<20	1.65	0.007	0.15	1.4	3.2	0.17	<0.02	20	<0.1	<0.02	7.8
2063713	Soil	33.4	13.1	0.42	79.7	0.100	<20	1.70	0.007	0.12	0.4	3.2	0.17	<0.02	14	<0.1	<0.02	6.4
2063714	Soil	23.6	13.4	0.36	64.2	0.098	<20	1.55	0.005	0.10	0.5	2.9	0.14	<0.02	24	<0.1	<0.02	8.6
2063715	Soil	32.6	13.4	0.38	75.3	0.081	<20	1.54	0.006	0.13	0.4	3.1	0.17	<0.02	19	<0.1	<0.02	6.6
2063716	Soil	20.4	12.3	0.29	49.8	0.097	<20	1.02	0.005	0.08	0.2	2.2	0.10	<0.02	7	<0.1	<0.02	7.4
2063717	Soil	24.9	19.1	0.39	65.1	0.096	<20	1.29	0.007	0.12	0.4	2.7	0.15	<0.02	10	<0.1	0.04	6.8
2063718	Soil	36.2	14.5	0.38	94.1	0.060	<20	1.43	0.008	0.12	0.9	2.9	0.15	<0.02	17	<0.1	0.04	4.8
2063719	Soil	35.7	13.3	0.33	76.0	0.086	<20	0.88	0.007	0.10	1.4	2.6	0.15	<0.02	7	<0.1	<0.02	5.2
2063720	Soil	44.1	14.4	0.36	116.5	0.083	<20	1.27	0.008	0.11	0.7	3.9	0.20	<0.02	9	<0.1	<0.02	7.2
2063721	Soil	16.1	16.3	0.26	164.8	0.084	<20	0.92	0.004	0.11	0.3	1.9	0.11	<0.02	11	<0.1	0.03	6.7
2063722	Soil	25.1	12.1	0.36	56.6	0.070	<20	1.19	0.005	0.15	0.7	2.1	0.16	<0.02	10	<0.1	<0.02	6.2
2063723	Soil	32.4	25.6	0.39	80.6	0.087	<20	1.28	0.006	0.12	0.6	2.3	0.13	<0.02	14	<0.1	<0.02	7.1
2063724	Soil	20.4	15.5	0.29	66.3	0.095	<20	0.73	0.006	0.15	1.4	2.2	0.17	<0.02	20	<0.1	<0.02	7.1
2063725	Soil	18.0	16.7	0.29	100.5	0.090	<20	0.91	0.004	0.09	0.5	1.9	0.11	<0.02	8	<0.1	0.03	7.5
2063726	Soil	23.0	14.9	0.29	50.1	0.067	<20	1.28	0.006	0.11	1.0	2.0	0.15	0.03	12	<0.1	0.04	6.1
2063727	Soil	24.6	14.0	0.22	43.6	0.050	<20	1.31	0.005	0.07	0.8	1.8	0.13	0.03	15	<0.1	<0.02	4.9
2063728	Soil	32.4	63.9	1.12	174.6	0.161	<20	2.91	0.016	0.62	0.7	6.3	0.42	<0.02	13	<0.1	0.03	10.9
2063729	Soil	35.4	46.7	0.61	124.8	0.067	<20	1.93	0.024	0.15	1.5	2.6	0.22	0.11	42	0.4	<0.02	5.2
2063730	Soil	20.0	39.5	0.63	138.9	0.175	<20	1.81	0.015	0.44	0.3	4.0	0.32	0.15	36	<0.1	<0.02	8.1
2063731	Soil	17.2	48.7	0.53	86.5	0.118	<20	2.77	0.018	0.28	41.5	4.5	0.23	0.06	30	<0.1	0.62	9.8
2063732	Soil	42.5	18.3	0.40	109.8	0.040	<20	1.55	0.008	0.11	3.1	2.4	0.15	0.08	42	<0.1	<0.02	5.2
2063733	Soil	27.7	26.7	0.44	77.6	0.049	<20	1.73	0.010	0.12	1.0	2.9	0.16	0.08	23	0.3	<0.02	4.8
2063734	Soil	29.2	14.1	0.47	100.8	0.094	<20	1.80	0.019	0.23	1.3	3.2	0.24	<0.02	21	<0.1	0.04	7.8
2063735	Soil	19.7	21.0	0.44	116.6	0.075	<20	1.50	0.006	0.24	2.6	2.8	0.19	<0.02	15	<0.1	<0.02	8.6
2063736	Soil	25.9	19.8	0.41	64.6	0.103	<20	1.76	0.007	0.11	5.6	3.2	0.14	<0.02	34	<0.1	<0.02	9.3
2063737	Soil	25.0	18.7	0.32	84.9	0.098	<20	1.66	0.006	0.11	0.8	2.5	0.12	<0.02	37	<0.1	<0.02	7.8
2063738	Soil	25.8	13.3	0.31	45.1	0.080	<20	1.15	0.005	0.09	0.7	2.0	0.10	<0.02	12	<0.1	<0.02	5.2
2063739	Soil	30.0	20.2	0.34	87.4	0.054	<20	1.58	0.017	0.08	0.9	2.6	0.12	0.04	18	<0.1	<0.02	6.5
2063740	Soil	29.8	51.5	0.87	148.6	0.144	<20	2.99	0.029	0.54	1.0	6.2	0.38	<0.02	9	<0.1	0.04	9.2

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 Unit MDL	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
2063741	Soil	1.12	12.25	14.41	88.2	160	12.8	4.6	203	1.46	2.6	3.1	0.6	11.8	63.6	0.17	0.12	1.41	21	0.34	0.069
2063742	Soil	1.22	9.22	30.81	112.4	126	9.3	6.2	239	2.35	7.7	1.6	0.4	7.1	25.9	0.76	0.31	1.31	37	0.16	0.056
2063743	Soil	1.10	8.40	20.36	89.6	154	10.2	5.4	273	2.43	5.6	2.3	<0.2	3.9	19.4	0.50	0.23	1.16	36	0.12	0.182
2063744	Soil	0.73	6.41	17.24	78.2	262	7.1	4.2	161	1.98	4.6	1.6	0.2	7.4	11.3	0.33	0.21	0.71	33	0.13	0.115
2063745	Soil	1.20	8.03	33.50	77.0	811	6.7	4.0	178	2.25	7.0	3.0	0.6	5.7	11.2	0.32	0.36	1.60	39	0.10	0.061
2063746	Soil	6.22	23.91	32.56	236.3	937	21.5	8.2	380	2.29	8.1	6.4	1.8	3.9	37.7	0.37	0.29	1.58	25	0.40	0.095
2063747	Soil	3.29	31.33	28.85	186.4	145	21.1	11.8	340	2.87	9.8	3.4	0.6	12.2	25.6	0.38	0.46	1.33	30	0.35	0.069
2063748	Soil	2.29	11.19	14.43	147.4	73	10.0	3.4	142	1.35	2.2	2.1	<0.2	1.5	24.1	0.90	0.10	0.81	24	0.26	0.076
2063749	Soil	2.01	19.28	14.14	265.2	55	13.1	6.7	292	2.21	5.0	1.3	0.4	3.6	16.8	1.85	0.46	2.27	28	0.08	0.035
2063750	Soil	2.44	14.48	13.75	778.7	523	6.9	3.9	292	1.29	2.4	43.5	<0.2	2.5	106.0	0.76	0.35	1.03	21	1.28	0.076
2063751	Soil	2.70	21.71	12.57	67.9	584	10.2	6.5	165	1.51	2.0	11.6	0.8	1.0	62.0	0.32	0.20	2.00	18	0.52	0.084
2063752	Soil	3.48	26.07	15.22	142.2	919	13.2	7.3	206	2.14	2.0	15.4	0.5	1.9	74.8	0.45	0.19	1.38	22	0.63	0.088
2063753	Soil	2.43	24.18	11.45	126.0	230	22.3	6.4	281	2.32	2.0	10.6	0.9	7.8	170.4	0.32	0.18	1.49	31	0.73	0.075
2063754	Soil	2.05	18.75	19.59	115.1	171	24.7	7.6	278	3.03	3.3	1.3	3.8	7.4	252.3	0.75	0.34	3.28	48	0.38	0.050
2063755	Soil	2.55	15.32	12.18	139.8	75	19.3	7.9	285	2.93	1.8	1.2	0.7	6.8	111.9	0.49	0.21	3.15	46	0.36	0.025
2063756	Soil	1.46	7.40	13.82	179.5	361	7.3	4.8	600	2.27	1.2	0.8	<0.2	6.1	36.7	1.25	0.13	0.96	45	0.14	0.031
2063757	Soil	0.69	5.34	10.20	86.1	380	6.2	4.3	207	2.06	1.4	1.0	<0.2	9.9	41.0	0.60	0.10	0.71	37	0.13	0.036
2063758	Soil	0.76	6.84	19.50	98.6	285	7.4	4.9	239	2.37	4.4	1.0	<0.2	7.0	56.2	0.67	0.17	1.03	39	0.14	0.025
2063759	Soil	1.08	6.05	11.50	114.0	83	7.6	5.2	249	1.97	2.6	1.1	1.2	7.9	29.6	0.46	0.14	3.70	37	0.11	0.045
2063760	Soil	3.11	26.31	19.47	105.6	109	23.0	11.0	304	2.73	7.6	2.1	1.9	10.1	44.5	0.25	0.43	4.82	27	0.22	0.053
2063761	Soil	1.44	4.19	11.16	57.2	91	3.3	2.8	168	1.31	0.6	1.6	<0.2	2.2	16.5	0.26	0.08	0.38	27	0.07	0.022
2063762	Soil	2.79	21.71	36.22	3160.0	383	14.3	7.5	497	2.55	14.1	29.6	0.4	3.7	44.0	1.49	0.38	3.59	36	0.47	0.092
2063763	Soil	1.27	6.05	14.77	71.5	103	4.4	3.7	129	1.75	1.0	1.9	<0.2	4.0	45.4	1.02	0.12	0.67	39	0.13	0.035
2063764	Soil	1.87	7.82	13.25	113.2	103	5.5	4.6	441	1.83	1.1	2.0	<0.2	1.5	41.6	0.59	0.12	0.66	38	0.26	0.040
2063765	Soil	1.57	18.46	18.55	151.2	149	7.1	6.0	792	1.45	0.6	5.0	<0.2	1.0	71.2	2.36	0.09	0.71	29	0.32	0.057
2063766	Soil	0.66	3.38	7.13	54.1	55	3.4	2.6	116	1.41	0.8	0.6	<0.2	1.0	32.5	0.30	0.10	0.37	27	0.17	0.043
2063767	Soil	3.22	22.72	22.63	176.5	79	15.6	7.6	531	2.41	2.9	11.3	<0.2	4.9	58.0	0.43	0.12	2.59	35	0.31	0.084
2063768	Soil	1.82	16.19	16.11	117.2	219	8.8	5.6	591	1.56	0.9	4.1	<0.2	1.8	56.9	1.37	0.08	1.96	31	0.40	0.047
2063769	Soil	2.37	27.86	24.30	220.7	279	16.8	9.7	1265	2.10	1.6	4.8	0.3	1.2	73.2	1.85	0.13	5.70	34	0.50	0.077
2063770	Soil	1.22	17.84	14.90	156.1	155	16.9	5.5	411	2.00	1.5	4.0	0.4	3.0	71.0	0.56	0.10	3.93	38	0.39	0.044



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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	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
2063741	Soil	39.9	12.6	0.32	49.7	0.074	<20	0.99	0.010	0.12	1.5	2.7	0.13	<0.02	9	<0.1	<0.02	4.1
2063742	Soil	30.0	15.0	0.30	51.9	0.078	<20	1.23	0.006	0.12	1.3	2.5	0.11	0.02	12	<0.1	<0.02	5.7
2063743	Soil	20.0	16.8	0.35	55.3	0.074	<20	1.61	0.006	0.13	1.5	2.3	0.12	<0.02	24	<0.1	<0.02	7.5
2063744	Soil	21.5	13.0	0.27	48.6	0.080	<20	0.91	0.005	0.13	2.1	2.2	0.14	<0.02	22	<0.1	<0.02	6.4
2063745	Soil	26.3	13.5	0.18	34.4	0.060	<20	1.64	0.005	0.10	3.4	2.3	0.12	0.02	42	0.1	<0.02	8.8
2063746	Soil	37.0	18.7	0.37	117.5	0.042	<20	1.91	0.006	0.11	1.2	3.4	0.25	0.05	36	0.2	<0.02	5.9
2063747	Soil	43.9	28.1	0.55	57.1	0.089	<20	1.48	0.006	0.19	0.7	4.3	0.17	<0.02	6	<0.1	<0.02	5.3
2063748	Soil	23.8	15.5	0.29	65.5	0.037	<20	1.11	0.005	0.06	0.6	1.8	0.12	0.03	12	<0.1	<0.02	5.5
2063749	Soil	21.5	21.1	0.44	43.3	0.069	<20	1.32	0.004	0.14	4.8	2.6	0.14	0.02	<5	<0.1	0.04	6.1
2063750	Soil	35.5	9.2	0.29	82.7	0.047	<20	1.01	0.008	0.10	0.5	2.0	0.14	0.07	21	<0.1	<0.02	4.1
2063751	Soil	29.3	11.4	0.26	60.8	0.039	<20	1.25	0.015	0.08	0.5	1.7	0.13	0.09	42	<0.1	<0.02	4.8
2063752	Soil	29.7	16.0	0.37	75.7	0.044	<20	1.53	0.012	0.11	0.7	2.2	0.14	0.10	33	0.4	<0.02	5.2
2063753	Soil	38.5	28.1	0.55	97.8	0.059	<20	2.05	0.036	0.19	1.2	3.9	0.21	<0.02	19	0.2	0.03	6.8
2063754	Soil	23.9	32.5	0.49	124.5	0.124	<20	1.82	0.016	0.28	3.2	3.2	0.26	<0.02	14	0.1	0.10	11.3
2063755	Soil	23.2	30.2	0.51	152.8	0.082	<20	1.94	0.019	0.19	2.8	3.2	0.14	0.02	24	0.1	0.11	10.6
2063756	Soil	18.7	15.0	0.26	62.2	0.112	<20	0.89	0.007	0.11	1.8	1.7	0.10	<0.02	10	<0.1	0.02	7.8
2063757	Soil	26.6	9.8	0.40	57.8	0.083	<20	1.46	0.010	0.14	1.3	2.4	0.14	<0.02	24	<0.1	<0.02	7.7
2063758	Soil	24.7	11.3	0.45	54.4	0.070	<20	1.70	0.010	0.19	3.0	2.6	0.20	<0.02	23	0.1	0.03	8.1
2063759	Soil	22.6	12.9	0.34	55.4	0.073	<20	1.16	0.008	0.11	1.1	2.1	0.12	<0.02	13	<0.1	0.04	6.9
2063760	Soil	26.1	22.1	0.41	51.3	0.053	<20	1.56	0.010	0.19	4.1	2.5	0.17	0.02	12	0.2	0.08	4.9
2063761	Soil	25.1	5.8	0.22	50.4	0.051	<20	0.90	0.007	0.09	0.7	1.3	0.11	<0.02	13	<0.1	<0.02	6.0
2063762	Soil	43.6	17.0	0.47	77.6	0.048	<20	1.98	0.009	0.13	1.7	2.6	0.16	0.04	15	0.4	0.04	7.2
2063763	Soil	22.9	7.5	0.24	60.3	0.079	<20	0.91	0.008	0.14	0.8	1.6	0.12	0.02	14	<0.1	<0.02	7.5
2063764	Soil	22.3	8.7	0.29	74.3	0.069	<20	0.93	0.008	0.15	1.5	1.4	0.13	0.02	12	<0.1	<0.02	7.1
2063765	Soil	28.4	7.3	0.24	122.4	0.051	<20	0.95	0.009	0.16	1.2	1.3	0.13	0.03	19	0.1	<0.02	6.6
2063766	Soil	17.4	6.5	0.17	46.6	0.043	<20	0.61	0.006	0.11	0.5	0.8	0.08	<0.02	13	<0.1	<0.02	4.9
2063767	Soil	46.1	17.0	0.44	86.2	0.061	<20	1.78	0.009	0.13	1.9	3.3	0.16	0.02	14	0.3	0.04	7.1
2063768	Soil	30.8	9.0	0.33	62.3	0.054	<20	0.97	0.009	0.14	2.1	1.5	0.13	0.03	12	0.1	0.02	6.0
2063769	Soil	31.9	15.0	0.41	76.0	0.044	<20	1.20	0.010	0.14	4.3	1.8	0.17	0.05	18	0.1	0.06	6.5
2063770	Soil	31.2	21.9	0.55	64.4	0.073	<20	1.36	0.010	0.15	3.2	2.4	0.16	0.02	9	0.2	0.03	7.0



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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	
	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	
2063771	Soil	1.01	8.35	16.13	164.0	227	6.5	3.8	244	1.61	1.2	1.6	<0.2	3.7	86.2	0.72	0.09	1.31	34	0.39	0.027
2063772	Soil	1.46	14.65	17.52	158.9	180	15.0	8.0	1208	2.91	5.5	4.9	1.9	7.5	247.7	0.75	0.20	5.28	30	0.89	0.042
2063773	Soil	0.76	4.74	9.33	73.6	62	2.9	1.6	156	1.06	1.1	0.5	<0.2	1.4	27.1	0.81	0.12	1.51	35	0.12	0.019
2063774	Soil	4.48	11.88	21.27	68.1	95	8.0	3.5	269	2.21	6.6	1.0	<0.2	4.1	15.7	0.55	0.52	2.16	56	0.05	0.026
2063775	Soil	0.76	5.11	12.45	121.5	59	3.8	3.8	162	1.92	1.7	1.0	<0.2	9.5	129.5	0.32	0.19	0.53	35	0.11	0.029
2063776	Soil	0.60	5.25	22.16	126.8	139	5.8	3.6	183	2.22	5.0	0.8	<0.2	8.6	51.6	0.47	0.30	0.70	41	0.08	0.037
2063777	Soil	0.42	3.63	10.42	96.2	30	3.8	2.9	163	1.46	1.0	0.6	<0.2	6.4	72.1	0.37	0.12	0.92	29	0.22	0.076
2063778	Soil	0.49	4.12	13.00	187.1	93	5.7	4.5	249	1.90	1.8	0.7	<0.2	6.4	65.5	0.60	0.13	0.51	36	0.18	0.060
2063779	Soil	0.51	4.18	9.17	85.5	80	5.5	3.7	167	2.06	1.7	0.7	<0.2	9.7	45.1	0.30	0.13	0.43	43	0.13	0.093
2063780	Soil	0.57	5.61	10.12	73.1	262	9.7	4.3	178	1.84	1.8	1.3	<0.2	3.5	29.3	0.40	0.10	0.92	32	0.13	0.055
2063781	Soil	0.78	5.84	10.44	77.9	416	5.8	3.6	278	1.68	1.6	1.1	<0.2	1.9	37.4	0.19	0.11	0.56	35	0.16	0.031
2063782	Soil	1.29	11.23	30.13	118.2	256	5.9	4.6	818	1.62	1.0	3.1	<0.2	0.8	57.8	1.07	0.11	0.98	29	0.37	0.042
2063783	Soil	2.06	19.80	20.81	202.0	121	12.6	5.6	366	2.21	2.4	7.9	<0.2	2.4	58.9	0.61	0.11	2.37	36	0.33	0.050
2063784	Soil	0.36	3.63	8.93	56.0	48	3.6	3.1	128	1.70	1.0	0.7	<0.2	7.6	27.6	0.32	0.06	0.46	35	0.11	0.062
2063785	Soil	14.77	26.64	67.72	219.2	352	19.3	17.3	553	3.78	9.5	1.3	<0.2	8.7	26.1	0.32	0.39	0.40	43	0.23	0.036
2063786	Soil	4.87	15.83	37.08	123.6	2100	22.2	7.5	260	2.51	3.4	1.4	<0.2	6.4	19.0	0.17	0.26	1.02	46	0.13	0.038
2063787	Soil	10.75	34.64	43.56	174.3	1757	21.2	7.4	283	3.02	3.7	2.8	<0.2	0.9	24.0	0.48	0.23	1.23	65	0.12	0.049
2063788	Soil	9.69	23.96	45.12	266.0	1149	20.7	8.2	409	3.04	2.7	1.8	<0.2	0.9	17.2	0.79	0.27	1.17	75	0.10	0.039
2063789	Soil	10.29	13.57	66.95	362.6	273	16.1	8.0	308	2.64	3.0	1.2	3.0	1.5	12.6	2.54	0.35	0.84	43	0.07	0.041
2063790	Soil	14.29	42.84	89.29	578.5	952	38.3	28.6	1294	3.76	5.8	5.5	1.3	1.8	42.7	2.99	0.32	0.66	45	0.46	0.057
2063791	Soil	15.68	35.53	84.55	250.1	752	46.5	19.6	734	5.18	206.1	4.0	4.2	7.0	32.3	0.23	1.54	0.47	48	0.55	0.039
2063792	Soil	13.88	21.07	93.27	337.4	472	27.7	26.0	1025	3.66	4.4	1.7	0.5	1.7	31.7	2.18	0.24	0.51	51	0.40	0.049
2063793	Soil	12.99	21.99	138.68	188.8	1929	30.0	11.8	330	4.08	3.8	1.5	5.7	4.3	33.0	0.14	0.74	0.75	45	0.40	0.038
2063794	Soil	17.01	67.69	227.87	300.6	5506	56.4	20.1	1126	3.33	7.2	11.7	3.1	1.7	93.1	0.80	1.42	1.00	30	1.62	0.111
2063795	Soil	7.86	17.38	143.34	265.3	1422	18.8	8.9	271	2.35	2.6	1.4	0.3	4.0	30.5	0.73	0.44	0.62	32	0.40	0.028
2063796	Soil	9.36	42.05	232.38	391.7	3127	29.5	10.2	473	2.92	4.5	7.0	0.9	5.3	43.1	0.24	0.77	1.08	38	0.57	0.051
2063797	Soil	12.38	57.68	377.93	392.7	5429	42.9	16.0	962	3.37	5.0	11.3	1.7	3.2	57.4	0.46	0.92	1.39	41	0.76	0.060
2063798	Soil	4.84	33.09	100.68	255.2	3272	21.1	5.8	380	2.04	4.8	6.0	0.7	1.9	59.5	0.51	0.52	1.63	27	0.73	0.057
2063799	Soil	2.23	20.02	206.72	339.6	1995	8.7	3.6	262	1.48	1.4	3.8	0.5	1.2	29.6	0.77	0.41	0.48	27	0.27	0.040
2063800	Soil	1.98	18.03	192.51	330.7	2244	8.9	4.8	443	1.58	2.8	3.9	0.3	3.3	31.9	0.74	0.56	0.42	26	0.41	0.082



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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	0.1	0.01	0.02	0.02	5	0.1	0.02	0.1
2063771	Soil	23.4	9.8	0.40	52.9	0.068	<20	1.11	0.011	0.12	1.6	2.1	0.12	<0.02	10	<0.1	<0.02	7.1	
2063772	Soil	30.4	21.6	0.53	81.1	0.065	<20	2.00	0.034	0.23	1.8	3.3	0.17	0.03	14	0.2	0.15	7.0	
2063773	Soil	19.6	6.8	0.08	33.8	0.053	<20	0.48	0.005	0.05	1.1	0.7	0.05	<0.02	11	<0.1	0.03	7.7	
2063774	Soil	21.9	16.1	0.12	50.3	0.090	<20	0.85	0.004	0.10	1.4	1.5	0.13	<0.02	9	0.1	0.04	8.9	
2063775	Soil	27.2	6.3	0.32	83.1	0.051	<20	1.49	0.008	0.10	1.8	2.2	0.13	<0.02	9	<0.1	0.03	7.6	
2063776	Soil	23.9	10.6	0.28	54.4	0.062	<20	1.23	0.009	0.11	0.5	2.1	0.14	<0.02	16	<0.1	<0.02	8.3	
2063777	Soil	22.1	7.1	0.23	92.8	0.084	<20	0.96	0.011	0.15	0.5	1.8	0.14	<0.02	15	<0.1	<0.02	7.7	
2063778	Soil	22.9	9.8	0.36	81.8	0.078	<20	1.14	0.009	0.13	0.9	2.3	0.14	<0.02	9	<0.1	<0.02	7.8	
2063779	Soil	26.0	10.3	0.32	57.3	0.084	<20	1.09	0.008	0.08	2.2	2.0	0.10	<0.02	11	<0.1	<0.02	8.6	
2063780	Soil	27.0	15.2	0.40	71.8	0.061	<20	1.18	0.007	0.10	1.3	1.7	0.13	<0.02	14	0.1	<0.02	6.3	
2063781	Soil	22.6	10.8	0.28	35.9	0.058	<20	1.03	0.006	0.10	3.8	1.2	0.11	<0.02	6	<0.1	<0.02	6.7	
2063782	Soil	22.9	6.6	0.20	51.5	0.024	<20	0.88	0.006	0.09	35.2	0.7	0.09	0.03	<5	0.1	<0.02	5.7	
2063783	Soil	37.5	12.6	0.39	96.6	0.054	<20	1.53	0.009	0.13	1.7	2.3	0.15	0.03	12	<0.1	0.03	7.2	
2063784	Soil	24.9	6.3	0.28	61.4	0.071	<20	0.98	0.009	0.09	1.3	1.9	0.10	<0.02	10	<0.1	<0.02	6.5	
2063785	Soil	27.5	48.0	0.80	76.6	0.025	<20	2.07	0.004	0.33	0.2	3.3	0.19	<0.02	10	0.1	0.03	9.2	
2063786	Soil	25.3	20.0	0.53	75.1	0.110	<20	1.83	0.009	0.18	0.5	3.3	0.24	<0.02	18	0.1	<0.02	8.7	
2063787	Soil	18.1	23.1	0.42	133.3	0.069	<20	2.13	0.008	0.25	0.7	1.9	0.31	0.03	30	0.2	0.03	11.8	
2063788	Soil	16.8	21.6	0.41	111.3	0.095	<20	1.71	0.007	0.20	0.4	2.0	0.27	<0.02	20	<0.1	0.03	12.6	
2063789	Soil	17.0	26.3	0.30	107.0	0.095	<20	1.28	0.004	0.22	0.8	2.6	0.24	<0.02	21	<0.1	0.03	8.0	
2063790	Soil	20.6	39.5	0.58	132.3	0.090	<20	1.90	0.006	0.29	0.6	3.3	0.30	0.03	17	<0.1	0.03	9.3	
2063791	Soil	22.9	65.9	1.07	95.9	0.111	<20	2.45	0.008	0.40	0.5	7.3	0.36	<0.02	11	0.3	0.04	9.9	
2063792	Soil	15.1	42.5	0.60	167.5	0.116	<20	1.97	0.006	0.39	1.0	4.2	0.31	0.02	15	<0.1	0.04	10.6	
2063793	Soil	16.3	40.9	0.84	102.9	0.134	<20	2.24	0.005	0.40	0.7	5.4	0.50	<0.02	13	<0.1	0.05	9.4	
2063794	Soil	31.6	19.8	0.42	122.5	0.028	<20	2.22	0.009	0.19	0.8	2.6	0.27	0.10	67	0.7	0.06	6.8	
2063795	Soil	16.0	19.8	0.41	57.9	0.070	<20	1.32	0.006	0.19	0.7	2.8	0.26	<0.02	19	<0.1	0.02	6.9	
2063796	Soil	27.6	25.8	0.56	94.3	0.089	<20	1.71	0.007	0.27	0.8	4.0	0.37	0.02	20	0.2	0.04	7.6	
2063797	Soil	30.7	23.5	0.53	123.0	0.068	<20	1.91	0.009	0.25	1.0	3.5	0.37	0.04	28	0.5	0.04	8.3	
2063798	Soil	25.0	15.3	0.40	83.2	0.053	<20	1.29	0.007	0.13	2.1	2.2	0.21	0.05	28	0.4	0.04	5.8	
2063799	Soil	30.4	9.8	0.26	113.6	0.037	<20	1.23	0.007	0.12	0.6	1.6	0.16	<0.02	22	<0.1	<0.02	6.6	
2063800	Soil	34.8	9.2	0.29	102.1	0.042	<20	1.17	0.007	0.15	1.1	1.9	0.17	0.02	25	0.2	<0.02	5.4	



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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	MDL
2063801	Soil	1.83	7.42	145.01	294.6	1079	6.0	3.2	231	1.38	2.5	2.4	0.3	10.3	16.0	0.27	0.51	0.33	23	0.24	0.066	
2063802	Soil	8.61	59.76	868.84	477.6	10914	24.3	29.5	2398	3.11	3.8	8.7	0.5	1.8	43.5	2.11	1.14	0.96	41	0.46	0.094	
2063803	Soil	3.12	21.31	147.21	265.8	3253	11.3	4.7	221	1.82	2.8	2.5	0.3	4.3	22.1	0.49	0.87	0.55	35	0.20	0.029	
2063804	Soil	2.34	12.54	52.06	84.8	1156	8.1	3.5	109	1.18	1.7	1.7	<0.2	1.5	18.0	0.29	0.26	0.30	22	0.15	0.025	
2063805	Soil	5.01	31.88	123.69	160.9	1523	16.1	6.0	296	2.00	3.8	4.4	<0.2	2.1	28.0	0.50	0.50	0.54	35	0.26	0.044	
2063806	Soil	2.83	9.45	50.61	221.8	463	8.9	6.0	278	1.98	6.9	1.7	0.3	5.6	21.0	0.20	0.58	0.41	34	0.22	0.033	
2063807	Soil	2.80	8.84	22.36	100.5	241	9.7	4.6	196	1.62	1.8	1.4	<0.2	4.1	26.0	0.20	0.18	0.40	32	0.27	0.026	
2063808	Soil	2.76	10.32	22.86	90.3	315	9.1	4.2	206	1.64	2.4	1.7	1.0	4.5	25.8	0.11	0.20	0.40	32	0.31	0.053	
2063809	Soil	4.74	16.28	33.70	115.2	434	14.3	7.7	394	2.16	3.3	2.8	1.1	6.1	27.4	0.16	0.28	0.54	39	0.31	0.043	
2063810	Soil	7.85	23.69	37.62	140.7	594	19.4	9.2	455	2.45	4.6	4.8	0.6	4.9	34.1	0.30	0.48	0.56	36	0.46	0.072	
2063811	Soil	4.20	18.08	29.69	104.6	411	14.9	6.0	266	2.16	3.7	3.1	<0.2	3.9	23.2	0.15	0.32	0.48	36	0.28	0.049	
2063812	Soil	1.94	9.89	20.36	75.2	271	11.5	5.5	245	2.10	3.1	1.8	0.6	7.9	18.1	0.10	0.17	0.42	38	0.20	0.054	
2063813	Soil	10.45	49.53	42.06	135.7	868	24.4	11.5	384	2.13	2.0	7.5	<0.2	1.1	23.1	0.51	0.21	0.64	37	0.22	0.057	
2063814	Soil	16.08	68.57	59.12	262.3	2424	45.2	13.2	611	3.26	7.2	10.4	0.3	3.1	37.2	0.50	0.46	0.84	44	0.46	0.053	
2063815	Soil	35.15	75.41	107.01	274.1	2383	51.1	23.3	588	4.43	7.1	9.1	0.4	4.1	39.9	0.57	0.63	1.10	41	0.51	0.055	
2063816	Soil	26.70	73.29	46.29	231.6	1637	28.9	14.9	573	3.12	4.1	26.9	0.5	1.9	56.7	0.80	0.47	0.74	38	0.81	0.107	
2063817	Soil	14.82	18.97	20.52	233.7	513	12.1	5.4	610	2.00	2.5	10.7	0.7	2.1	27.8	0.37	0.15	0.54	31	0.41	0.106	
2063818	Soil	4.88	5.91	20.90	129.8	450	7.1	4.6	236	2.02	2.9	1.4	0.5	7.8	10.0	0.14	0.18	0.40	34	0.07	0.042	
2063819	Soil	7.30	6.91	21.90	65.1	691	5.1	3.3	160	1.54	1.5	1.2	0.7	3.5	9.7	0.12	0.18	0.40	29	0.05	0.046	
2063820	Soil	4.90	7.81	19.34	68.4	63	5.9	4.6	243	1.74	1.8	2.1	0.3	10.1	15.1	0.08	0.16	0.39	33	0.21	0.072	



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CERTIFICATE OF ANALYSIS

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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	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02
2063801	Soil	32.4	9.0	0.28	52.1	0.058	<20	0.88	0.007	0.13	2.7	2.0	0.16	<0.02	6	0.1	<0.02	4.1
2063802	Soil	31.9	15.6	0.31	188.1	0.040	<20	1.94	0.011	0.18	0.9	2.0	0.21	0.05	48	0.3	0.03	10.1
2063803	Soil	22.6	12.2	0.35	92.1	0.083	<20	1.32	0.007	0.18	0.6	2.7	0.26	<0.02	20	0.1	<0.02	7.6
2063804	Soil	19.5	9.9	0.25	65.9	0.053	<20	0.87	0.007	0.10	0.5	1.6	0.16	<0.02	16	0.1	<0.02	5.2
2063805	Soil	26.4	13.7	0.34	114.8	0.057	<20	1.40	0.008	0.13	0.5	2.1	0.18	0.02	15	<0.1	<0.02	7.7
2063806	Soil	24.4	14.5	0.40	74.8	0.090	<20	1.19	0.007	0.14	1.3	2.5	0.16	<0.02	10	<0.1	<0.02	5.6
2063807	Soil	23.8	14.0	0.40	92.8	0.098	<20	1.22	0.007	0.14	0.5	2.7	0.19	<0.02	8	0.1	<0.02	7.2
2063808	Soil	25.0	12.2	0.40	78.4	0.078	<20	1.18	0.008	0.10	0.6	2.4	0.16	<0.02	11	0.1	<0.02	5.7
2063809	Soil	29.5	16.3	0.46	103.5	0.092	<20	1.49	0.010	0.16	0.9	3.2	0.21	<0.02	13	<0.1	<0.02	7.3
2063810	Soil	30.2	20.2	0.47	99.9	0.066	<20	1.64	0.009	0.18	1.0	3.5	0.25	0.02	20	0.3	0.03	7.2
2063811	Soil	28.0	16.6	0.43	81.4	0.063	<20	1.59	0.007	0.13	0.8	2.7	0.21	<0.02	12	<0.1	<0.02	6.9
2063812	Soil	29.1	13.2	0.41	74.0	0.092	<20	1.56	0.009	0.14	1.1	2.8	0.20	<0.02	9	0.2	<0.02	6.9
2063813	Soil	26.4	16.3	0.38	97.9	0.053	<20	1.54	0.008	0.11	0.5	1.9	0.16	0.03	24	0.1	<0.02	8.9
2063814	Soil	30.1	30.9	0.58	114.9	0.081	<20	2.15	0.009	0.14	1.0	3.8	0.24	0.03	17	0.1	0.04	9.7
2063815	Soil	26.0	27.0	0.47	132.4	0.045	<20	2.49	0.006	0.16	1.4	3.7	0.23	0.03	33	0.2	0.06	9.5
2063816	Soil	51.7	23.2	0.35	155.3	0.038	<20	2.24	0.009	0.17	1.2	3.0	0.21	0.08	48	0.5	0.05	8.3
2063817	Soil	38.7	14.2	0.34	123.8	0.038	<20	1.84	0.009	0.10	0.7	1.8	0.18	0.05	24	0.4	<0.02	6.1
2063818	Soil	25.9	11.8	0.37	72.8	0.072	<20	1.40	0.007	0.11	0.4	2.4	0.16	<0.02	12	<0.1	<0.02	7.5
2063819	Soil	24.1	8.8	0.27	49.9	0.062	<20	1.19	0.006	0.08	0.5	1.8	0.13	<0.02	21	0.1	<0.02	7.5
2063820	Soil	41.0	8.8	0.36	84.0	0.075	<20	1.22	0.009	0.13	0.4	2.5	0.20	<0.02	6	<0.1	<0.02	6.0



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QUALITY CONTROL REPORT

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Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	
Analyte	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	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																					
2063535	Soil	9.44	18.06	30.43	84.6	254	7.1	7.0	251	2.34	2.2	3.8	1.8	1.4	41.0	0.33	0.23	1.07	37	0.30	0.052
REP 2063535	QC	9.43	18.16	29.89	83.8	278	7.0	7.0	254	2.34	2.0	2.5	<0.2	1.1	42.0	0.33	0.23	1.10	37	0.30	0.052
2063571	Soil	11.82	42.20	141.08	341.8	1431	39.6	19.0	953	3.65	12.1	5.7	0.3	2.8	39.1	0.72	0.65	1.45	51	0.40	0.052
REP 2063571	QC	11.88	42.06	138.69	342.3	1422	39.6	19.0	940	3.59	12.1	5.6	<0.2	2.3	39.8	0.70	0.59	1.44	51	0.41	0.053
2063607	Soil	6.50	6.39	28.10	67.0	401	3.5	3.1	236	1.74	2.0	4.3	<0.2	9.0	6.0	0.10	0.14	0.30	23	0.10	0.057
REP 2063607	QC	6.06	6.06	26.89	64.5	378	3.3	3.0	224	1.67	1.8	4.0	<0.2	8.7	5.4	0.10	0.13	0.29	22	0.10	0.056
2063643	Soil	2.21	9.63	12.13	67.2	162	6.0	3.6	112	1.42	5.4	0.8	<0.2	1.7	9.3	0.16	0.23	0.91	27	0.03	0.023
REP 2063643	QC	2.13	9.36	11.74	64.5	153	6.0	3.4	110	1.39	5.0	0.8	<0.2	1.6	8.8	0.15	0.24	0.83	27	0.03	0.022
2063679	Soil	7.50	31.88	59.63	351.9	450	40.0	19.8	565	4.84	5.0	2.5	0.9	11.8	28.7	0.29	0.51	0.50	56	0.37	0.032
REP 2063679	QC	7.70	31.91	59.49	361.1	449	40.0	19.1	568	4.94	5.1	2.5	0.7	12.5	29.9	0.32	0.60	0.51	56	0.38	0.036
2063715	Soil	2.85	5.16	30.80	149.3	169	7.9	5.1	376	2.15	2.0	1.5	0.3	10.7	13.7	0.30	0.12	0.39	35	0.13	0.086
REP 2063715	QC	2.86	5.35	30.26	152.7	162	7.4	4.9	373	2.15	2.0	1.5	<0.2	10.7	13.3	0.25	0.11	0.38	35	0.13	0.086
2063722	Soil	3.83	9.21	17.43	53.9	98	7.6	4.6	321	1.79	1.2	1.9	1.8	3.6	22.1	0.10	0.12	0.35	34	0.18	0.033
REP 2063722	QC	3.89	9.33	16.06	54.5	88	7.6	4.5	323	1.81	1.1	1.9	1.2	2.9	21.9	0.09	0.12	0.34	34	0.18	0.032
2063751	Soil	2.70	21.71	12.57	67.9	584	10.2	6.5	165	1.51	2.0	11.6	0.8	1.0	62.0	0.32	0.20	2.00	18	0.52	0.084
REP 2063751	QC	2.78	21.78	12.05	68.1	567	10.2	6.5	165	1.50	2.0	11.2	0.6	1.1	60.4	0.28	0.16	1.98	18	0.51	0.084
2063787	Soil	10.75	34.64	43.56	174.3	1757	21.2	7.4	283	3.02	3.7	2.8	<0.2	0.9	24.0	0.48	0.23	1.23	65	0.12	0.049
REP 2063787	QC	10.60	35.75	42.84	177.8	1682	21.3	7.2	279	2.99	3.5	2.7	<0.2	0.7	23.2	0.48	0.24	1.19	64	0.12	0.050
2063819	Soil	7.30	6.91	21.90	65.1	691	5.1	3.3	160	1.54	1.5	1.2	0.7	3.5	9.7	0.12	0.18	0.40	29	0.05	0.046
REP 2063819	QC	7.01	6.91	21.46	65.2	691	4.9	3.1	160	1.52	1.6	1.2	<0.2	3.5	9.0	0.12	0.17	0.37	29	0.05	0.047
Reference Materials																					
STD BVGEO01	Standard	11.52	4480.23	185.25	1823.4	2728	168.0	27.1	739	3.74	120.6	3.9	232.7	14.4	55.3	6.13	2.81	23.61	73	1.32	0.070
STD BVGEO01	Standard	10.89	4261.26	177.92	1729.7	2680	157.3	25.8	697	3.53	113.2	3.8	226.4	14.8	52.1	5.96	2.67	22.68	68	1.27	0.068
STD BVGEO01	Standard	10.51	4331.00	187.88	1690.3	2393	163.4	25.3	700	3.57	119.0	3.9	195.1	15.0	51.0	6.36	2.60	24.22	73	1.25	0.068
STD BVGEO01	Standard	11.27	4184.91	196.13	1744.2	2549	169.4	26.4	725	3.82	116.1	3.8	217.8	15.6	56.8	6.26	2.25	25.73	73	1.30	0.072
STD DS11	Standard	13.33	142.96	131.94	328.8	2711	78.0	13.7	997	3.11	41.3	2.4	1692.2	7.2	63.3	2.31	7.77	11.44	49	1.02	0.069
STD DS11	Standard	14.69	143.16	135.89	339.1	1827	81.9	14.2	1039	3.13	42.2	2.6	63.7	7.7	67.2	2.28	7.08	11.33	45	1.03	0.070
STD DS11	Standard	12.59	136.41	134.92	330.5	1733	75.3	13.3	972	2.88	41.9	2.6	48.7	7.6	62.2	2.32	8.64	11.43	46	0.97	0.068



QUALITY CONTROL REPORT

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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																		
2063535	Soil	19.0	12.1	0.30	105.0	0.041	<20	1.04	0.007	0.12	0.4	1.4	0.11	0.04	19	<0.1	0.02	6.0
REP 2063535	QC	17.9	11.8	0.30	98.9	0.041	<20	1.03	0.006	0.12	0.9	1.3	0.10	0.04	9	<0.1	0.03	6.0
2063571	Soil	26.4	34.9	0.69	118.2	0.079	<20	2.70	0.008	0.25	1.5	3.8	0.34	0.04	22	0.4	0.06	10.4
REP 2063571	QC	26.2	34.9	0.68	117.6	0.082	<20	2.72	0.008	0.25	2.5	3.7	0.33	0.04	22	0.3	0.06	10.4
2063607	Soil	26.4	7.5	0.23	39.8	0.035	<20	1.71	0.006	0.07	1.3	1.9	0.18	<0.02	39	0.4	<0.02	6.4
REP 2063607	QC	25.9	7.0	0.22	37.7	0.033	<20	1.60	0.006	0.07	2.5	1.8	0.17	<0.02	41	0.4	<0.02	6.1
2063643	Soil	21.1	15.2	0.24	28.6	0.064	<20	0.86	0.005	0.10	1.0	1.3	0.15	<0.02	12	0.2	0.03	7.9
REP 2063643	QC	19.4	14.5	0.24	27.2	0.061	<20	0.84	0.004	0.10	1.1	1.3	0.14	<0.02	8	0.1	0.03	7.6
2063679	Soil	30.5	74.5	1.14	143.1	0.145	<20	2.88	0.014	0.86	1.2	8.6	0.52	<0.02	6	<0.1	0.03	11.7
REP 2063679	QC	32.0	75.5	1.16	144.2	0.151	<20	2.90	0.013	0.86	1.7	9.1	0.51	<0.02	8	<0.1	<0.02	12.0
2063715	Soil	32.6	13.4	0.38	75.3	0.081	<20	1.54	0.006	0.13	0.4	3.1	0.17	<0.02	19	<0.1	<0.02	6.6
REP 2063715	QC	31.3	12.8	0.38	76.9	0.077	<20	1.54	0.006	0.13	0.3	2.9	0.17	<0.02	16	<0.1	<0.02	6.6
2063722	Soil	25.1	12.1	0.36	56.6	0.070	<20	1.19	0.005	0.15	0.7	2.1	0.16	<0.02	10	<0.1	<0.02	6.2
REP 2063722	QC	23.9	12.2	0.37	54.4	0.071	<20	1.20	0.005	0.15	0.4	2.2	0.15	<0.02	12	<0.1	<0.02	5.9
2063751	Soil	29.3	11.4	0.26	60.8	0.039	<20	1.25	0.015	0.08	0.5	1.7	0.13	0.09	42	<0.1	<0.02	4.8
REP 2063751	QC	29.4	11.3	0.26	59.4	0.038	<20	1.24	0.014	0.08	0.6	1.6	0.12	0.09	43	0.1	<0.02	5.0
2063787	Soil	18.1	23.1	0.42	133.3	0.069	<20	2.13	0.008	0.25	0.7	1.9	0.31	0.03	30	0.2	0.03	11.8
REP 2063787	QC	18.0	22.7	0.42	131.0	0.065	<20	2.10	0.007	0.25	0.5	1.8	0.30	0.03	29	0.2	0.03	11.9
2063819	Soil	24.1	8.8	0.27	49.9	0.062	<20	1.19	0.006	0.08	0.5	1.8	0.13	<0.02	21	0.1	<0.02	7.5
REP 2063819	QC	25.3	8.5	0.26	48.4	0.060	<20	1.17	0.006	0.08	0.6	1.8	0.13	<0.02	18	<0.1	<0.02	7.3
Reference Materials																		
STD BVGEO01	Standard	25.9	181.7	1.32	336.7	0.251	<20	2.26	0.187	0.89	3.9	6.1	0.67	0.66	100	5.1	1.05	7.8
STD BVGEO01	Standard	24.6	168.2	1.25	315.6	0.234	<20	2.16	0.182	0.85	3.6	5.6	0.64	0.63	86	4.9	1.01	7.3
STD BVGEO01	Standard	25.4	161.1	1.27	323.3	0.233	<20	2.18	0.174	0.86	4.1	5.7	0.61	0.67	88	4.5	0.97	7.4
STD BVGEO01	Standard	27.6	187.0	1.32	340.2	0.254	<20	2.25	0.185	0.90	3.3	6.5	0.62	0.70	104	4.2	0.96	7.2
STD DS11	Standard	16.1	57.4	0.83	407.3	0.084	<20	1.11	0.075	0.39	2.6	3.0	4.88	0.28	287	2.1	4.69	4.6
STD DS11	Standard	18.5	60.4	0.83	419.9	0.096	<20	1.14	0.072	0.39	2.7	3.7	4.59	0.26	262	1.5	4.43	4.9
STD DS11	Standard	16.2	53.9	0.79	397.4	0.084	<20	1.03	0.067	0.37	2.6	3.2	4.61	0.27	230	1.5	4.45	4.6



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QUALITY CONTROL REPORT

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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	Standard	14.17	140.97	126.24	322.3	1828	83.3	14.2	1010	3.03	41.6	2.5	173.3	7.1	62.6	2.16	7.44	10.12	45	1.02	0.066
STD DS11	Standard	14.72	144.48	136.19	334.3	1593	73.9	12.6	1025	3.09	40.2	2.8	154.3	7.6	63.9	2.21	7.35	11.47	44	1.01	0.069
STD DS11	Standard	14.68	149.18	142.38	334.9	1579	80.1	13.4	1041	3.09	45.4	2.9	55.6	8.4	60.4	2.37	7.10	11.87	44	1.00	0.075
STD OREAS262	Standard	0.66	113.34	55.33	145.4	477	62.6	27.6	534	3.34	35.7	1.2	74.5	8.9	36.0	0.63	3.63	0.96	22	2.92	0.040
STD OREAS262	Standard	0.66	114.37	58.74	150.4	476	68.0	29.0	537	3.34	36.0	1.3	64.0	9.8	36.6	0.66	3.08	1.03	21	3.02	0.041
STD OREAS262	Standard	0.62	105.67	55.56	141.9	455	61.1	25.9	519	3.10	35.4	1.1	76.1	9.0	34.6	0.60	4.22	1.02	20	2.72	0.039
STD OREAS262	Standard	0.67	116.77	56.78	152.6	476	65.3	27.0	557	3.35	36.1	1.2	63.1	9.3	34.4	0.60	2.89	0.93	21	3.05	0.037
STD OREAS262	Standard	0.69	113.99	55.80	154.5	498	70.6	29.7	547	3.33	37.2	1.2	70.6	9.0	35.6	0.61	3.19	0.95	20	3.09	0.037
STD OREAS262	Standard	0.75	114.76	57.06	154.4	508	70.8	28.5	567	3.35	37.2	1.3	75.9	9.3	35.9	0.62	3.18	1.00	22	3.11	0.038
STD OREAS262	Standard	0.72	118.89	59.89	159.1	477	65.6	26.6	553	3.44	37.5	1.2	61.5	9.8	37.5	0.62	3.13	1.03	21	3.15	0.040
STD OREAS262	Standard	0.72	118.04	63.10	157.3	486	69.5	27.7	534	3.32	38.9	1.3	61.9	10.3	36.8	0.70	4.04	1.10	20	3.00	0.043
STD OREAS262	Standard	0.66	112.74	60.48	152.6	447	68.8	29.3	552	3.27	37.5	1.3	54.6	10.1	36.0	0.70	3.13	1.05	21	2.89	0.039
STD OREAS262	Standard	0.70	109.69	58.23	152.4	448	67.4	28.8	521	3.25	35.0	1.3	62.0	9.3	35.3	0.61	3.16	1.03	21	2.98	0.039
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 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
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	<0.01	<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
BLK	Blank	<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
BLK	Blank	<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
BLK	Blank	<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
BLK	Blank	<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
BLK	Blank	<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
BLK	Blank	<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
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	<0.01	<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
BLK	Blank	<0.01	0.02	<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



QUALITY CONTROL REPORT

WHI20000330.1

		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	0.02	0.02	5	0.1	0.02	0.1
STD DS11	Standard	16.2	58.5	0.83	397.9	0.087	<20	1.08	0.069	0.39	2.2	3.0	5.14	0.27	260	2.3	4.49	5.1
STD DS11	Standard	17.5	61.7	0.82	406.5	0.098	<20	1.12	0.069	0.38	3.0	3.4	4.52	0.27	293	1.5	4.27	4.7
STD DS11	Standard	17.8	56.2	0.81	402.2	0.084	<20	1.10	0.068	0.39	2.6	3.2	5.15	0.26	240	2.1	4.63	5.0
STD OREAS262	Standard	15.3	40.7	1.19	252.1	0.002	<20	1.25	0.072	0.31	0.1	3.1	0.48	0.27	157	0.5	0.23	3.7
STD OREAS262	Standard	18.8	45.6	1.18	257.8	0.004	<20	1.30	0.069	0.31	0.1	4.0	0.46	0.25	158	<0.1	0.22	3.7
STD OREAS262	Standard	14.5	38.8	1.13	238.0	0.003	<20	1.12	0.065	0.28	0.1	3.3	0.43	0.26	151	0.2	0.25	3.3
STD OREAS262	Standard	14.9	43.8	1.22	240.0	0.003	<20	1.18	0.070	0.30	0.1	3.2	0.48	0.26	164	0.7	0.21	4.0
STD OREAS262	Standard	14.7	42.5	1.21	247.6	0.003	<20	1.15	0.069	0.30	0.1	3.2	0.49	0.26	171	0.6	0.22	4.1
STD OREAS262	Standard	15.2	45.2	1.22	244.9	0.003	<20	1.22	0.070	0.31	0.1	3.2	0.50	0.26	149	0.7	0.25	4.2
STD OREAS262	Standard	17.3	43.5	1.21	258.9	0.003	<20	1.29	0.070	0.31	0.1	3.8	0.47	0.26	161	<0.1	0.20	4.2
STD OREAS262	Standard	17.0	41.5	1.16	264.3	0.003	<20	1.18	0.067	0.29	0.2	3.3	0.50	0.25	161	0.5	0.25	4.0
STD OREAS262	Standard	15.9	43.1	1.21	260.8	0.003	<20	1.21	0.069	0.30	0.1	3.4	0.48	0.27	159	0.6	0.23	4.0
STD OREAS262	Standard	18.3	44.8	1.14	251.4	0.004	<20	1.26	0.066	0.30	0.1	3.9	0.47	0.25	162	<0.1	0.21	3.8
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 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
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
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