

Appendix II- Assay Results



BUREAU VERITAS MINERAL LABORATORIES
Canada

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Client: **StrataGold Corporation**
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Vancouver BC V7X 1K8 CANADA

Submitted By: Helena Kuikka
Receiving Lab: Canada-Whitehorse
Received: October 16, 2015
Report Date: November 13, 2015
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CERTIFICATE OF ANALYSIS

WHI15000231.1

CLIENT JOB INFORMATION

Project: Clear Creek
Shipment ID: CC15-01
P.O. Number: NA-15356 v1
Number of Samples: 240

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
Dry at 60C	240	Dry at 60C			WHI
SS80	240	Dry at 60C sieve 100g to -80 mesh			WHI
SVRJT	240	Save all or part of Soil Reject			WHI
AQ201	240	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
SHP01	240	Per sample shipping charges for branch shipments			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: StrataGold Corporation
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CANADA

CC:



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	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1566651	Soil	1.1	34.3	12.0	57	0.1	27.5	10.3	240	3.41	606.0	56.6	5.6	30	0.2	2.1	1.4	55	0.10	0.049	20
1566652	Soil	1.6	30.2	13.6	46	0.7	18.3	4.9	118	2.92	465.7	22.1	3.4	27	<0.1	4.3	1.1	49	0.06	0.044	19
1566653	Soil	1.3	46.0	15.1	69	0.3	33.8	18.8	533	3.92	516.9	18.9	7.1	41	0.2	1.9	1.6	68	0.10	0.052	19
1566654	Soil	1.3	38.8	15.8	64	0.2	28.4	10.8	293	3.42	387.9	37.0	3.8	50	0.2	1.8	1.1	63	0.11	0.051	18
1566655	Soil	1.1	48.7	13.8	67	0.2	28.7	14.3	228	3.52	261.8	19.8	10.5	109	0.2	4.7	0.6	41	0.20	0.064	22
1566656	Soil	0.8	56.2	10.9	68	0.4	39.6	14.1	330	3.51	259.8	22.7	5.9	67	<0.1	1.5	0.7	77	0.23	0.054	18
1566657	Soil	1.6	35.1	15.6	48	0.2	18.4	6.8	160	2.79	129.7	4.6	4.5	22	0.1	3.1	0.4	45	0.07	0.050	24
1566658	Soil	1.0	43.7	13.8	71	0.1	35.7	19.2	511	3.52	132.7	12.2	5.0	32	0.2	1.5	0.4	75	0.13	0.055	18
1566659	Soil	1.6	27.2	15.5	31	0.3	13.4	3.7	103	2.99	78.0	2.6	0.6	10	<0.1	1.5	0.4	49	0.05	0.082	12
1566660	Soil	1.3	92.5	28.3	96	0.8	53.7	20.5	562	5.29	517.0	48.5	8.9	28	0.2	13.3	1.3	96	0.20	0.094	28
1566661	Soil	0.9	19.1	12.0	48	<0.1	17.3	6.0	152	2.44	36.4	0.6	2.1	9	<0.1	3.1	0.2	36	0.07	0.043	21
1566662	Soil	1.1	29.3	15.8	60	<0.1	31.6	9.4	233	3.30	66.8	5.3	4.0	20	<0.1	1.4	0.3	53	0.07	0.046	23
1566663	Soil	0.7	29.3	15.4	63	<0.1	29.5	12.7	353	2.81	79.2	2.8	5.3	18	0.2	1.4	0.2	52	0.13	0.059	23
1566664	Soil	1.3	42.7	38.2	82	0.2	37.9	21.4	613	3.42	174.8	6.7	5.7	33	0.5	2.0	0.4	57	0.12	0.076	37
1566665	Soil	1.2	44.4	27.8	84	0.3	40.7	19.6	757	3.47	112.2	4.9	4.4	28	0.3	2.1	0.5	60	0.14	0.092	34
1566666	Soil	0.8	44.2	14.8	46	0.6	22.7	7.1	215	1.96	78.6	3.6	0.3	17	0.3	1.5	0.3	45	0.09	0.121	14
1566667	Soil	0.7	90.0	22.1	99	0.4	61.1	31.4	886	4.88	129.1	16.3	5.6	39	0.3	2.8	0.5	105	0.17	0.096	24
1566668	Soil	0.6	72.4	50.5	113	0.6	50.8	21.7	638	5.00	258.9	17.9	6.5	28	0.5	3.7	0.9	118	0.32	0.071	29
1566669	Soil	1.6	65.8	142.4	132	1.6	34.0	16.4	473	5.10	609.6	18.4	8.6	28	2.7	3.5	1.6	41	0.08	0.094	41
1566670	Soil	2.3	115.2	2724.5	2755	15.0	29.1	23.0	4021	6.79	3202.4	82.9	15.0	67	81.1	12.6	3.0	31	0.64	0.122	27
1566671	Soil	1.5	100.1	664.9	230	4.7	46.3	21.8	1377	7.66	1190.4	34.5	11.7	45	2.4	3.2	4.1	108	0.09	0.112	22
1566672	Soil	1.4	122.1	2089.6	379	8.8	22.6	23.9	1339	9.17	3676.3	51.7	16.3	56	6.4	13.8	4.1	68	0.03	0.096	21
1566673	Soil	0.8	160.6	1218.9	475	6.2	123.4	69.7	2202	10.85	3272.9	81.6	13.9	82	20.3	6.3	4.6	108	0.15	0.112	15
1566674	Soil	2.2	88.2	104.4	171	0.9	52.4	47.5	1019	6.33	382.0	94.7	4.9	42	3.2	5.6	1.9	35	0.13	0.149	27
1566675	Soil	1.8	67.6	386.3	224	3.2	45.2	28.0	1719	5.33	411.2	8.9	2.4	52	6.4	2.6	2.6	70	0.15	0.157	21
1566676	Soil	1.3	132.8	607.2	273	4.8	56.7	34.7	2174	8.69	589.0	27.8	13.1	43	6.6	5.6	4.1	109	0.10	0.105	28
1566677	Soil	1.6	97.0	690.0	228	5.7	37.4	20.7	1375	7.49	724.4	23.9	9.8	38	3.1	6.7	3.7	90	0.08	0.088	22
1566678	Soil	0.9	106.1	503.1	204	3.4	33.4	13.8	1248	7.64	502.3	19.2	11.0	36	3.1	4.7	3.0	99	0.05	0.064	21
1566679	Soil	1.3	53.1	66.4	105	0.3	37.4	25.5	530	4.48	324.2	20.6	14.9	15	0.5	5.7	0.7	21	0.04	0.051	44
1566680	Soil	1.2	51.0	62.6	93	0.5	43.0	38.8	1230	4.16	205.8	9.4	17.8	15	0.6	3.2	0.5	22	0.04	0.046	46



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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1566651	Soil	37	0.59	126	0.064	<1	1.85	0.008	0.17	1.6	0.04	3.3	0.4	<0.05	6	<0.5	<0.2
1566652	Soil	28	0.34	82	0.041	<1	1.26	0.007	0.12	1.1	0.06	2.2	0.3	<0.05	6	<0.5	<0.2
1566653	Soil	49	0.68	131	0.073	<1	2.17	0.009	0.26	1.5	0.06	4.6	0.4	<0.05	7	<0.5	<0.2
1566654	Soil	45	0.66	127	0.061	<1	1.89	0.009	0.23	1.0	0.06	4.1	0.4	<0.05	7	<0.5	<0.2
1566655	Soil	30	0.65	136	0.038	<1	1.60	0.010	0.22	0.4	0.02	3.9	0.3	<0.05	5	<0.5	<0.2
1566656	Soil	62	0.99	148	0.068	<1	2.37	0.009	0.40	0.6	0.03	6.6	0.5	<0.05	8	<0.5	<0.2
1566657	Soil	29	0.44	99	0.030	<1	1.55	0.007	0.11	0.2	0.03	3.1	0.3	<0.05	6	<0.5	<0.2
1566658	Soil	54	0.82	157	0.076	<1	2.22	0.008	0.24	0.4	0.05	5.7	0.3	<0.05	7	<0.5	<0.2
1566659	Soil	37	0.23	52	0.030	<1	1.64	0.004	0.10	0.2	0.12	1.9	0.2	0.10	6	0.6	<0.2
1566660	Soil	71	1.26	161	0.049	<1	3.29	0.006	0.39	0.2	0.06	8.9	0.4	<0.05	10	<0.5	<0.2
1566661	Soil	21	0.28	48	0.018	<1	1.24	0.004	0.05	0.2	0.04	1.8	0.1	<0.05	4	<0.5	<0.2
1566662	Soil	43	0.69	76	0.036	<1	1.87	0.007	0.13	0.2	0.03	3.4	0.2	<0.05	6	<0.5	<0.2
1566663	Soil	27	0.60	84	0.041	<1	1.63	0.006	0.10	0.2	0.03	3.7	0.1	<0.05	4	<0.5	<0.2
1566664	Soil	30	0.66	130	0.038	<1	1.66	0.008	0.22	0.2	0.04	3.6	0.2	<0.05	6	<0.5	<0.2
1566665	Soil	42	0.85	94	0.041	1	2.01	0.017	0.17	0.2	0.03	4.2	0.2	<0.05	6	<0.5	<0.2
1566666	Soil	32	0.39	98	0.027	<1	1.38	0.012	0.13	0.4	0.08	2.5	0.2	0.07	5	<0.5	<0.2
1566667	Soil	105	1.62	158	0.074	<1	3.33	0.007	0.58	0.3	0.05	9.0	0.5	<0.05	10	<0.5	<0.2
1566668	Soil	78	1.50	167	0.051	<1	2.68	0.006	0.44	0.1	0.03	10.5	0.3	<0.05	10	<0.5	<0.2
1566669	Soil	41	0.78	110	0.020	<1	2.05	0.009	0.12	0.3	0.05	3.4	0.2	0.06	7	<0.5	<0.2
1566670	Soil	18	0.79	135	0.049	<1	1.70	0.025	0.32	2.6	0.12	3.7	0.6	0.09	5	<0.5	<0.2
1566671	Soil	91	1.83	145	0.127	<1	3.67	0.072	0.95	1.4	0.10	10.6	1.1	0.57	11	0.6	<0.2
1566672	Soil	67	1.30	96	0.073	<1	2.24	0.071	0.71	0.7	0.07	6.3	1.0	0.79	7	0.6	<0.2
1566673	Soil	160	2.14	96	0.102	<1	4.16	0.129	0.79	0.6	0.05	12.9	0.9	0.87	11	0.9	0.2
1566674	Soil	25	0.51	79	0.020	<1	1.77	0.018	0.08	1.0	0.06	2.3	0.2	0.12	5	<0.5	<0.2
1566675	Soil	49	0.93	150	0.047	1	2.29	0.025	0.31	0.4	0.13	4.0	0.7	0.28	7	<0.5	<0.2
1566676	Soil	104	1.81	98	0.077	<1	3.12	0.015	0.52	0.5	0.07	9.4	0.9	0.22	11	<0.5	<0.2
1566677	Soil	75	1.33	97	0.072	1	2.53	0.016	0.37	0.5	0.08	6.2	0.7	0.24	9	0.7	<0.2
1566678	Soil	80	1.59	94	0.101	<1	2.84	0.018	0.59	0.4	0.03	8.6	1.0	0.29	9	0.6	<0.2
1566679	Soil	16	0.38	45	0.005	1	1.22	0.005	0.04	<0.1	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1566680	Soil	24	0.56	50	0.006	<1	1.38	0.004	0.03	0.2	0.02	2.3	<0.1	<0.05	5	<0.5	<0.2



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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1566681	Soil	1.9	56.2	98.5	96	0.3	29.8	13.4	398	4.67	231.8	10.4	12.6	17	0.5	2.9	0.7	26	0.04	0.063	47
1566682	Soil	1.3	51.1	69.8	102	0.5	38.1	26.0	693	4.37	215.3	8.1	15.2	12	0.5	3.1	0.6	22	0.03	0.048	42
1566683	Soil	1.4	60.7	76.6	126	1.5	40.3	22.8	600	4.06	952.2	89.7	6.6	26	2.9	5.6	3.1	27	0.09	0.077	37
1566684	Soil	1.0	80.9	533.9	251	4.1	42.3	22.8	1404	5.36	699.2	21.4	9.5	44	6.2	5.2	2.6	57	0.12	0.070	26
1566685	Soil	1.5	49.6	331.1	235	1.3	31.2	16.1	1117	4.97	371.7	5.9	2.7	41	3.8	2.9	2.5	82	0.15	0.073	15
1566686	Soil	1.3	70.8	337.2	150	1.5	39.5	16.8	960	6.14	729.7	11.3	4.5	38	2.4	2.9	2.5	87	0.08	0.072	12
1566687	Soil	0.5	156.4	1804.1	170	6.9	15.8	4.0	993	12.58	2231.3	41.0	16.0	68	0.8	10.7	12.5	82	0.02	0.081	16
1566688	Soil	2.0	152.6	1242.3	643	6.2	47.2	43.6	1799	10.69	1211.4	30.0	19.9	87	10.1	15.5	5.7	51	0.04	0.132	23
1566689	Soil	2.7	111.4	1642.6	1099	10.5	82.2	74.6	3730	7.48	3703.7	122.5	13.2	129	47.4	12.4	4.3	66	0.24	0.097	22
1566690	Soil	2.5	316.2	1232.3	830	11.7	29.6	20.8	6276	12.34	572.2	14.3	22.1	82	38.8	8.7	5.8	17	1.05	0.123	17
1566691	Soil	1.2	50.5	112.3	107	1.0	29.4	17.9	367	4.16	448.1	24.4	18.9	30	2.1	3.1	1.4	28	0.09	0.061	43
1566692	Soil	1.7	53.1	66.9	90	0.6	20.1	8.0	333	4.61	334.3	14.0	8.3	14	0.8	3.6	1.0	31	0.03	0.071	40
1566693	Soil	0.3	49.8	31.8	82	0.4	46.7	20.1	550	3.51	166.8	13.1	8.7	21	0.4	2.5	0.8	82	0.23	0.069	22
1566694	Soil	0.3	96.2	19.9	89	0.3	61.3	39.9	864	4.71	115.6	23.7	8.7	53	0.2	3.2	0.5	94	0.27	0.072	23
1566695	Soil	1.1	80.8	28.2	99	0.4	54.6	35.3	1305	4.23	185.5	17.9	3.8	23	0.4	3.7	0.6	78	0.13	0.081	22
1566696	Soil	1.4	51.8	30.6	91	0.4	44.0	25.1	739	3.76	180.3	10.7	6.8	32	0.6	2.7	0.5	65	0.12	0.068	31
1566697	Soil	1.1	39.2	26.4	62	0.2	27.3	15.0	371	2.93	58.4	4.6	8.7	26	0.4	1.7	0.3	46	0.06	0.034	29
1566698	Soil	1.0	28.0	17.4	46	0.1	21.3	7.8	272	2.88	34.3	4.5	1.4	12	0.2	1.0	0.3	73	0.05	0.045	12
1566699	Soil	1.7	43.2	32.2	50	0.7	27.6	8.0	203	2.84	143.6	8.0	2.9	40	0.4	3.1	0.6	49	0.24	0.083	32
1566700	Soil	0.7	31.0	13.2	61	0.1	40.2	20.2	304	2.78	169.6	38.8	6.8	26	0.2	5.3	0.4	39	0.09	0.047	29
1566751	Soil	0.9	21.4	11.7	75	<0.1	19.0	10.0	619	2.83	444.2	83.1	10.6	106	0.3	1.7	0.8	48	0.40	0.101	32
1566752	Soil	1.6	65.7	12.0	86	0.2	55.0	37.2	1053	4.18	749.4	183.7	7.2	50	0.3	6.4	2.2	51	0.20	0.083	29
1566753	Soil	1.5	57.2	10.3	63	0.3	33.7	17.2	378	3.56	405.4	367.7	2.2	24	0.2	5.3	1.0	41	0.08	0.089	19
1566754	Soil	1.4	50.3	10.7	70	0.3	24.9	11.1	401	3.50	318.3	322.4	4.8	16	0.4	3.9	1.6	46	0.11	0.085	20
1566755	Soil	2.4	79.7	14.0	77	0.7	45.1	34.6	685	4.25	1109.9	488.7	8.2	28	0.3	4.6	3.0	40	0.12	0.080	22
1566756	Soil	1.4	56.4	10.7	67	0.4	30.9	16.1	347	3.78	774.8	228.3	4.7	19	0.3	3.0	2.9	43	0.10	0.061	20
1566757	Soil	1.4	61.5	12.9	64	0.5	25.7	19.3	354	4.56	1441.3	700.7	7.7	23	0.3	5.7	3.2	33	0.09	0.053	16
1566758	Soil	2.1	73.7	15.3	71	0.6	31.2	20.1	377	4.34	1341.9	598.8	6.6	23	0.2	4.5	3.3	45	0.09	0.060	19
1566759	Soil	2.0	65.9	13.3	53	0.8	22.4	15.8	275	4.41	1521.4	911.3	10.8	30	0.2	7.3	5.2	36	0.07	0.058	22
1566760	Soil	1.2	67.8	9.6	71	0.5	43.2	22.3	364	3.66	951.1	643.9	6.7	24	0.3	3.3	1.8	38	0.16	0.081	15



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1566681	Soil	27	0.51	44	0.006	<1	1.66	0.006	0.05	0.1	0.04	1.8	<0.1	<0.05	5	<0.5	<0.2
1566682	Soil	18	0.49	30	0.004	<1	1.39	0.004	0.03	0.1	0.02	2.1	<0.1	<0.05	5	<0.5	<0.2
1566683	Soil	20	0.48	65	0.008	<1	1.46	0.009	0.05	0.2	0.08	1.7	<0.1	0.07	5	<0.5	<0.2
1566684	Soil	50	1.04	93	0.058	1	1.96	0.015	0.31	0.5	0.06	4.9	0.6	0.18	6	<0.5	<0.2
1566685	Soil	51	0.91	138	0.073	1	2.19	0.019	0.37	0.3	0.07	4.5	0.6	0.21	8	<0.5	<0.2
1566686	Soil	76	1.10	102	0.074	1	2.38	0.045	0.36	0.5	0.07	5.8	0.6	0.33	8	0.8	<0.2
1566687	Soil	61	1.39	89	0.083	<1	3.15	0.066	0.74	0.3	0.05	8.7	1.1	1.03	8	1.4	<0.2
1566688	Soil	44	0.87	138	0.063	<1	2.47	0.113	0.78	0.8	0.11	5.5	1.0	0.97	6	0.8	<0.2
1566689	Soil	52	1.18	151	0.075	<1	2.71	0.065	0.59	8.7	0.13	6.2	0.9	0.42	7	0.6	<0.2
1566690	Soil	9	0.78	66	0.044	<1	1.85	0.093	0.44	1.4	0.04	2.6	1.0	1.11	4	<0.5	<0.2
1566691	Soil	25	0.63	75	0.018	<1	1.44	0.009	0.09	0.4	0.02	2.7	0.1	<0.05	5	0.6	<0.2
1566692	Soil	28	0.50	56	0.011	<1	1.50	0.005	0.06	0.2	0.04	1.9	0.1	<0.05	5	0.7	<0.2
1566693	Soil	93	1.20	144	0.061	<1	2.15	0.007	0.37	0.2	0.02	8.0	0.3	<0.05	7	<0.5	<0.2
1566694	Soil	92	1.53	125	0.074	<1	2.88	0.008	0.57	0.3	0.02	8.4	0.4	<0.05	9	<0.5	<0.2
1566695	Soil	51	0.90	99	0.044	1	2.15	0.009	0.27	0.4	0.04	6.0	0.2	0.05	7	<0.5	<0.2
1566696	Soil	41	0.78	133	0.053	<1	1.90	0.013	0.25	0.3	0.05	4.8	0.3	0.07	6	<0.5	<0.2
1566697	Soil	29	0.58	123	0.049	<1	1.40	0.010	0.16	0.2	0.03	3.3	0.2	0.07	4	<0.5	<0.2
1566698	Soil	33	0.49	55	0.043	1	1.31	0.005	0.09	0.2	0.06	2.8	0.1	<0.05	6	<0.5	<0.2
1566699	Soil	30	0.41	175	0.021	1	1.41	0.010	0.16	0.2	0.05	2.7	0.2	0.12	5	0.6	<0.2
1566700	Soil	48	0.65	100	0.046	1	1.61	0.006	0.13	0.3	0.03	2.9	0.2	<0.05	4	<0.5	<0.2
1566751	Soil	26	0.57	202	0.072	<1	1.63	0.010	0.17	7.5	0.03	4.4	0.4	<0.05	5	<0.5	<0.2
1566752	Soil	34	0.65	172	0.070	<1	2.14	0.016	0.30	7.3	0.06	5.3	0.5	0.08	7	0.7	<0.2
1566753	Soil	24	0.30	86	0.039	2	1.36	0.012	0.13	6.5	0.08	2.5	0.2	0.10	4	0.6	<0.2
1566754	Soil	31	0.41	99	0.048	2	1.36	0.015	0.13	10.9	0.09	3.0	0.3	0.09	4	1.0	<0.2
1566755	Soil	31	0.47	140	0.053	1	1.44	0.023	0.27	8.5	0.07	4.1	0.5	0.15	4	0.8	<0.2
1566756	Soil	29	0.44	105	0.048	<1	1.45	0.018	0.21	9.3	0.08	3.0	0.4	0.14	4	0.7	<0.2
1566757	Soil	23	0.39	106	0.044	2	1.25	0.019	0.27	8.1	0.03	3.3	0.5	0.16	4	<0.5	<0.2
1566758	Soil	30	0.48	124	0.053	1	1.58	0.026	0.30	6.9	0.06	3.8	0.5	0.23	5	0.9	<0.2
1566759	Soil	25	0.43	119	0.050	1	1.28	0.027	0.36	11.3	0.04	3.4	0.9	0.23	4	0.8	<0.2
1566760	Soil	23	0.41	96	0.049	1	1.17	0.025	0.20	8.9	0.03	3.2	0.3	0.16	4	<0.5	<0.2



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	Method	Analyte	Unit	MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201		
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1566761	Soil				1.9	62.2	34.4	64	0.8	23.1	13.8	492	3.86	1146.2	236.4	3.2	26	0.2	2.9	2.1	39	0.07	0.104	25
1566762	Soil				1.5	49.9	14.1	71	0.4	31.4	22.2	716	3.39	477.3	195.8	7.5	19	0.2	3.4	1.6	36	0.11	0.084	29
1566763	Soil				1.0	25.6	14.4	33	0.6	10.8	5.0	162	2.72	451.9	620.3	11.3	34	0.1	6.9	18.1	23	0.11	0.066	27
1566764	Soil				1.9	37.6	14.8	43	0.2	11.0	5.9	285	3.11	260.0	75.9	10.5	20	0.1	2.5	3.6	28	0.05	0.051	29
1566765	Soil				1.2	32.8	10.6	48	<0.1	15.0	5.7	174	2.82	191.2	61.6	5.6	15	0.1	2.4	2.8	35	0.06	0.049	29
1566766	Soil				1.1	34.1	12.4	61	<0.1	28.2	15.4	394	3.18	180.4	33.7	4.4	21	0.2	1.6	2.5	44	0.13	0.078	22
1566767	Soil				1.0	31.9	12.6	61	<0.1	26.5	11.7	376	3.18	70.6	16.1	4.8	14	0.1	1.0	1.6	43	0.07	0.048	23
1566768	Soil				1.0	28.5	10.5	59	<0.1	22.8	11.1	310	2.88	75.6	10.9	5.6	15	0.2	1.0	1.0	45	0.14	0.058	21
1566769	Soil				0.8	55.8	10.2	50	0.2	17.8	5.9	236	4.03	391.5	100.8	6.1	23	0.1	1.4	15.5	60	0.09	0.057	24
1566770	Soil				1.0	35.5	10.8	51	0.1	15.5	7.0	221	2.95	185.8	17.6	4.4	17	0.1	1.5	4.1	39	0.08	0.048	22
1566771	Soil				1.2	35.1	11.1	59	0.2	19.4	9.6	261	3.02	409.2	126.0	6.1	20	0.2	1.0	2.8	42	0.12	0.066	23
1566772	Soil				0.9	43.4	14.4	61	0.2	15.4	7.6	191	3.39	300.0	20.0	12.0	24	0.2	2.5	2.1	31	0.09	0.046	27
1566773	Soil				1.2	19.2	11.6	60	0.1	19.8	8.0	248	2.93	85.2	17.3	5.7	13	0.1	0.9	0.6	46	0.07	0.033	18
1566774	Soil				0.9	17.9	11.5	46	<0.1	14.1	5.3	181	2.64	66.0	1.9	4.7	11	0.1	0.7	0.5	38	0.06	0.033	20
1566775	Soil				1.0	27.1	12.0	64	0.1	18.1	7.5	211	3.02	59.6	6.6	6.5	13	0.2	1.9	0.5	35	0.10	0.049	24
1566876	Soil				1.1	50.5	10.5	67	0.1	55.4	28.0	397	3.53	767.8	31.7	8.2	31	0.2	3.9	3.3	58	0.21	0.073	29
1566877	Soil				1.2	38.1	8.5	55	0.2	37.9	12.6	222	3.18	559.8	28.0	4.6	24	0.2	2.8	3.7	61	0.14	0.073	23
1566878	Soil				0.9	34.1	10.4	56	0.2	35.9	11.2	251	2.85	289.8	16.6	3.2	22	0.1	2.1	2.1	51	0.21	0.079	21
1566879	Soil				1.5	21.3	11.7	57	<0.1	22.0	7.4	315	3.25	100.4	5.2	1.7	12	0.2	0.8	0.9	59	0.09	0.049	15
1566880	Soil				0.8	31.6	11.2	52	<0.1	32.9	11.4	247	3.17	80.4	16.2	4.5	16	0.2	1.0	2.1	55	0.11	0.044	19
1566881	Soil				0.8	34.8	7.3	55	0.1	28.3	7.2	185	2.22	84.1	6.7	6.8	19	<0.1	1.2	0.6	39	0.23	0.075	21
1566882	Soil				0.6	40.2	10.6	52	0.1	42.3	15.4	264	3.09	137.8	19.7	6.7	39	<0.1	2.0	0.7	51	0.22	0.059	23
1566883	Soil				0.9	21.6	10.6	38	<0.1	17.1	5.3	149	2.40	89.9	10.2	1.5	30	<0.1	1.0	0.6	38	0.08	0.045	15
1566884	Soil				0.8	25.7	9.6	52	<0.1	25.8	8.0	195	2.53	172.0	7.7	3.2	34	0.2	1.2	0.7	44	0.13	0.048	17
1566885	Soil				1.0	30.9	11.1	56	<0.1	23.8	10.5	257	2.73	425.7	31.4	4.2	63	0.1	1.4	1.1	44	0.13	0.045	19
1566886	Soil				0.8	40.0	11.3	62	0.1	32.1	15.3	280	3.16	547.2	116.3	7.9	88	0.1	1.7	1.4	51	0.21	0.064	23
1566887	Soil				1.6	28.4	23.9	50	0.2	27.3	6.8	256	2.95	230.9	<0.5	7.8	40	<0.1	1.0	1.0	48	0.08	0.061	29
1566888	Soil				0.9	27.6	10.5	57	<0.1	26.8	12.7	297	2.72	213.9	27.5	5.5	34	0.2	1.5	0.4	47	0.14	0.052	20
1566889	Soil				1.0	35.3	10.5	60	0.1	32.3	10.4	254	3.24	366.2	16.1	5.0	56	0.2	1.1	1.1	52	0.15	0.055	18
1566890	Soil				1.0	52.8	14.6	56	0.2	27.1	13.5	246	3.45	322.0	36.5	11.3	162	<0.1	8.5	0.7	37	0.14	0.050	33



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					Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
					ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
					1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1566761	Soil	26	0.47	125	0.039	1	1.76	0.025	0.24	5.1	0.05	2.4	0.5	0.19	5	0.8	<0.2			
1566762	Soil	22	0.44	97	0.041	1	1.36	0.015	0.17	10.2	0.04	3.0	0.5	0.06	4	0.7	<0.2			
1566763	Soil	15	0.15	69	0.018	2	0.46	0.004	0.05	10.3	0.69	3.9	0.5	<0.05	2	0.7	0.4			
1566764	Soil	20	0.30	100	0.046	2	0.98	0.023	0.21	4.1	0.07	1.8	0.6	0.10	4	0.5	<0.2			
1566765	Soil	25	0.35	93	0.050	<1	1.33	0.009	0.23	5.8	0.06	2.0	0.7	<0.05	5	0.5	<0.2			
1566766	Soil	32	0.38	112	0.048	2	1.45	0.006	0.15	9.2	0.06	2.5	0.5	<0.05	5	0.7	<0.2			
1566767	Soil	28	0.42	89	0.054	2	1.57	0.007	0.11	16.3	0.06	2.4	0.4	<0.05	5	0.6	<0.2			
1566768	Soil	25	0.47	100	0.058	2	1.41	0.007	0.14	5.9	0.03	2.9	0.5	<0.05	4	0.6	<0.2			
1566769	Soil	62	0.78	135	0.086	2	1.68	0.016	0.48	>100	0.03	5.2	1.3	0.11	6	1.7	0.3			
1566770	Soil	23	0.40	94	0.050	1	1.29	0.013	0.18	9.4	0.05	2.3	0.6	<0.05	4	0.7	<0.2			
1566771	Soil	27	0.40	117	0.050	2	1.39	0.012	0.15	4.7	0.04	2.7	0.4	<0.05	4	<0.5	<0.2			
1566772	Soil	24	0.49	116	0.056	2	1.35	0.015	0.27	5.0	0.02	2.8	0.6	<0.05	5	<0.5	<0.2			
1566773	Soil	24	0.34	93	0.045	2	1.51	0.008	0.07	1.1	0.04	2.3	0.2	<0.05	5	0.6	<0.2			
1566774	Soil	23	0.29	57	0.030	1	1.32	0.005	0.06	0.8	0.04	2.0	0.2	<0.05	5	<0.5	<0.2			
1566775	Soil	22	0.38	83	0.042	2	1.14	0.007	0.09	0.8	0.03	2.3	0.2	<0.05	4	<0.5	<0.2			
1566876	Soil	60	0.76	143	0.092	1	1.89	0.012	0.33	5.2	0.03	4.7	0.5	<0.05	6	0.5	<0.2			
1566877	Soil	70	0.78	139	0.110	<1	1.93	0.011	0.33	5.1	0.04	4.3	0.5	<0.05	7	<0.5	<0.2			
1566878	Soil	67	0.73	153	0.081	2	1.90	0.009	0.34	2.2	0.05	3.5	0.5	<0.05	6	0.5	<0.2			
1566879	Soil	34	0.42	87	0.067	2	2.02	0.007	0.13	0.8	0.09	2.1	0.3	<0.05	7	0.9	<0.2			
1566880	Soil	74	0.71	106	0.071	<1	1.89	0.007	0.18	29.1	0.04	3.4	0.4	<0.05	6	0.9	<0.2			
1566881	Soil	31	0.46	81	0.059	1	1.28	0.007	0.11	2.7	0.04	3.0	0.2	<0.05	4	<0.5	<0.2			
1566882	Soil	71	0.79	189	0.074	1	2.02	0.008	0.24	1.7	0.03	4.8	0.4	<0.05	6	<0.5	<0.2			
1566883	Soil	31	0.37	81	0.043	2	1.42	0.006	0.10	2.2	0.07	1.8	0.2	<0.05	5	<0.5	<0.2			
1566884	Soil	40	0.55	116	0.060	1	1.52	0.008	0.14	3.5	0.04	2.7	0.2	<0.05	4	<0.5	<0.2			
1566885	Soil	30	0.53	131	0.057	2	1.89	0.008	0.17	2.7	0.05	2.9	0.3	<0.05	5	<0.5	<0.2			
1566886	Soil	53	0.74	158	0.081	<1	1.91	0.012	0.33	1.5	0.02	3.9	0.5	<0.05	6	<0.5	<0.2			
1566887	Soil	51	0.77	133	0.095	3	1.73	0.015	0.43	3.2	0.08	3.4	0.5	0.06	7	<0.5	<0.2			
1566888	Soil	40	0.59	132	0.066	1	1.64	0.007	0.15	0.8	0.05	3.0	0.2	<0.05	5	<0.5	<0.2			
1566889	Soil	55	0.71	147	0.068	1	1.85	0.012	0.15	0.8	0.03	3.3	0.4	<0.05	5	0.6	<0.2			
1566890	Soil	34	0.64	153	0.031	<1	1.78	0.011	0.20	0.2	0.01	3.2	0.4	<0.05	6	<0.5	<0.2			



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CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL		AQ201 Mo ppm 0.1	AQ201 Cu ppm 0.1	AQ201 Pb ppm 0.1	AQ201 Zn ppm 1	AQ201 Ag ppm 0.1	AQ201 Ni ppm 0.1	AQ201 Co ppm 0.1	AQ201 Mn ppm 1	AQ201 Fe % 0.01	AQ201 As ppm 0.5	AQ201 Au ppb 0.5	AQ201 Th ppm 0.1	AQ201 Sr ppm 1	AQ201 Cd ppm 0.1	AQ201 Sb ppm 0.1	AQ201 Bi ppm 0.1	AQ201 V ppm 2	AQ201 Ca % 0.01	AQ201 P % 0.001	AQ201 La ppm 1
1566891	Soil	0.9	35.1	11.9	61	<0.1	25.5	11.0	252	3.12	129.5	3.2	6.0	29	0.1	1.1	0.3	51	0.13	0.060	26
1566892	Soil	1.0	23.9	12.6	65	<0.1	27.7	14.0	376	3.06	72.9	9.8	5.4	24	0.1	1.1	0.2	60	0.19	0.071	19
1566893	Soil	1.1	24.6	12.9	52	<0.1	18.7	7.8	219	2.84	107.0	6.1	3.8	27	0.1	1.6	0.3	49	0.10	0.052	25
1566894	Soil	0.9	15.5	11.4	29	0.1	12.5	3.9	101	1.59	29.5	1.9	0.7	12	0.1	1.2	0.2	37	0.07	0.052	16
1566895	Soil	1.3	94.3	24.2	93	0.2	56.3	37.7	1212	5.20	91.6	9.5	9.1	25	0.2	3.6	0.3	132	0.23	0.074	26
1566896	Soil	2.1	72.3	37.5	74	0.5	41.8	18.3	475	4.34	70.0	2.6	15.0	34	0.2	3.0	0.6	86	0.18	0.074	42
1566897	Soil	1.0	30.2	20.2	60	0.1	26.8	10.2	317	3.14	37.0	1.7	4.4	12	0.3	1.4	0.3	67	0.08	0.035	16
1566898	Soil	1.2	24.2	38.1	57	1.3	21.2	8.3	266	3.46	200.4	9.4	4.2	14	0.2	2.6	0.7	56	0.08	0.038	20
1566899	Soil	0.9	23.0	15.4	57	0.2	23.8	10.6	311	2.52	53.8	9.5	6.4	14	0.4	1.0	0.4	41	0.09	0.034	22
1566900	Soil	1.1	16.0	17.8	57	0.3	17.1	6.3	208	2.69	162.8	4.8	3.6	11	0.3	1.0	0.5	44	0.07	0.032	17
1566901	Soil	1.0	20.7	20.6	54	0.3	21.3	9.8	301	2.80	140.6	10.4	4.2	12	0.3	1.3	0.3	47	0.09	0.041	20
1566902	Soil	1.7	16.9	23.8	41	0.3	13.1	4.9	182	3.58	95.2	5.9	5.3	11	0.2	1.7	0.4	66	0.05	0.041	23
1566921	Soil	0.7	39.5	12.6	64	0.1	35.6	12.3	251	3.14	55.0	<0.5	6.2	15	<0.1	4.5	0.3	67	0.12	0.056	22
1566922	Soil	1.1	25.6	11.9	43	0.2	21.5	8.4	320	2.62	57.4	15.6	0.9	21	<0.1	0.9	0.3	73	0.07	0.038	14
1566923	Soil	0.9	49.0	11.2	56	0.1	33.9	14.9	301	3.03	80.5	4.6	3.3	29	0.3	1.0	0.3	75	0.17	0.056	15
1566924	Soil	0.9	58.0	11.7	64	0.1	39.3	19.6	320	3.36	139.8	12.2	5.3	26	0.1	1.1	0.4	87	0.12	0.037	15
1566925	Soil	0.9	63.6	17.2	77	0.1	44.0	20.8	427	3.91	295.3	14.6	9.7	98	0.2	1.4	0.5	87	0.21	0.059	26
1566926	Soil	1.2	70.2	14.1	76	0.3	46.0	15.8	339	4.06	391.4	19.0	4.0	158	0.2	1.6	1.2	101	0.27	0.058	16
1566927	Soil	1.1	44.2	15.7	67	0.3	34.7	11.6	317	3.33	297.8	34.7	4.0	50	0.1	1.7	0.9	65	0.24	0.052	18
1566928	Soil	1.1	39.8	10.6	60	0.2	33.9	11.1	261	3.19	411.5	31.1	5.2	53	0.1	1.8	1.0	58	0.13	0.044	20
1566929	Soil	1.3	33.0	12.0	57	0.2	26.8	9.1	234	3.14	439.2	27.3	3.8	51	0.2	1.6	1.2	57	0.15	0.051	20
1566930	Soil	1.2	49.5	19.6	89	0.3	44.7	17.3	352	4.25	852.1	306.1	6.4	37	0.3	4.6	2.1	65	0.11	0.056	21
1566931	Soil	1.2	32.8	13.2	54	0.2	30.2	10.2	197	3.27	380.1	46.8	6.6	55	0.1	3.0	0.9	72	0.10	0.041	20
1566932	Soil	1.3	73.7	10.7	77	0.3	54.3	25.9	368	4.37	549.9	28.8	7.0	90	0.2	3.1	1.6	83	0.23	0.065	26
1566933	Soil	0.9	42.7	7.8	52	0.2	30.8	11.7	218	2.86	400.2	33.8	7.2	88	0.2	3.2	1.1	46	0.21	0.059	23
1566934	Soil	1.1	45.9	13.6	73	0.2	34.8	16.1	342	3.45	698.8	43.8	6.9	33	0.3	2.3	1.6	61	0.14	0.063	21
1566935	Soil	1.4	43.1	19.0	71	0.2	31.4	12.7	304	4.01	894.2	54.6	7.2	38	0.3	4.1	2.3	66	0.13	0.059	25
1566936	Soil	1.3	25.0	12.8	50	0.1	16.7	6.8	204	2.90	554.3	26.2	4.7	21	0.1	1.9	1.1	48	0.08	0.048	20
1566937	Soil	1.1	19.0	10.2	38	0.2	18.2	5.6	144	2.32	321.5	28.5	3.7	15	0.2	1.6	0.9	46	0.08	0.032	19
1566938	Soil	1.5	43.0	19.3	83	0.1	41.2	15.5	428	3.96	895.8	44.9	6.6	23	0.2	4.0	2.3	70	0.15	0.064	30



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	Method	Analyte	Unit	MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201			
					Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
					ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
					1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1566891	Soil	28	0.65	129	0.055	2	2.10	0.010	0.15	0.4	0.04	3.4	0.3	<0.05	6	<0.5	<0.2			
1566892	Soil	68	0.82	198	0.097	2	1.84	0.009	0.16	0.3	0.04	3.6	0.3	<0.05	5	<0.5	<0.2			
1566893	Soil	27	0.45	86	0.041	2	1.65	0.007	0.07	0.2	0.04	2.2	0.2	<0.05	5	<0.5	<0.2			
1566894	Soil	20	0.26	68	0.024	2	0.95	0.004	0.05	0.2	0.04	1.0	0.1	<0.05	5	<0.5	<0.2			
1566895	Soil	71	1.25	159	0.089	1	2.65	0.009	0.44	0.3	0.04	10.8	0.3	<0.05	10	<0.5	<0.2			
1566896	Soil	65	1.07	187	0.062	<1	2.38	0.007	0.44	0.2	0.03	7.3	0.3	<0.05	8	0.5	<0.2			
1566897	Soil	38	0.63	111	0.056	2	2.01	0.006	0.10	0.3	0.06	4.5	0.2	<0.05	7	0.6	<0.2			
1566898	Soil	30	0.45	77	0.041	2	1.76	0.005	0.07	0.4	0.06	2.7	0.2	<0.05	6	<0.5	<0.2			
1566899	Soil	25	0.44	91	0.043	2	1.18	0.006	0.05	0.7	0.04	2.3	0.1	<0.05	4	<0.5	<0.2			
1566900	Soil	24	0.33	75	0.032	1	1.54	0.005	0.04	0.3	0.05	2.0	0.1	<0.05	4	<0.5	<0.2			
1566901	Soil	26	0.43	110	0.034	2	1.56	0.006	0.05	0.3	0.05	2.8	0.1	<0.05	4	<0.5	<0.2			
1566902	Soil	22	0.22	54	0.040	1	1.32	0.005	0.04	0.2	0.05	1.8	0.1	<0.05	7	<0.5	<0.2			
1566921	Soil	58	0.86	91	0.051	1	2.11	0.004	0.20	0.2	0.03	4.7	0.2	<0.05	6	<0.5	<0.2			
1566922	Soil	43	0.52	74	0.041	1	1.63	0.005	0.11	0.2	0.06	2.5	0.1	<0.05	7	<0.5	<0.2			
1566923	Soil	46	0.75	134	0.065	1	1.90	0.008	0.25	0.3	0.04	5.4	0.2	<0.05	6	<0.5	<0.2			
1566924	Soil	50	0.74	150	0.087	2	2.36	0.011	0.20	0.4	0.05	6.6	0.3	<0.05	7	<0.5	<0.2			
1566925	Soil	68	1.10	186	0.085	<1	2.48	0.013	0.47	0.4	0.05	7.3	0.5	<0.05	8	<0.5	<0.2			
1566926	Soil	66	1.00	232	0.085	1	2.74	0.014	0.38	0.5	0.06	7.0	0.5	0.05	9	<0.5	<0.2			
1566927	Soil	50	0.74	164	0.067	1	1.99	0.009	0.20	0.7	0.03	4.3	0.3	<0.05	6	<0.5	<0.2			
1566928	Soil	49	0.69	136	0.068	<1	1.78	0.009	0.22	1.0	0.04	4.0	0.4	<0.05	6	<0.5	<0.2			
1566929	Soil	47	0.59	158	0.059	<1	1.85	0.009	0.23	0.8	0.06	3.1	0.4	0.06	7	<0.5	<0.2			
1566930	Soil	56	0.78	138	0.071	<1	2.23	0.010	0.27	1.9	0.05	4.2	0.6	<0.05	6	<0.5	<0.2			
1566931	Soil	56	0.64	116	0.093	<1	1.76	0.008	0.18	1.1	0.04	4.0	0.4	<0.05	7	<0.5	<0.2			
1566932	Soil	78	1.00	259	0.075	<1	2.96	0.012	0.44	1.1	0.05	6.7	0.7	0.07	9	<0.5	<0.2			
1566933	Soil	40	0.62	171	0.056	<1	1.62	0.010	0.26	1.2	0.03	3.5	0.4	<0.05	5	<0.5	<0.2			
1566934	Soil	40	0.61	182	0.079	2	1.92	0.012	0.19	1.2	0.04	4.2	0.4	<0.05	6	<0.5	<0.2			
1566935	Soil	42	0.64	169	0.077	1	2.17	0.013	0.23	1.0	0.05	4.4	0.5	0.07	7	<0.5	<0.2			
1566936	Soil	28	0.33	88	0.045	<1	1.71	0.007	0.10	0.5	0.04	2.5	0.3	<0.05	5	<0.5	<0.2			
1566937	Soil	28	0.37	86	0.062	2	1.34	0.007	0.13	0.9	0.04	2.4	0.3	<0.05	6	<0.5	<0.2			
1566938	Soil	49	0.74	181	0.075	2	2.35	0.010	0.23	0.6	0.05	5.2	0.5	0.05	8	<0.5	<0.2			



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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1566939	Soil	1.0	32.6	9.6	63	0.1	30.0	15.0	309	2.79	395.6	37.4	6.6	21	0.2	2.0	1.0	47	0.15	0.054	18
1566940	Soil	1.0	20.6	11.1	52	<0.1	23.3	11.3	316	2.71	217.3	9.6	5.3	13	0.1	1.0	0.5	52	0.10	0.038	18
1566941	Soil	1.1	31.9	12.8	70	0.2	32.0	12.1	306	3.00	550.0	34.6	5.0	20	0.2	2.7	1.7	53	0.18	0.061	26
1566942	Soil	1.2	38.4	12.8	73	0.5	38.4	22.0	368	3.25	982.3	155.6	10.0	29	0.2	4.7	2.2	50	0.26	0.053	33
1566943	Soil	1.2	29.2	10.8	61	0.2	27.8	13.0	256	3.01	670.6	29.7	5.4	17	0.1	1.3	1.1	53	0.09	0.043	20
1566944	Soil	1.0	36.7	10.1	57	0.3	24.2	9.9	213	3.15	699.3	71.9	4.8	23	0.1	2.1	1.1	46	0.08	0.045	22
1566945	Soil	1.2	18.3	10.2	37	0.1	15.8	5.2	132	2.23	349.7	20.4	4.1	18	0.1	1.2	0.8	46	0.08	0.038	21
1566946	Soil	1.1	43.3	9.8	56	0.3	26.7	11.4	215	2.98	715.9	49.6	6.0	31	0.2	3.1	1.2	40	0.14	0.061	23
1566947	Soil	0.9	34.4	10.5	54	0.2	26.0	11.0	190	3.14	619.5	66.4	6.1	23	0.3	1.6	1.2	50	0.15	0.060	20
1566948	Soil	1.3	30.4	18.2	55	0.3	23.1	8.3	203	2.97	573.4	51.0	4.5	30	0.2	2.3	1.5	50	0.09	0.055	22
1566949	Soil	1.2	52.0	10.2	64	0.2	37.8	16.4	308	3.85	465.9	28.5	8.1	100	0.2	4.7	1.4	66	0.17	0.049	25
1566950	Soil	1.4	55.0	19.2	80	0.2	43.9	18.4	345	4.23	658.6	48.8	8.8	57	0.2	4.0	1.5	71	0.15	0.051	26
1567001	Soil	1.4	15.5	10.9	51	0.3	20.2	9.4	245	2.85	26.2	1.6	4.9	12	0.1	0.6	0.5	56	0.09	0.032	15
1567002	Soil	1.0	25.4	13.0	50	0.3	20.5	7.9	194	2.33	47.6	21.0	6.6	11	0.1	0.6	2.3	43	0.09	0.023	17
1567003	Soil	1.4	29.1	13.3	55	<0.1	22.8	7.9	207	3.11	350.2	28.4	6.5	8	0.1	0.6	3.3	36	0.06	0.028	20
1567004	Soil	1.4	28.5	14.8	57	0.4	24.9	9.2	227	3.16	442.3	59.8	8.9	8	0.2	0.9	3.9	40	0.06	0.022	21
1567005	Soil	1.4	16.3	12.7	43	<0.1	14.8	5.6	177	2.76	326.3	9.8	5.0	8	0.1	0.5	2.1	44	0.07	0.028	19
1567006	Soil	1.6	14.8	9.7	37	0.1	13.7	4.5	120	2.01	94.8	9.7	2.1	10	<0.1	0.6	0.9	44	0.06	0.023	20
1567007	Soil	1.2	23.4	16.2	93	1.1	22.3	12.9	925	2.91	89.5	9.0	1.2	29	0.5	0.4	1.2	45	0.39	0.073	29
1567008	Soil	1.1	19.0	14.3	71	<0.1	22.2	9.4	446	3.20	402.2	3.8	5.1	11	0.3	0.6	1.5	46	0.09	0.040	22
1567009	Soil	0.9	23.8	13.2	66	0.1	22.9	8.0	218	2.75	183.4	14.9	5.8	10	0.3	0.5	1.4	44	0.08	0.031	19
1567010	Soil	0.7	21.4	12.0	46	<0.1	16.1	5.4	176	1.98	48.5	11.4	1.8	13	0.4	0.4	1.1	38	0.12	0.038	21
1567011	Soil	0.9	19.9	8.8	51	0.1	17.3	5.5	165	2.03	45.6	8.9	3.8	11	0.3	0.4	1.1	39	0.10	0.033	17
1567012	Soil	0.7	36.3	17.3	35	0.4	11.5	3.6	94	1.64	21.0	5.6	0.4	15	1.5	0.2	1.4	29	0.11	0.085	16
1567013	Soil	1.0	26.9	12.3	73	0.2	21.1	8.0	277	2.86	44.3	10.5	4.4	15	0.5	0.4	1.4	49	0.14	0.038	19
1567014	Soil	1.1	26.7	12.0	73	0.2	21.0	7.7	240	2.73	57.1	13.0	4.3	17	0.3	0.4	1.6	49	0.15	0.040	17
1567015	Soil	1.2	13.0	15.8	46	1.2	10.9	3.8	187	2.49	37.9	4.2	2.4	15	0.9	0.3	2.1	61	0.15	0.030	17
1567016	Soil	0.9	38.8	14.5	36	0.4	14.9	6.1	290	2.19	12.9	10.0	0.6	12	0.8	0.2	1.4	38	0.10	0.107	18
1567017	Soil	0.8	18.2	9.3	54	<0.1	17.0	6.5	182	2.26	24.9	17.1	3.9	9	<0.1	0.3	0.8	37	0.12	0.039	21
1567018	Soil	1.0	19.3	10.6	53	<0.1	14.3	6.0	230	2.30	17.9	7.5	5.3	9	0.1	0.3	1.4	42	0.08	0.028	18



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	Method	Analyte	AQ201															AQ201	
			Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se		Te
			ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm		ppm
			1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5		0.2
1566939	Soil	29	0.51	130	0.064	1	1.66	0.009	0.14	1.8	0.02	3.5	0.3	<0.05	4	<0.5	<0.2		
1566940	Soil	30	0.48	115	0.063	1	1.84	0.007	0.09	0.8	0.04	3.5	0.2	<0.05	5	<0.5	<0.2		
1566941	Soil	33	0.54	125	0.055	<1	1.69	0.008	0.18	1.5	0.04	3.2	0.4	<0.05	6	<0.5	<0.2		
1566942	Soil	35	0.62	176	0.053	<1	1.89	0.008	0.29	1.4	0.04	3.9	0.5	<0.05	6	<0.5	<0.2		
1566943	Soil	39	0.46	110	0.066	1	1.69	0.008	0.14	4.0	0.05	3.0	0.3	<0.05	6	0.6	<0.2		
1566944	Soil	29	0.45	103	0.060	1	1.53	0.010	0.17	1.4	0.06	2.6	0.4	0.07	5	<0.5	<0.2		
1566945	Soil	28	0.34	89	0.061	1	1.37	0.007	0.13	0.8	0.06	2.4	0.3	<0.05	5	<0.5	<0.2		
1566946	Soil	28	0.45	123	0.051	1	1.47	0.011	0.17	1.2	0.05	2.7	0.4	0.08	5	<0.5	<0.2		
1566947	Soil	39	0.44	126	0.067	1	1.38	0.009	0.12	1.4	0.05	3.0	0.3	0.07	4	<0.5	<0.2		
1566948	Soil	33	0.48	124	0.061	1	1.58	0.009	0.18	1.0	0.05	2.9	0.4	0.07	6	<0.5	<0.2		
1566949	Soil	60	0.88	208	0.079	<1	2.37	0.009	0.34	0.8	0.03	5.0	0.5	<0.05	8	<0.5	<0.2		
1566950	Soil	58	0.79	192	0.070	1	2.50	0.010	0.28	1.5	0.06	4.8	0.5	0.06	8	<0.5	<0.2		
1567001	Soil	49	0.45	127	0.043	<1	1.94	0.005	0.06	0.3	0.04	3.2	0.2	<0.05	5	<0.5	<0.2		
1567002	Soil	27	0.38	137	0.041	1	1.70	0.005	0.07	5.7	0.04	2.7	0.2	<0.05	5	<0.5	<0.2		
1567003	Soil	26	0.36	89	0.025	1	1.35	0.004	0.09	5.2	0.02	2.3	0.3	<0.05	4	0.7	<0.2		
1567004	Soil	28	0.30	95	0.021	1	1.60	0.004	0.08	5.3	0.05	3.3	0.3	<0.05	4	0.8	<0.2		
1567005	Soil	23	0.29	89	0.023	1	1.31	0.004	0.08	4.2	0.03	2.2	0.2	<0.05	5	<0.5	<0.2		
1567006	Soil	18	0.24	83	0.026	<1	0.96	0.004	0.05	1.0	0.02	1.7	0.2	<0.05	5	<0.5	<0.2		
1567007	Soil	31	0.44	272	0.020	1	1.64	0.008	0.08	0.7	0.05	2.1	0.3	<0.05	5	<0.5	<0.2		
1567008	Soil	32	0.50	119	0.041	<1	1.51	0.006	0.11	1.7	0.03	2.7	0.2	<0.05	5	<0.5	<0.2		
1567009	Soil	32	0.50	137	0.044	<1	1.82	0.006	0.12	1.9	0.03	3.0	0.3	<0.05	6	0.7	<0.2		
1567010	Soil	23	0.38	119	0.035	2	1.28	0.008	0.08	1.1	0.04	2.0	0.2	<0.05	4	0.7	<0.2		
1567011	Soil	24	0.42	104	0.050	<1	1.26	0.007	0.09	1.5	0.03	2.6	0.2	<0.05	4	<0.5	<0.2		
1567012	Soil	21	0.21	149	0.008	1	1.15	0.008	0.06	0.8	0.05	0.6	0.2	<0.05	5	<0.5	<0.2		
1567013	Soil	33	0.54	132	0.061	1	1.76	0.007	0.12	2.1	0.05	3.4	0.4	<0.05	6	<0.5	<0.2		
1567014	Soil	34	0.52	130	0.055	1	1.74	0.007	0.11	2.1	0.03	2.9	0.3	<0.05	6	<0.5	<0.2		
1567015	Soil	24	0.25	132	0.047	<1	1.11	0.006	0.09	2.4	0.03	2.2	0.2	<0.05	7	<0.5	<0.2		
1567016	Soil	23	0.27	112	0.011	<1	1.18	0.008	0.06	1.1	0.04	0.9	0.3	<0.05	5	<0.5	<0.2		
1567017	Soil	25	0.39	99	0.039	<1	1.34	0.004	0.11	1.5	0.02	2.5	0.3	<0.05	4	<0.5	<0.2		
1567018	Soil	26	0.41	86	0.056	1	1.40	0.005	0.13	4.0	0.01	2.4	0.3	<0.05	5	<0.5	<0.2		



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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1567019	Soil	0.9	32.1	11.7	49	0.2	14.8	6.2	180	1.72	10.6	6.2	0.6	18	0.3	0.3	1.4	34	0.18	0.038	16
1567020	Soil	0.9	13.2	7.7	45	<0.1	13.2	4.5	139	1.82	10.5	3.1	2.0	11	0.1	0.5	0.7	35	0.12	0.044	15
1567021	Soil	0.7	13.9	7.6	44	0.2	14.1	4.5	109	1.62	9.8	6.8	0.5	13	<0.1	0.3	0.6	36	0.14	0.049	13
1567022	Soil	0.9	27.4	9.5	57	0.2	20.5	6.4	257	2.24	30.5	15.4	2.6	25	0.2	0.6	1.5	39	0.21	0.051	24
1567023	Soil	0.9	22.9	11.1	64	0.1	22.7	8.3	279	2.53	26.7	7.6	5.3	15	0.2	0.5	1.0	40	0.14	0.050	21
1567024	Soil	0.9	36.8	14.4	53	0.4	20.3	7.5	210	2.23	28.8	11.6	3.8	13	0.1	0.5	1.1	38	0.10	0.042	26
1567025	Soil	1.2	70.5	18.3	142	0.2	53.2	19.9	476	5.80	407.1	32.4	16.3	46	0.2	5.5	0.5	138	0.21	0.064	58
1567026	Soil	1.0	21.3	13.5	48	0.1	18.0	6.1	188	2.59	24.9	2.7	1.9	13	<0.1	1.7	0.3	50	0.06	0.047	19
1567027	Soil	1.1	20.3	15.1	65	0.1	27.3	9.1	248	2.85	64.8	3.5	2.8	14	0.2	1.8	0.3	53	0.06	0.040	20
1567028	Soil	1.4	51.3	25.9	103	0.3	61.9	29.2	752	3.92	478.2	54.5	11.6	35	0.6	12.0	0.8	52	0.12	0.070	38
1567029	Soil	1.4	39.1	24.2	82	0.4	36.4	8.3	243	3.29	232.7	18.0	1.4	32	0.3	5.4	0.6	54	0.16	0.084	26
1567030	Soil	1.3	43.2	26.4	85	0.5	42.0	7.7	267	3.62	226.7	6.3	3.4	33	0.4	2.4	0.7	57	0.15	0.101	35
1567031	Soil	1.1	50.3	28.1	85	0.4	41.3	14.3	377	3.39	239.5	16.8	5.9	33	0.6	2.4	0.8	63	0.14	0.085	33
1567032	Soil	0.7	74.3	25.8	92	0.4	51.1	25.7	757	4.05	151.2	11.8	6.5	34	0.4	2.4	0.4	92	0.21	0.074	21
1567033	Soil	2.1	36.7	50.9	64	0.7	22.7	6.1	203	3.21	245.3	8.2	1.5	16	0.7	1.5	0.6	39	0.06	0.105	25
1567034	Soil	1.0	64.7	795.8	707	3.7	30.6	19.8	1222	5.15	3093.3	84.4	16.6	44	24.0	6.9	3.0	47	0.26	0.097	38
1567035	Soil	1.4	118.1	1302.4	245	5.6	29.6	16.1	1230	9.53	1689.1	36.1	14.6	52	2.1	6.1	4.9	108	0.03	0.095	20
1567036	Soil	1.4	136.7	1293.8	297	5.5	40.6	42.4	1640	8.73	1811.4	30.3	14.9	52	7.3	10.7	4.9	81	0.04	0.091	23
1567037	Soil	3.3	79.0	487.4	126	2.8	23.6	11.5	403	5.20	1120.0	37.8	11.5	38	2.6	48.2	3.9	38	0.10	0.090	38
1567038	Soil	1.0	103.9	1270.8	503	6.6	54.1	34.7	1831	6.63	1437.7	46.8	11.2	41	11.8	6.0	2.8	71	0.12	0.082	18
1567039	Soil	1.0	55.4	748.9	165	4.4	20.2	8.7	640	4.38	1812.6	18.4	4.3	27	4.5	5.0	1.9	58	0.08	0.064	15
1567040	Soil	1.0	95.4	1755.1	323	5.2	32.7	16.2	1452	7.47	2436.1	69.8	6.1	47	5.2	8.8	4.6	116	0.08	0.074	15
1567041	Soil	0.8	93.5	1119.1	364	6.1	32.9	25.5	1831	7.57	1381.5	43.5	9.6	38	9.7	8.1	3.4	91	0.06	0.072	23
1567042	Soil	1.1	102.2	145.3	203	1.8	65.9	24.0	1505	6.15	669.3	21.7	2.3	43	5.1	6.8	1.7	99	0.56	0.173	27
1567043	Soil	0.8	92.5	815.2	379	10.2	37.0	22.8	1056	6.18	5461.3	217.2	2.5	67	12.3	39.4	5.7	73	0.07	0.068	17
1567044	Soil	1.1	49.7	356.2	184	3.3	27.3	14.9	793	4.64	1700.3	18.0	3.5	17	4.2	7.7	2.0	58	0.08	0.052	15
1567045	Soil	1.5	38.6	242.3	104	3.9	17.0	5.4	264	3.08	610.6	14.1	1.0	18	1.0	3.7	1.5	51	0.05	0.080	18
1567046	Soil	2.0	53.6	251.3	197	1.6	41.4	11.3	577	5.07	902.3	19.3	6.9	31	3.1	5.3	2.0	59	0.11	0.073	25
1567047	Soil	1.8	58.1	161.2	100	2.0	24.3	6.3	202	4.11	778.4	20.2	1.6	22	1.1	2.9	1.4	46	0.09	0.105	25
1567048	Soil	1.5	145.4	1132.5	300	4.9	25.7	15.5	987	7.76	1435.8	35.8	11.0	42	2.8	6.4	3.5	83	0.05	0.084	22



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Project: Clear Creek

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1567019	Soil	24	0.31	157	0.025	<1	1.13	0.007	0.07	3.7	0.03	1.4	0.2	<0.05	5	<0.5	<0.2
1567020	Soil	22	0.34	85	0.038	<1	1.02	0.005	0.07	2.5	0.03	1.9	0.2	<0.05	4	<0.5	<0.2
1567021	Soil	23	0.33	93	0.028	<1	1.07	0.006	0.08	3.2	0.04	1.5	0.2	<0.05	4	<0.5	<0.2
1567022	Soil	28	0.41	184	0.054	1	1.31	0.007	0.17	7.1	0.03	2.6	0.3	<0.05	5	<0.5	<0.2
1567023	Soil	31	0.49	126	0.065	1	1.35	0.007	0.18	3.8	0.04	2.4	0.3	<0.05	4	<0.5	<0.2
1567024	Soil	31	0.47	119	0.049	<1	1.47	0.005	0.17	2.9	0.03	2.7	0.4	<0.05	4	<0.5	<0.2
1567025	Soil	61	1.87	373	0.102	<1	4.25	0.007	0.92	<0.1	<0.01	12.1	1.1	<0.05	12	<0.5	<0.2
1567026	Soil	28	0.40	68	0.033	<1	1.35	0.006	0.06	0.2	0.04	2.2	0.1	<0.05	5	<0.5	<0.2
1567027	Soil	42	0.49	84	0.039	<1	1.59	0.006	0.07	0.3	0.04	2.4	0.2	<0.05	5	<0.5	<0.2
1567028	Soil	54	0.93	103	0.040	<1	1.87	0.012	0.15	0.4	0.02	4.3	0.2	<0.05	6	<0.5	<0.2
1567029	Soil	52	0.75	115	0.029	1	1.96	0.011	0.11	0.3	0.04	3.1	0.2	0.09	6	0.6	<0.2
1567030	Soil	56	0.93	147	0.034	<1	2.24	0.010	0.23	0.2	0.05	3.9	0.3	0.12	6	<0.5	<0.2
1567031	Soil	45	0.86	137	0.043	1	1.93	0.008	0.18	0.3	0.03	4.4	0.2	<0.05	7	<0.5	<0.2
1567032	Soil	84	1.19	140	0.068	<1	2.39	0.007	0.35	0.2	0.03	8.2	0.3	<0.05	7	<0.5	<0.2
1567033	Soil	39	0.58	63	0.018	2	1.58	0.009	0.07	0.2	0.05	2.1	0.1	0.10	5	<0.5	<0.2
1567034	Soil	27	0.92	115	0.043	<1	1.77	0.016	0.31	1.8	0.03	4.7	0.6	0.07	5	<0.5	<0.2
1567035	Soil	96	1.65	121	0.117	<1	3.06	0.081	0.91	2.9	0.05	9.9	1.1	1.02	10	1.0	<0.2
1567036	Soil	74	1.34	105	0.078	<1	2.66	0.072	0.67	1.0	0.06	7.4	0.9	0.69	7	0.5	<0.2
1567037	Soil	28	0.62	97	0.027	<1	1.55	0.032	0.12	0.8	0.06	2.7	0.2	0.22	5	0.7	<0.2
1567038	Soil	72	1.31	135	0.078	<1	2.64	0.058	0.47	1.2	0.09	6.7	0.8	0.36	7	0.7	<0.2
1567039	Soil	39	0.73	116	0.048	1	1.83	0.034	0.28	1.5	0.08	3.6	0.5	0.25	6	<0.5	<0.2
1567040	Soil	174	1.63	119	0.073	1	2.75	0.047	0.55	0.5	0.10	8.5	0.9	0.44	9	0.6	<0.2
1567041	Soil	72	1.51	141	0.081	<1	2.75	0.025	0.69	1.2	0.05	7.4	1.1	0.31	8	<0.5	<0.2
1567042	Soil	97	1.02	95	0.026	1	2.05	0.008	0.11	0.4	0.08	6.6	0.2	0.09	7	<0.5	<0.2
1567043	Soil	56	0.74	164	0.031	1	1.95	0.011	0.24	0.5	0.11	5.9	0.5	0.22	6	0.6	0.2
1567044	Soil	36	0.63	114	0.048	1	1.66	0.008	0.16	0.6	0.07	4.1	0.3	0.12	5	<0.5	<0.2
1567045	Soil	28	0.23	67	0.017	1	1.18	0.009	0.10	0.3	0.09	1.6	0.2	0.12	5	<0.5	<0.2
1567046	Soil	53	0.84	106	0.046	1	1.96	0.019	0.18	0.5	0.06	3.7	0.3	0.12	7	<0.5	<0.2
1567047	Soil	36	0.58	84	0.018	2	1.86	0.016	0.09	0.2	0.07	2.1	0.2	0.12	6	0.6	<0.2
1567048	Soil	72	1.41	93	0.073	<1	2.88	0.035	0.56	1.7	0.07	6.8	0.9	0.47	8	0.9	<0.2



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CERTIFICATE OF ANALYSIS

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1567049	Soil	1.4	76.7	549.9	353	2.5	34.1	34.4	1346	5.34	1754.3	45.9	13.4	33	5.9	4.7	3.1	69	0.11	0.088	30
1567050	Soil	0.8	73.7	45.1	102	1.3	52.3	17.9	521	4.86	249.4	27.9	5.7	31	0.6	3.4	0.7	109	0.33	0.073	34
1567051	Soil	1.4	32.7	21.1	86	0.3	33.6	11.8	417	3.48	319.7	10.6	3.2	28	0.5	3.2	0.7	55	0.11	0.067	27
1567052	Soil	1.2	40.8	50.1	100	0.6	36.8	17.3	562	3.79	1117.9	19.8	5.7	34	1.0	3.7	1.8	58	0.14	0.073	23
1567053	Soil	1.8	24.5	52.9	48	0.8	20.1	5.2	253	2.77	621.0	10.8	1.8	21	0.4	2.5	1.5	50	0.07	0.075	18
1567054	Soil	1.1	59.7	69.3	97	2.0	37.8	9.6	453	4.39	937.9	21.3	3.5	39	1.7	4.5	3.2	66	0.16	0.093	23
1567055	Soil	1.3	36.3	26.3	67	0.5	30.4	8.1	293	3.08	440.1	12.2	1.4	34	0.5	3.4	1.5	58	0.11	0.086	16
1567056	Soil	1.5	18.3	11.8	43	0.2	18.8	6.7	198	2.40	88.1	6.9	1.1	12	0.1	2.7	0.3	64	0.06	0.076	16
1567057	Soil	1.1	42.8	28.1	89	0.8	38.4	13.1	370	3.47	302.2	16.9	3.9	27	0.3	3.3	0.8	52	0.09	0.058	26
1567058	Soil	1.2	26.0	14.7	66	<0.1	33.1	11.9	436	3.44	150.7	20.0	3.8	17	0.1	2.1	0.4	59	0.10	0.054	19
1567059	Soil	1.3	60.5	22.3	81	0.5	55.1	13.6	256	4.42	650.6	51.4	6.3	130	0.2	14.0	0.8	50	0.22	0.100	39
1567162	Soil	1.0	15.0	12.1	36	0.3	12.1	3.9	116	2.00	19.4	7.8	1.0	10	0.2	0.4	1.2	41	0.07	0.052	17
1567163	Soil	1.2	20.4	12.6	51	0.2	17.6	6.2	222	2.47	19.6	10.1	1.6	10	0.1	0.5	1.1	45	0.06	0.055	19
1567164	Soil	0.9	17.5	11.5	52	0.1	18.0	6.4	175	2.44	16.3	8.0	2.7	11	<0.1	0.6	0.7	41	0.11	0.049	17
1567165	Soil	0.9	16.7	10.7	60	0.1	19.3	6.7	210	2.34	13.5	9.1	3.8	13	0.1	0.6	0.5	45	0.14	0.052	18
1567166	Soil	1.0	18.0	9.2	58	0.1	18.7	6.9	164	2.34	11.8	8.3	2.9	12	0.1	0.5	0.6	40	0.15	0.061	18
1567167	Soil	0.9	12.0	8.8	44	<0.1	13.4	4.5	164	1.85	9.7	6.9	0.7	12	0.1	0.4	0.4	37	0.11	0.040	17
1567168	Soil	0.9	15.1	10.5	54	<0.1	16.9	6.0	186	2.33	10.1	13.9	2.5	12	0.1	0.3	1.4	48	0.12	0.032	18
1567169	Soil	1.0	29.2	10.4	77	0.1	26.6	11.2	363	2.94	11.7	37.9	4.9	15	0.3	0.3	3.4	44	0.14	0.042	25
1567170	Soil	1.0	27.8	11.9	62	<0.1	23.1	9.2	295	2.80	80.2	16.4	4.6	13	0.3	0.4	1.7	46	0.11	0.035	26
1567171	Soil	1.0	22.7	10.2	60	<0.1	21.2	8.2	274	2.45	37.1	12.0	5.4	14	0.2	0.4	1.1	43	0.16	0.040	20
1567172	Soil	0.9	22.7	10.5	66	0.1	22.7	8.1	229	2.61	52.8	7.0	4.8	18	0.9	0.3	1.6	44	0.18	0.036	21
1567173	Soil	1.0	24.5	11.5	75	0.1	20.9	8.1	300	2.48	47.1	13.3	6.2	22	0.5	0.3	2.6	43	0.23	0.043	19
1567174	Soil	1.6	21.8	12.6	55	<0.1	15.1	7.0	343	2.29	20.0	24.3	2.1	14	0.1	0.3	3.6	44	0.12	0.048	17
1567175	Soil	0.8	18.8	9.1	57	<0.1	19.0	6.5	184	2.38	11.5	17.2	4.7	14	<0.1	0.3	1.3	36	0.17	0.042	20
1567176	Soil	0.7	10.6	6.9	42	<0.1	13.4	4.4	116	1.74	10.9	7.9	1.7	10	<0.1	0.3	0.5	31	0.11	0.035	15
1567177	Soil	0.7	9.7	9.6	34	<0.1	9.5	3.5	80	1.33	6.5	5.2	0.3	9	<0.1	0.3	0.6	30	0.07	0.043	14
1567178	Soil	0.8	19.0	9.2	58	<0.1	19.3	6.3	143	2.20	13.0	5.7	2.3	13	0.1	0.5	0.9	41	0.13	0.052	16
1567179	Soil	0.9	14.7	8.9	52	0.1	17.1	5.4	185	1.96	10.8	9.2	2.8	20	0.1	0.5	0.8	35	0.26	0.048	18
1567180	Soil	1.2	18.0	10.4	49	<0.1	17.0	5.4	151	2.19	16.4	8.3	3.1	11	0.1	0.6	1.0	42	0.09	0.036	19



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Method Analyte Unit MDL		AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1567049	Soil	55	1.21	131	0.074	<1	2.92	0.026	0.46	1.2	0.05	6.0	0.7	0.21	8	0.9	<0.2
1567050	Soil	89	1.41	127	0.046	<1	2.71	0.007	0.27	0.1	0.03	9.0	0.3	<0.05	9	<0.5	<0.2
1567051	Soil	51	0.80	112	0.040	1	1.91	0.008	0.15	0.3	0.04	3.3	0.2	<0.05	6	<0.5	<0.2
1567052	Soil	58	0.88	156	0.067	<1	2.09	0.014	0.26	0.6	0.04	4.5	0.4	0.06	6	0.6	<0.2
1567053	Soil	47	0.53	90	0.050	1	1.60	0.014	0.17	0.4	0.06	2.5	0.3	0.09	6	<0.5	<0.2
1567054	Soil	79	0.98	153	0.063	2	2.63	0.019	0.29	0.6	0.08	4.4	0.5	0.11	8	<0.5	<0.2
1567055	Soil	52	0.63	96	0.051	<1	1.77	0.012	0.15	0.5	0.06	2.9	0.3	0.11	6	<0.5	<0.2
1567056	Soil	44	0.41	62	0.040	2	1.21	0.006	0.06	0.3	0.07	2.5	0.1	0.08	6	<0.5	<0.2
1567057	Soil	51	0.71	116	0.046	1	2.11	0.019	0.10	0.4	0.07	3.3	0.2	0.10	6	0.5	<0.2
1567058	Soil	58	0.66	79	0.067	1	1.88	0.007	0.08	0.4	0.06	3.1	0.1	<0.05	6	<0.5	<0.2
1567059	Soil	76	1.02	132	0.028	<1	2.40	0.017	0.15	0.2	0.03	3.9	0.2	0.12	7	<0.5	<0.2
1567162	Soil	24	0.22	72	0.033	1	1.21	0.006	0.08	2.0	0.05	1.6	0.2	<0.05	5	0.6	<0.2
1567163	Soil	30	0.34	94	0.043	1	1.33	0.006	0.12	2.7	0.05	2.0	0.3	<0.05	5	<0.5	<0.2
1567164	Soil	28	0.43	98	0.043	<1	1.40	0.005	0.09	1.7	0.03	2.6	0.2	<0.05	4	<0.5	<0.2
1567165	Soil	31	0.50	114	0.065	1	1.42	0.007	0.15	1.9	0.02	2.8	0.3	<0.05	5	<0.5	<0.2
1567166	Soil	29	0.46	119	0.052	1	1.34	0.006	0.12	1.6	0.03	2.4	0.2	<0.05	4	<0.5	<0.2
1567167	Soil	25	0.34	119	0.026	1	1.20	0.006	0.08	0.5	0.03	1.7	0.2	<0.05	5	<0.5	<0.2
1567168	Soil	29	0.49	94	0.067	1	1.64	0.006	0.15	0.9	0.03	2.8	0.4	<0.05	6	<0.5	<0.2
1567169	Soil	31	0.61	126	0.084	1	1.71	0.008	0.27	9.6	0.02	3.3	0.4	<0.05	6	<0.5	<0.2
1567170	Soil	32	0.53	125	0.065	1	1.66	0.009	0.16	1.7	0.02	3.1	0.4	<0.05	5	<0.5	<0.2
1567171	Soil	29	0.52	139	0.062	<1	1.60	0.006	0.14	3.2	0.02	3.7	0.3	<0.05	5	<0.5	<0.2
1567172	Soil	30	0.59	160	0.085	<1	1.74	0.009	0.22	2.6	0.02	3.1	0.5	<0.05	6	<0.5	<0.2
1567173	Soil	29	0.55	118	0.081	1	1.52	0.008	0.23	2.9	0.03	3.3	0.4	<0.05	6	<0.5	<0.2
1567174	Soil	28	0.42	97	0.045	<1	1.56	0.007	0.12	2.5	0.03	2.4	0.3	<0.05	6	<0.5	<0.2
1567175	Soil	25	0.46	92	0.050	1	1.45	0.005	0.14	2.5	0.03	2.8	0.3	<0.05	5	<0.5	<0.2
1567176	Soil	19	0.35	69	0.041	1	1.03	0.005	0.09	0.7	0.02	1.7	0.2	<0.05	4	<0.5	<0.2
1567177	Soil	20	0.28	96	0.017	2	1.03	0.007	0.07	0.9	0.05	0.8	0.2	<0.05	5	<0.5	<0.2
1567178	Soil	28	0.45	162	0.042	2	1.44	0.006	0.11	6.0	0.03	2.3	0.3	<0.05	5	<0.5	<0.2
1567179	Soil	25	0.39	151	0.041	2	1.13	0.007	0.10	2.6	0.02	2.1	0.2	<0.05	4	<0.5	<0.2
1567180	Soil	25	0.34	89	0.050	1	1.08	0.007	0.12	2.8	0.02	2.0	0.3	<0.05	4	<0.5	<0.2



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	Method	Analyte	Unit	MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201			
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1567181	Soil				1.2	47.3	13.8	60	0.4	29.0	11.0	287	2.76	62.1	39.9	4.5	28	0.1	0.7	2.6	38	0.18	0.048	29
1567182	Soil				1.1	28.3	13.8	57	0.3	24.1	8.8	298	2.82	45.8	17.2	3.8	12	0.1	0.7	2.2	43	0.09	0.046	23
1567183	Soil				1.4	39.2	27.3	66	3.4	21.4	7.5	282	2.60	47.0	22.4	0.5	21	0.8	1.1	2.0	41	0.14	0.141	19
1567184	Soil				0.8	31.4	12.7	62	0.3	23.4	7.8	162	2.60	38.0	20.6	7.0	17	0.2	0.6	1.9	37	0.16	0.050	26
1567185	Soil				1.1	21.4	10.6	58	0.1	20.6	7.1	189	2.41	20.1	7.9	2.6	17	0.1	0.6	0.8	41	0.19	0.052	18
1567186	Soil				1.2	17.8	7.7	32	0.5	11.4	5.8	71	1.38	9.3	10.1	0.4	12	0.3	0.3	0.9	25	0.07	0.129	13
1567187	Soil				0.5	18.4	8.1	58	0.1	19.6	6.1	183	2.13	10.8	4.3	4.2	16	0.1	0.5	0.5	38	0.21	0.058	18
1567188	Soil				0.6	17.4	10.6	53	<0.1	15.5	5.5	162	2.18	10.1	8.8	2.0	11	0.1	0.4	0.7	40	0.12	0.043	17
1567189	Soil				1.0	16.1	10.0	44	<0.1	12.4	3.9	123	1.79	14.1	14.2	1.1	10	<0.1	0.3	1.2	36	0.09	0.037	19
1567190	Soil				0.6	15.8	8.8	48	<0.1	16.1	5.3	138	2.15	13.6	10.7	2.2	11	<0.1	0.4	0.6	36	0.14	0.040	17
1567191	Soil				0.8	16.7	10.7	47	0.2	15.8	5.6	139	2.10	16.7	17.6	1.1	11	0.2	0.4	1.3	41	0.10	0.034	16
1567192	Soil				1.0	25.2	13.6	69	0.1	21.6	8.3	282	2.93	42.6	12.5	5.9	15	0.4	0.4	1.6	53	0.15	0.036	19
1567193	Soil				1.6	28.3	15.9	89	0.1	24.5	14.4	772	3.54	54.5	7.6	4.4	20	0.8	0.4	2.4	59	0.19	0.055	20
1567194	Soil				1.1	28.9	15.3	59	0.2	17.5	10.6	390	2.49	40.1	6.7	4.8	16	0.8	0.4	1.5	45	0.15	0.038	20
1567195	Soil				1.4	23.1	12.0	64	0.2	20.3	8.8	365	2.57	52.1	12.2	2.4	13	0.6	0.4	2.6	47	0.12	0.049	19
1567196	Soil				1.1	32.9	12.5	51	0.4	18.3	7.1	184	2.42	81.6	16.2	0.9	13	0.3	0.3	1.9	43	0.10	0.053	20
1567197	Soil				1.2	22.1	10.4	67	0.1	22.7	7.1	221	2.86	19.0	13.2	5.9	13	0.3	0.5	0.9	47	0.12	0.034	21
1567198	Soil				0.9	22.0	11.9	56	0.1	22.7	11.6	345	2.86	56.1	8.6	6.2	11	0.3	0.5	0.7	46	0.12	0.041	18
1567199	Soil				0.6	23.0	20.2	136	0.8	29.1	11.7	653	3.37	70.0	1469.0	6.3	39	0.6	0.3	1.2	39	0.62	0.072	31
1567200	Soil				1.8	31.4	16.1	69	1.2	21.1	37.5	3430	2.56	65.1	13.2	0.5	41	1.0	0.3	1.2	41	0.58	0.084	21
1566579	Soil				0.6	23.7	17.9	65	<0.1	23.3	11.1	161	2.40	111.6	11.5	4.7	9	0.2	1.3	0.4	29	0.09	0.041	36
1566580	Soil				0.6	31.1	15.3	66	<0.1	14.7	6.3	162	3.15	145.7	18.3	10.0	11	<0.1	0.7	0.4	28	0.06	0.034	47
1566583	Soil				1.1	34.7	11.1	69	<0.1	20.4	8.1	192	3.15	82.7	6.5	8.5	12	0.1	0.5	0.4	35	0.08	0.040	38
1566584	Soil				1.0	30.2	10.8	61	<0.1	21.7	7.9	231	2.88	37.3	5.3	7.2	14	0.1	0.6	0.2	42	0.14	0.045	28
1566585	Soil				0.7	28.1	14.3	67	<0.1	21.9	9.7	214	3.08	137.0	43.3	9.1	11	0.2	0.6	0.7	29	0.05	0.034	45
1566586	Soil				0.8	33.6	13.6	67	<0.1	22.0	10.1	198	3.28	128.7	42.6	11.6	11	0.3	0.7	0.9	28	0.06	0.047	43
1566587	Soil				0.9	23.9	11.2	61	<0.1	21.7	9.1	216	2.84	82.1	10.0	6.2	13	0.1	0.9	0.3	35	0.08	0.041	38
1566589	Soil				1.0	23.3	12.0	59	<0.1	21.1	11.5	271	2.77	40.7	5.0	4.5	11	0.1	0.7	0.3	40	0.08	0.049	31
1566590	Soil				0.8	23.1	11.6	60	<0.1	22.7	9.4	224	2.79	80.2	4.8	4.6	10	0.1	0.7	0.3	40	0.11	0.054	28
1566591	Soil				0.9	27.1	10.9	51	<0.1	17.9	8.1	186	2.83	44.5	3.9	7.1	10	0.1	0.6	0.2	37	0.08	0.042	31



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			Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
			ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
			1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1567181	Soil	34	0.48	170	0.050	<1	1.69	0.008	0.19	16.4	0.04	2.9	0.5	<0.05	5	<0.5	<0.2	
1567182	Soil	33	0.44	135	0.047	2	1.59	0.006	0.19	8.3	0.05	2.7	0.3	<0.05	5	<0.5	<0.2	
1567183	Soil	35	0.31	230	0.019	2	1.59	0.010	0.12	6.0	0.09	1.7	0.4	0.11	5	<0.5	<0.2	
1567184	Soil	30	0.49	142	0.057	<1	1.55	0.006	0.22	10.0	0.04	2.6	0.4	<0.05	5	<0.5	<0.2	
1567185	Soil	27	0.43	122	0.043	1	1.37	0.007	0.11	3.7	0.03	2.3	0.2	<0.05	5	<0.5	<0.2	
1567186	Soil	22	0.17	141	0.005	1	1.07	0.015	0.08	2.7	0.08	0.4	0.2	0.05	3	<0.5	<0.2	
1567187	Soil	26	0.45	127	0.051	2	1.24	0.008	0.11	1.5	0.03	2.7	0.2	<0.05	4	<0.5	<0.2	
1567188	Soil	28	0.43	108	0.040	1	1.51	0.007	0.11	2.0	0.05	2.2	0.3	<0.05	5	<0.5	<0.2	
1567189	Soil	21	0.32	94	0.031	<1	1.15	0.006	0.12	1.8	0.03	1.5	0.3	<0.05	5	<0.5	<0.2	
1567190	Soil	24	0.41	88	0.034	1	1.39	0.009	0.10	0.8	0.03	1.8	0.3	<0.05	4	<0.5	<0.2	
1567191	Soil	27	0.42	86	0.031	2	1.45	0.006	0.09	1.7	0.04	1.8	0.4	<0.05	5	<0.5	<0.2	
1567192	Soil	36	0.53	136	0.063	1	1.82	0.008	0.16	2.1	0.02	3.0	0.4	<0.05	7	<0.5	<0.2	
1567193	Soil	39	0.58	158	0.069	2	1.98	0.011	0.18	3.6	0.03	3.2	0.4	<0.05	8	<0.5	<0.2	
1567194	Soil	27	0.40	140	0.051	1	1.49	0.011	0.11	2.5	0.04	2.9	0.3	<0.05	6	<0.5	<0.2	
1567195	Soil	30	0.47	117	0.049	1	1.52	0.009	0.11	2.4	0.04	2.3	0.3	<0.05	6	<0.5	<0.2	
1567196	Soil	30	0.43	123	0.030	<1	1.80	0.010	0.10	1.2	0.03	1.8	0.3	<0.05	6	<0.5	<0.2	
1567197	Soil	35	0.55	126	0.063	1	1.69	0.007	0.17	1.6	0.03	2.7	0.4	<0.05	6	<0.5	<0.2	
1567198	Soil	30	0.45	115	0.048	1	1.75	0.007	0.12	1.2	0.04	3.0	0.2	<0.05	5	<0.5	<0.2	
1567199	Soil	33	0.56	224	0.036	1	1.92	0.022	0.11	1.3	0.03	3.7	0.2	<0.05	5	<0.5	<0.2	
1567200	Soil	28	0.32	304	0.011	2	1.60	0.009	0.07	0.4	0.04	0.9	0.3	<0.05	5	<0.5	<0.2	
1566579	Soil	22	0.41	79	0.015	2	1.55	0.004	0.06	0.1	0.03	2.3	0.1	<0.05	4	<0.5	<0.2	
1566580	Soil	24	0.64	74	0.016	1	1.69	0.005	0.05	0.1	0.02	2.2	<0.1	<0.05	4	<0.5	<0.2	
1566583	Soil	26	0.65	99	0.024	<1	1.83	0.004	0.06	0.2	0.02	3.0	0.1	<0.05	5	<0.5	<0.2	
1566584	Soil	28	0.57	189	0.032	1	1.69	0.006	0.06	0.2	0.03	3.6	<0.1	<0.05	5	<0.5	<0.2	
1566585	Soil	25	0.60	81	0.021	<1	1.66	0.004	0.09	0.2	0.02	2.2	0.2	<0.05	5	<0.5	<0.2	
1566586	Soil	21	0.41	53	0.021	1	1.29	0.004	0.07	0.3	0.02	2.2	0.2	<0.05	4	<0.5	<0.2	
1566587	Soil	25	0.47	83	0.020	1	1.50	0.004	0.08	0.2	0.02	2.4	0.2	<0.05	5	<0.5	<0.2	
1566589	Soil	26	0.46	81	0.022	<1	1.61	0.005	0.06	0.2	0.03	2.3	0.1	<0.05	5	<0.5	<0.2	
1566590	Soil	27	0.51	97	0.028	1	1.72	0.005	0.07	0.2	0.03	2.5	0.1	<0.05	5	<0.5	<0.2	
1566591	Soil	25	0.48	103	0.026	1	1.59	0.005	0.05	0.2	0.03	2.5	0.1	<0.05	5	<0.5	<0.2	



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Project: Clear Creek

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QUALITY CONTROL REPORT

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Method Analyte Unit MDL		AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																				
1566671	Soil	1.5	100.1	664.9	230	4.7	46.3	21.8	1377	7.66	1190.4	34.5	11.7	45	2.4	3.2	4.1	108	0.09	0.112
REP 1566671	QC	1.5	103.4	645.6	246	4.9	48.8	22.6	1393	7.70	1252.0	34.3	12.1	47	2.6	3.7	4.2	110	0.08	0.120
1566757	Soil	1.4	61.5	12.9	64	0.5	25.7	19.3	354	4.56	1441.3	700.7	7.7	23	0.3	5.7	3.2	33	0.09	0.053
REP 1566757	QC	1.5	62.6	13.0	66	0.5	26.5	19.5	359	4.63	1429.6	709.6	8.2	23	0.3	5.7	3.1	34	0.09	0.055
1566893	Soil	1.1	24.6	12.9	52	<0.1	18.7	7.8	219	2.84	107.0	6.1	3.8	27	0.1	1.6	0.3	49	0.10	0.052
REP 1566893	QC	1.1	24.3	12.9	51	<0.1	18.7	7.9	222	2.84	109.4	6.7	4.0	26	0.1	1.5	0.3	47	0.10	0.051
1566947	Soil	0.9	34.4	10.5	54	0.2	26.0	11.0	190	3.14	619.5	66.4	6.1	23	0.3	1.6	1.2	50	0.15	0.060
REP 1566947	QC	1.0	32.6	10.4	53	0.2	25.4	10.8	192	3.11	604.0	66.2	5.8	23	0.3	1.7	1.2	49	0.14	0.059
1567010	Soil	0.7	21.4	12.0	46	<0.1	16.1	5.4	176	1.98	48.5	11.4	1.8	13	0.4	0.4	1.1	38	0.12	0.038
REP 1567010	QC	0.8	21.4	11.8	46	<0.1	15.3	5.2	181	1.93	51.0	18.8	1.8	13	0.5	0.4	1.1	39	0.13	0.041
1567032	Soil	0.7	74.3	25.8	92	0.4	51.1	25.7	757	4.05	151.2	11.8	6.5	34	0.4	2.4	0.4	92	0.21	0.074
REP 1567032	QC	0.6	75.0	27.6	91	0.4	53.1	25.7	759	3.96	161.4	10.8	7.0	33	0.5	2.6	0.4	91	0.21	0.079
1567171	Soil	1.0	22.7	10.2	60	<0.1	21.2	8.2	274	2.45	37.1	12.0	5.4	14	0.2	0.4	1.1	43	0.16	0.040
REP 1567171	QC	1.0	23.3	10.1	61	<0.1	21.3	8.2	276	2.51	39.8	8.9	5.6	14	0.3	0.4	1.1	42	0.17	0.043
1566587	Soil	0.9	23.9	11.2	61	<0.1	21.7	9.1	216	2.84	82.1	10.0	6.2	13	0.1	0.9	0.3	35	0.08	0.041
REP 1566587	QC	0.9	23.5	11.2	61	<0.1	22.5	9.1	214	2.76	80.7	9.3	6.3	13	0.1	1.0	0.3	34	0.08	0.042
Reference Materials																				
STD DS10	Standard	16.4	162.5	159.4	392	2.0	79.4	13.4	936	2.97	48.4	81.5	7.9	69	2.5	8.9	10.4	49	1.12	0.082
STD DS10	Standard	15.4	151.7	148.3	359	1.8	74.1	12.7	876	2.72	43.9	83.8	7.9	67	2.6	9.7	11.6	45	1.02	0.070
STD DS10	Standard	15.5	163.4	147.2	365	1.9	77.1	12.7	907	2.86	46.5	72.8	7.7	65	2.7	8.2	11.3	46	1.08	0.079
STD DS10	Standard	14.6	147.4	137.3	351	1.9	72.4	12.3	858	2.56	44.6	65.7	7.1	69	2.6	8.2	10.7	44	1.05	0.077
STD DS10	Standard	13.9	149.4	147.1	354	1.8	72.5	12.4	828	2.66	41.7	78.1	7.5	67	2.6	8.9	11.7	41	1.00	0.073
STD DS10	Standard	15.7	155.1	142.0	376	2.0	76.5	13.2	916	2.84	48.8	83.6	7.6	70	2.6	8.6	11.3	49	1.07	0.078
STD DS10	Standard	14.7	156.6	152.3	380	1.9	73.9	13.8	885	2.87	48.9	104.8	8.2	74	2.9	9.3	13.8	46	1.11	0.082
STD DS10	Standard	15.2	159.9	152.7	387	1.9	77.4	13.2	875	2.91	51.1	74.0	9.1	68	2.8	10.3	11.7	45	1.02	0.075
STD OXC129	Standard	1.4	28.5	6.6	43	<0.1	82.9	21.2	432	3.15	0.9	190.7	1.9	196	<0.1	<0.1	<0.1	56	0.72	0.105
STD OXC129	Standard	1.4	26.9	6.4	40	<0.1	77.0	19.9	405	3.01	0.6	185.7	1.9	184	<0.1	<0.1	<0.1	51	0.69	0.091
STD OXC129	Standard	1.3	28.8	6.6	44	<0.1	79.1	21.0	431	3.19	0.9	203.8	1.8	190	<0.1	<0.1	<0.1	53	0.67	0.108



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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																	
1566671	Soil	91	1.83	145	0.127	<1	3.67	0.072	0.95	1.4	0.10	10.6	1.1	0.57	11	0.6	<0.2
REP 1566671	QC	94	2.03	152	0.146	<1	3.94	0.069	0.97	1.6	0.09	11.3	1.1	0.59	12	1.0	<0.2
1566757	Soil	23	0.39	106	0.044	2	1.25	0.019	0.27	8.1	0.03	3.3	0.5	0.16	4	<0.5	<0.2
REP 1566757	QC	24	0.39	106	0.045	<1	1.25	0.020	0.28	9.9	0.04	3.2	0.5	0.17	4	0.8	<0.2
1566893	Soil	27	0.45	86	0.041	2	1.65	0.007	0.07	0.2	0.04	2.2	0.2	<0.05	5	<0.5	<0.2
REP 1566893	QC	27	0.44	86	0.039	2	1.58	0.006	0.07	0.3	0.03	2.3	0.2	<0.05	5	<0.5	<0.2
1566947	Soil	39	0.44	126	0.067	1	1.38	0.009	0.12	1.4	0.05	3.0	0.3	0.07	4	<0.5	<0.2
REP 1566947	QC	39	0.43	128	0.065	1	1.39	0.009	0.12	1.3	0.05	2.7	0.2	0.07	4	<0.5	<0.2
1567010	Soil	23	0.38	119	0.035	2	1.28	0.008	0.08	1.1	0.04	2.0	0.2	<0.05	4	0.7	<0.2
REP 1567010	QC	24	0.38	124	0.037	2	1.35	0.008	0.08	1.1	<0.01	2.1	0.2	<0.05	4	0.8	<0.2
1567032	Soil	84	1.19	140	0.068	<1	2.39	0.007	0.35	0.2	0.03	8.2	0.3	<0.05	7	<0.5	<0.2
REP 1567032	QC	82	1.27	151	0.068	<1	2.47	0.007	0.34	0.3	0.03	7.8	0.3	<0.05	8	<0.5	<0.2
1567171	Soil	29	0.52	139	0.062	<1	1.60	0.006	0.14	3.2	0.02	3.7	0.3	<0.05	5	<0.5	<0.2
REP 1567171	QC	28	0.53	149	0.062	1	1.74	0.007	0.15	3.2	0.02	3.7	0.3	<0.05	5	<0.5	<0.2
1566587	Soil	25	0.47	83	0.020	1	1.50	0.004	0.08	0.2	0.02	2.4	0.2	<0.05	5	<0.5	<0.2
REP 1566587	QC	24	0.47	83	0.020	1	1.54	0.004	0.08	0.2	0.02	2.2	0.2	<0.05	4	<0.5	<0.2
Reference Materials																	
STD DS10	Standard	60	0.86	381	0.081	7	1.18	0.073	0.37	3.5	0.31	3.6	5.7	0.24	5	2.7	5.4
STD DS10	Standard	55	0.76	350	0.081	6	1.04	0.067	0.33	3.0	0.30	3.1	5.1	0.28	4	2.1	5.0
STD DS10	Standard	56	0.81	351	0.082	6	1.07	0.071	0.35	3.1	0.30	3.7	5.4	0.25	5	1.9	5.0
STD DS10	Standard	55	0.82	375	0.082	7	1.07	0.077	0.34	3.3	0.29	3.7	5.0	0.28	4	2.2	5.0
STD DS10	Standard	53	0.76	331	0.075	7	1.00	0.063	0.32	3.0	0.24	2.9	5.1	0.28	4	2.4	4.8
STD DS10	Standard	58	0.79	358	0.088	7	1.07	0.071	0.35	3.5	0.32	3.7	5.5	0.28	5	2.5	4.9
STD DS10	Standard	59	0.78	385	0.092	8	1.05	0.077	0.35	3.5	0.30	3.2	5.3	0.22	5	2.1	5.1
STD DS10	Standard	56	0.84	387	0.086	8	1.19	0.076	0.34	3.3	0.30	3.4	5.3	0.27	5	2.7	4.9
STD OXC129	Standard	54	1.65	51	0.383	1	1.72	0.609	0.41	0.1	<0.01	1.7	<0.1	<0.05	6	<0.5	<0.2
STD OXC129	Standard	52	1.47	47	0.389	1	1.50	0.543	0.36	<0.1	<0.01	1.4	<0.1	<0.05	5	<0.5	<0.2
STD OXC129	Standard	52	1.66	52	0.388	<1	1.62	0.615	0.38	<0.1	<0.01	1.6	<0.1	<0.05	6	<0.5	<0.2



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		AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
STD OXC129	Standard	1.1	27.5	6.3	42	<0.1	77.5	19.8	425	2.98	0.5	189.6	1.6	181	<0.1	<0.1	<0.1	52	0.63	0.094	12
STD OXC129	Standard	1.2	26.1	6.2	39	<0.1	73.8	19.1	391	2.94	<0.5	189.9	1.8	181	<0.1	<0.1	<0.1	50	0.66	0.097	12
STD OXC129	Standard	1.3	27.8	6.1	43	<0.1	77.6	20.7	428	3.22	0.9	208.7	1.9	197	<0.1	<0.1	<0.1	57	0.68	0.107	13
STD OXC129	Standard	1.2	27.9	6.9	42	<0.1	77.2	21.3	431	3.24	0.7	196.1	2.0	201	<0.1	<0.1	<0.1	56	0.70	0.104	13
STD OXC129	Standard	1.5	26.3	6.2	40	<0.1	76.3	19.0	390	3.30	<0.5	206.3	2.1	189	<0.1	<0.1	<0.1	53	0.77	0.098	14
STD DS10 Expected		15.1	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	91.9	7.5	67.1	2.62	9	11.65	43	1.0625	0.0765	17.5
STD OXC129 Expected		1.3	28	6.3	42.9		79.5	20.3	421	3.065	0.6	195	1.9					51	0.665	0.102	13
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	0.2	<0.1	<1	<0.01	0.9	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1



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		AQ201 Cr ppm 1	AQ201 Mg % 0.01	AQ201 Ba ppm 1	AQ201 Ti % 0.001	AQ201 B ppm 1	AQ201 Al % 0.01	AQ201 Na % 0.001	AQ201 K % 0.01	AQ201 W ppm 0.1	AQ201 Hg ppm 0.01	AQ201 Sc ppm 0.1	AQ201 Ti ppm 0.1	AQ201 S % 0.05	AQ201 Ga ppm 1	AQ201 Se ppm 0.5	AQ201 Te ppm 0.2
STD OXC129	Standard	52	1.47	49	0.378	<1	1.54	0.557	0.41	<0.1	<0.01	4.2	<0.1	<0.05	5	<0.5	<0.2
STD OXC129	Standard	48	1.47	47	0.370	<1	1.46	0.551	0.36	<0.1	<0.01	1.1	<0.1	<0.05	5	<0.5	<0.2
STD OXC129	Standard	55	1.59	50	0.413	2	1.57	0.576	0.36	<0.1	<0.01	2.2	<0.1	<0.05	6	<0.5	<0.2
STD OXC129	Standard	56	1.62	54	0.411	3	1.61	0.633	0.39	<0.1	<0.01	0.9	<0.1	<0.05	5	<0.5	<0.2
STD OXC129	Standard	52	1.71	54	0.403	<1	1.75	0.657	0.37	<0.1	<0.01	1.8	<0.1	<0.05	6	0.6	<0.2
STD DS10 Expected		54.6	0.775	359	0.0817		1.0755	0.067	0.338	3.32	0.3	3	5.1	0.29	4.5	2.3	5.01
STD OXC129 Expected		52	1.545	50	0.4	1	1.58	0.6	0.37			1.1			5.6		
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2



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Submitted By: Helena Kuikka
Receiving Lab: Canada-Whitehorse
Received: October 16, 2015
Report Date: November 23, 2015
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CERTIFICATE OF ANALYSIS

WHI15000232.1

CLIENT JOB INFORMATION

Project: Clear Creek
Shipment ID: CC15-02
P.O. Number: NA-15356 v1
Number of Samples: 54

SAMPLE DISPOSAL

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

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: StrataGold Corporation
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CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	54	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA450	54	50g Lead Collection Fire Assay Fusion - AAS Finish	50	Completed	VAN
MA300	54	4 Acid digestion ICP-ES analysis	0.25	Completed	VAN
SHP01	54	Per sample shipping charges for branch shipments			VAN
FA550	10	Lead collection fire assay 50G fusion - Grav finish	50	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. 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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CERTIFICATE OF ANALYSIS

WHI15000232.1

	Method	Analyte	Unit	MDL	WGHT	FA450	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300			
					Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
					kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
					0.01	0.005	2	2	5	2	0.5	2	2	5	0.01	5	20	2	2	0.4	5	5	2	0.01
1566501	Rock				2.12	>10	2	8	157	6	19.2	<2	8	34	9.37	>10000	<20	<2	6	<0.4	103	194	<2	0.02
1566502	Rock				2.95	0.042	2	66	4284	1462	22.7	4	5	1252	3.81	2675	<20	20	105	69.3	27	<5	57	0.77
1566503	Rock				2.87	0.550	<2	47	5827	2207	33.9	4	6	1386	4.15	>10000	<20	18	38	86.5	113	<5	50	0.27
1566504	Rock				3.46	0.081	<2	31	4446	616	25.8	<2	4	1064	3.86	8089	<20	19	43	29.7	43	<5	50	0.19
1566505	Rock				1.84	0.021	<2	117	1130	322	2.1	32	24	407	12.11	5060	<20	14	36	20.0	25	<5	44	0.02
1566506	Rock				3.60	0.673	<2	185	>10000	259	64.7	9	11	332	4.97	>10000	<20	8	44	27.0	73	39	73	0.19
1566507	Rock				3.47	0.918	<2	7	1154	128	6.8	4	8	224	10.46	>10000	<20	4	87	36.8	118	5	20	0.14
1566508	Rock				3.50	0.012	<2	57	2451	258	10.4	13	6	452	4.00	775	<20	12	154	4.5	16	8	92	0.27
1566509	Rock				2.57	>10	<2	2	45	11	8.5	4	3	94	4.14	>10000	<20	2	169	<0.4	33	198	12	0.22
1566510	Rock				2.22	>10	<2	2	83	14	5.8	4	7	128	4.82	>10000	<20	5	274	<0.4	41	55	22	0.84
1566511	Rock				0.96	7.170	<2	3	20	13	1.4	7	4	110	1.85	9034	<20	5	173	<0.4	9	22	12	0.34
1566512	Rock				2.31	5.989	<2	5	287	189	1.8	<2	<2	136	1.67	5068	<20	2	36	3.8	200	24	5	0.17
1566513	Rock				2.24	0.124	<2	50	8852	189	51.0	8	23	578	4.54	>10000	<20	15	40	18.8	117	16	41	0.10
1566514	Rock				1.55	<0.005	<2	18	74	378	<0.5	14	10	1224	3.77	75	53	29	921	7.6	<5	5	112	2.64
1566515	Rock				1.16	0.021	<2	4	22	13	<0.5	5	2	189	0.90	57	<20	7	8	<0.4	<5	7	12	0.15
1566551	Rock				3.92	0.009	<2	8	16	95	<0.5	17	22	886	5.20	253	71	17	567	<0.4	<5	7	125	3.21
1566552	Rock				3.06	1.523	<2	14	41	5	2.5	2	<2	32	0.85	3173	<20	5	25	<0.4	11	18	9	<0.01
1566553	Rock				3.12	>10	<2	3	22	<2	8.1	<2	<2	27	1.60	>10000	<20	<2	3	<0.4	19	43	<2	<0.01
1566554	Rock				1.36	2.776	18	14	8	16	1.0	23	9	83	2.64	8408	<20	12	85	<0.4	12	<5	39	0.06
1566555	Rock				2.24	>10	<2	22	2046	7	150.9	<2	7	35	4.35	>10000	<20	3	16	<0.4	1050	459	2	<0.01
1566556	Rock				1.15	>10	<2	8	131	7	16.3	3	2	44	2.15	>10000	<20	2	10	<0.4	90	93	5	0.02
1566557	Rock				1.47	>10	12	5	296	<2	153.4	5	<2	30	0.34	259	<20	<2	<2	0.8	49	2395	<2	<0.01
1566558	Rock				1.05	>10	<2	68	502	26	32.3	9	8	54	2.73	>10000	<20	4	54	<0.4	209	148	18	0.01
1566577	Rock				1.77	0.082	<2	13	10	21	0.7	8	5	185	1.20	65	<20	9	9	<0.4	<5	8	15	<0.01
1566581	Rock				3.35	0.050	<2	12	<5	6	<0.5	9	2	68	0.74	83	<20	2	2	<0.4	<5	10	4	<0.01
1566582	Rock				1.59	0.008	<2	3	<5	<2	<0.5	<2	<2	30	0.35	31	<20	<2	<2	<0.4	<5	<5	<2	<0.01
1566588	Rock				1.79	0.015	<2	15	<5	25	<0.5	8	2	66	3.90	148	<20	<2	3	<0.4	<5	<5	3	<0.01
1566592	Rock				0.83	0.009	<2	20	14	52	<0.5	12	5	357	2.05	22	<20	12	157	0.5	<5	<5	37	2.64
1566593	Rock				4.47	0.020	<2	23	46	105	9.1	<2	<2	28	0.88	4208	<20	<2	9	0.4	5	21	<2	<0.01
1566594	Rock				3.64	0.023	<2	42	199	319	40.6	<2	3	36	1.21	5727	<20	<2	16	1.1	<5	79	2	<0.01



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Project: Clear Creek

Report Date: November 23, 2015

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CERTIFICATE OF ANALYSIS

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		Method Analyte Unit MDL	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	FA550	
			P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	S	Au
			%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	gm/t
			0.002	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1	0.1	0.9
1566501	Rock	<0.002	<2	14	0.01	23	<0.01	0.11	0.02	0.03	88	3	<2	<2	<2	<1	<1	4.1	47.2	
1566502	Rock	0.095	51	18	0.85	167	0.21	6.04	0.36	2.99	<4	147	53	19	14	4	7	1.1		
1566503	Rock	0.086	42	14	0.81	111	0.15	5.21	0.08	3.73	<4	136	19	17	10	4	6	1.5		
1566504	Rock	0.085	42	17	0.73	124	0.17	5.50	0.07	3.53	<4	133	28	16	11	5	7	1.1		
1566505	Rock	0.061	26	45	0.25	410	0.08	4.51	0.04	2.09	<4	36	18	17	<2	2	7	<0.1		
1566506	Rock	0.026	29	26	0.48	225	0.13	2.74	0.22	1.41	12	35	31	7	15	<1	5	1.1		
1566507	Rock	0.010	11	24	0.24	56	0.06	1.59	0.08	0.69	>200	15	<2	7	<2	<1	3	4.7		
1566508	Rock	0.042	23	51	0.80	506	0.21	3.53	0.34	1.87	<4	39	21	8	5	1	9	0.2		
1566509	Rock	0.024	12	8	0.16	137	0.07	2.37	0.63	1.85	141	18	<2	6	5	2	2	1.7	43.4	
1566510	Rock	0.045	18	9	0.31	69	0.12	3.61	1.01	2.04	>200	21	<2	7	7	3	4	2.2	13.6	
1566511	Rock	0.024	12	7	0.19	471	0.08	2.52	0.70	1.62	33	16	<2	5	6	2	2	0.5		
1566512	Rock	0.009	4	3	0.11	101	0.02	0.90	0.04	0.53	>200	4	12	2	<2	<1	1	0.9		
1566513	Rock	0.035	26	20	0.78	264	0.13	5.06	0.32	2.44	6	38	42	10	9	2	6	1.2		
1566514	Rock	0.166	62	27	1.27	2549	0.38	7.51	1.47	4.13	<4	241	8	28	23	5	14	<0.1		
1566515	Rock	0.009	12	7	0.10	200	0.06	1.96	0.16	0.65	<4	27	<2	3	<2	<1	1	<0.1		
1566551	Rock	0.187	39	24	1.32	1100	0.59	7.36	2.12	2.39	>200	90	<2	35	36	9	13	<0.1		
1566552	Rock	0.007	18	6	0.10	65	0.04	0.99	0.33	0.33	11	12	5	2	<2	<1	1	0.2		
1566553	Rock	<0.002	<2	<2	0.01	29	<0.01	0.13	0.02	0.04	<4	<2	2	<2	<2	<1	<1	0.6	27.4	
1566554	Rock	0.016	20	21	0.38	292	0.12	3.73	1.11	1.75	10	29	4	5	4	2	7	0.5		
1566555	Rock	0.011	<2	<2	0.13	19	<0.01	0.69	0.07	0.15	11	5	3	<2	<2	<1	<1	1.2	166.2	
1566556	Rock	0.003	5	4	0.11	52	0.02	0.64	0.05	0.24	>200	6	<2	3	<2	<1	1	0.8	18.1	
1566557	Rock	<0.002	<2	<2	<0.01	3	<0.01	0.03	<0.01	<0.01	8	<2	<2	<2	<2	<1	<1	<0.1	31.8	
1566558	Rock	0.007	19	7	0.39	31	0.03	1.78	0.19	0.19	5	6	5	<2	<2	1	3	0.9	86.0	
1566577	Rock	0.017	16	8	0.06	106	0.06	2.39	0.02	0.66	<4	25	3	4	2	<1	2	<0.1		
1566581	Rock	0.005	4	4	0.01	26	0.04	0.55	<0.01	0.13	<4	12	<2	<2	<2	<1	<1	<0.1		
1566582	Rock	<0.002	<2	<2	<0.01	2	<0.01	0.02	<0.01	<0.01	<4	<2	<2	<2	<2	<1	<1	<0.1		
1566588	Rock	0.016	3	4	<0.01	14	<0.01	0.22	<0.01	0.05	<4	4	<2	<2	<2	<1	<1	<0.1		
1566592	Rock	0.029	19	24	0.45	558	0.17	4.11	0.82	1.56	<4	32	3	13	6	2	6	0.2		
1566593	Rock	<0.002	<2	<2	<0.01	13	<0.01	0.04	<0.01	0.01	8	<2	<2	<2	<2	3	<1	0.2		
1566594	Rock	0.003	<2	2	<0.01	61	<0.01	0.15	0.03	0.09	18	<2	<2	<2	<2	9	<1	0.3		



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CERTIFICATE OF ANALYSIS

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	Method	WGHT	FA450	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	2	2	5	2	0.5	2	2	5	0.01	5	20	2	2	0.4	5	5	2	0.01
1566595	Rock	2.22	0.009	<2	2	<5	5	<0.5	<2	<2	48	0.39	48	<20	<2	14	<0.4	<5	9	<2	<0.01
1566596	Rock	1.75	0.010	<2	21	28	27	<0.5	2	<2	151	1.57	118	70	21	577	0.8	<5	5	11	1.36
1566597	Rock	1.27	0.966	<2	38	75	46	2.1	10	19	135	3.53	>10000	<20	17	208	2.7	32	10	18	0.43
1566598	Rock	1.53	0.011	<2	48	7	82	<0.5	16	10	938	3.32	30	<20	3	24	1.2	<5	<5	75	0.27
1566599	Rock	1.23	0.009	<2	56	30	157	0.7	44	21	1316	6.25	749	<20	8	61	1.2	7	<5	236	0.38
1566600	Rock	0.84	0.010	<2	32	2015	259	11.3	20	9	1103	2.84	1002	<20	6	54	11.2	18	6	98	0.76
1566601	Rock	1.08	0.042	<2	31	66	78	<0.5	44	14	223	7.74	123	<20	12	253	0.5	5	<5	91	0.02
1566602	Rock	0.75	0.048	<2	3	150	48	4.2	<2	<2	82	1.33	341	<20	6	16	0.7	5	<5	4	0.02
1566603	Rock	0.60	0.275	3	23	251	271	1.4	19	5	105	6.19	2100	<20	29	51	2.4	29	<5	169	0.02
1566604	Rock	1.24	0.007	<2	32	15	88	<0.5	9	5	258	4.03	58	<20	17	91	0.7	6	<5	133	0.05
1566605	Rock	2.01	0.104	5	16	17	8	<0.5	2	<2	19	1.49	547	<20	9	14	0.4	9	10	15	0.02
1566606	Rock	1.16	0.303	<2	7	11	9	2.0	2	<2	27	1.33	2193	<20	5	61	<0.4	13	7	31	<0.01
1566607	Rock	0.86	0.130	<2	7	6	10	0.6	3	<2	31	1.27	797	<20	7	104	<0.4	8	<5	21	0.01
1566608	Rock	1.90	0.028	<2	13	166	86	<0.5	6	2	226	4.03	5117	<20	15	423	1.4	23	<5	78	0.12
1566609	Rock	1.26	0.309	<2	3	59	48	6.4	2	5	445	1.41	269	<20	15	253	<0.4	<5	29	37	0.26
1566610	Rock	0.62	0.053	<2	109	13	78	0.6	25	8	237	4.46	7	<20	13	98	<0.4	<5	6	64	0.19
1566611	Rock	0.97	0.036	<2	76	18	58	<0.5	18	6	185	4.38	8	<20	13	124	<0.4	<5	6	28	1.10
1566612	Rock	0.85	0.464	<2	19	<5	12	<0.5	5	<2	55	1.05	<5	<20	4	15	<0.4	<5	11	5	0.04
1566613	Rock	1.50	0.080	7	76	27	47	<0.5	6	3	218	1.84	<5	<20	16	457	0.5	<5	11	41	1.49
1566614	Rock	1.17	0.053	19	24	17	50	<0.5	6	3	473	2.47	5	<20	17	318	<0.4	6	31	57	1.72
1567201	Rock	1.56	0.015	<2	11	<5	6	<0.5	3	<2	43	0.63	733	<20	4	3	<0.4	9	<5	9	<0.01
1567202	Rock	1.58	0.098	20	49	26	40	<0.5	4	9	436	3.56	601	<20	17	617	0.5	<5	5	61	1.86
1567218	Rock	1.43	<0.005	<2	15	9	26	<0.5	6	<2	33	1.36	<5	<20	6	11	<0.4	14	<5	34	<0.01
1567233	Rock	1.30	0.619	<2	25	376	12	21.4	<2	<2	35	1.08	5757	<20	5	20	0.5	26	49	9	<0.01



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Client: **StrataGold Corporation**

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Vancouver BC V7X 1K8 CANADA

Project: Clear Creek

Report Date: November 23, 2015

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CERTIFICATE OF ANALYSIS

WHI15000232.1

	Method	Analyte	Unit	MDL	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	FA550		
					P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	S	Au
					%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	gm/t
					0.002	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1	0.1	0.9
1566595	Rock		<0.002	<2	2	0.01	46	<0.01	0.27	0.02	0.25	9	<2	<2	<2	<2	<1	<1	<0.1			
1566596	Rock		0.019	37	<2	0.13	2424	0.07	7.67	2.19	3.11	<4	82	4	5	18	4	1	<0.1			
1566597	Rock		0.040	36	3	0.34	994	0.11	6.29	2.00	2.10	<4	62	13	12	10	3	4	0.5			
1566598	Rock		0.019	9	33	0.94	92	0.17	2.45	0.19	0.64	<4	12	8	7	4	<1	8	<0.1			
1566599	Rock		0.075	18	107	2.14	579	0.35	7.05	0.24	3.25	<4	53	36	14	10	2	22	0.5			
1566600	Rock		0.011	13	43	0.88	62	0.22	2.53	0.28	0.71	<4	15	19	8	2	<1	8	0.7			
1566601	Rock		0.047	28	70	0.88	541	0.16	8.93	0.57	2.52	<4	78	3	12	3	3	12	<0.1			
1566602	Rock		0.008	9	<2	0.16	284	0.03	6.83	0.11	3.11	<4	67	15	3	29	4	1	<0.1			
1566603	Rock		0.056	63	51	0.58	1006	0.31	7.83	0.06	3.87	13	296	11	15	19	6	16	<0.1			
1566604	Rock		0.023	34	83	0.91	1066	0.44	9.26	0.38	3.73	<4	72	<2	6	16	4	15	<0.1			
1566605	Rock		0.014	16	6	0.08	530	0.12	6.30	0.02	0.91	31	45	4	3	12	2	3	<0.1			
1566606	Rock		0.018	14	16	0.34	201	0.13	3.45	0.13	1.19	19	26	4	3	4	1	4	<0.1			
1566607	Rock		0.013	15	13	0.25	158	0.11	2.82	0.12	0.74	10	26	2	3	3	1	3	<0.1			
1566608	Rock		0.061	29	29	0.81	1351	0.30	7.17	0.58	2.72	15	37	9	9	16	7	9	<0.1			
1566609	Rock		0.054	25	10	0.33	741	0.13	5.49	0.39	2.66	>200	26	9	9	10	5	5	<0.1			
1566610	Rock		0.059	34	48	0.73	555	0.17	5.46	0.81	2.27	13	45	7	16	5	3	9	<0.1			
1566611	Rock		0.202	27	27	0.15	536	0.15	4.28	0.80	1.03	8	31	6	32	6	1	4	<0.1			
1566612	Rock		0.007	3	4	0.05	52	0.02	0.65	0.08	0.21	<4	4	<2	2	<2	<1	<1	<0.1			
1566613	Rock		0.037	17	20	0.60	2912	0.24	6.66	1.61	2.81	6	42	11	13	13	3	7	<0.1			
1566614	Rock		0.035	20	34	0.75	1033	0.26	6.24	1.78	2.23	>200	52	<2	20	13	4	10	<0.1			
1567201	Rock		0.005	8	5	0.07	73	0.07	1.23	0.03	0.60	14	5	4	<2	5	<1	1	<0.1			
1567202	Rock		0.097	31	19	0.72	698	0.31	7.69	2.32	3.91	164	47	11	23	30	9	9	0.6			
1567218	Rock		0.016	14	18	0.18	309	0.13	3.04	0.02	1.30	<4	31	<2	3	3	<1	4	<0.1			
1567233	Rock		0.007	9	6	0.04	76	0.02	0.81	0.06	0.35	<4	14	2	<2	<2	<1	2	0.2			



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QUALITY CONTROL REPORT

WHI15000232.1

	Method	WGHT	FA450	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	2	2	5	2	0.5	2	2	5	0.01	5	20	2	2	0.4	5	5	2	0.01
Pulp Duplicates																					
REP 1566554	QC			17	14	10	16	1.2	24	9	85	2.65	9373	<20	10	88	<0.4	13	<5	40	0.07
1566558	Rock	1.05	>10	<2	68	502	26	32.3	9	8	54	2.73	>10000	<20	4	54	<0.4	209	148	18	0.01
REP 1566558																					
1567233	Rock	1.30	0.619	<2	25	376	12	21.4	<2	<2	35	1.08	5757	<20	5	20	0.5	26	49	9	<0.01
REP 1567233	QC		0.642	<2	26	369	12	21.0	<2	<2	34	1.05	5527	<20	5	19	0.5	26	51	9	<0.01
Core Reject Duplicates																					
1566554	Rock	1.36	2.776	18	14	8	16	1.0	23	9	83	2.64	8408	<20	12	85	<0.4	12	<5	39	0.06
DUP 1566554	QC		2.910	17	14	10	16	1.4	24	9	84	2.63	8870	<20	12	88	<0.4	14	<5	40	0.07
1567218	Rock	1.43	<0.005	<2	15	9	26	<0.5	6	<2	33	1.36	<5	<20	6	11	<0.4	14	<5	34	<0.01
DUP 1567218	QC		<0.005	<2	15	11	25	<0.5	6	<2	33	1.30	<5	<20	6	11	<0.4	16	<5	34	<0.01
Reference Materials																					
STD AGPROOF	Standard																				
STD AGPROOF	Standard																				
STD AGPROOF	Standard																				
STD OREAS25A-4A	Standard			2	36	27	49	1.4	48	10	509	6.93	14	<20	17	46	0.5	<5	6	170	0.28
STD OREAS25A-4A	Standard			3	32	28	49	<0.5	47	9	512	7.02	10	<20	17	47	<0.4	<5	<5	167	0.29
STD OREAS25A-4A	Standard			<2	33	22	46	<0.5	45	9	486	6.53	8	<20	14	44	1.2	<5	<5	156	0.26
STD OREAS45E	Standard			3	815	22	50	<0.5	484	64	584	25.37	16	<20	13	16	<0.4	8	<5	334	0.06
STD OREAS45E	Standard			3	823	24	51	0.8	497	65	588	26.27	12	<20	12	16	<0.4	9	<5	335	0.06
STD OREAS45E	Standard			<2	773	15	44	0.5	472	63	569	25.40	16	<20	10	16	<0.4	<5	<5	320	0.07
STD OXD108	Standard		0.420																		
STD OXD108	Standard		0.420																		
STD OXD108	Standard		0.414																		
STD OXD108	Standard		0.424																		
STD OXI121	Standard		1.836																		
STD OXI121	Standard		1.788																		
STD OXI121	Standard		1.822																		
STD OXI121	Standard		1.749																		



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QUALITY CONTROL REPORT

WHI15000232.1

Method Analyte Unit MDL		MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	FA550
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	S	Au
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	gm/t
		0.002	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1	0.1	0.9
Pulp Duplicates																			
REP 1566554	QC	0.016	19	21	0.38	299	0.12	3.86	1.13	1.77	10	29	5	5	4	2	7	0.5	
1566558	Rock	0.007	19	7	0.39	31	0.03	1.78	0.19	0.19	5	6	5	<2	<2	1	3	0.9	86.0
REP 1566558	QC																		99.4
1567233	Rock	0.007	9	6	0.04	76	0.02	0.81	0.06	0.35	<4	14	2	<2	<2	<1	2	0.2	
REP 1567233	QC	0.007	9	7	0.04	75	0.02	0.77	0.06	0.34	<4	15	2	<2	<2	<1	2	0.2	
Core Reject Duplicates																			
1566554	Rock	0.016	20	21	0.38	292	0.12	3.73	1.11	1.75	10	29	4	5	4	2	7	0.5	
DUP 1566554	QC	0.016	19	22	0.38	298	0.12	3.93	1.13	1.77	9	29	3	5	4	2	8	0.5	
1567218	Rock	0.016	14	18	0.18	309	0.13	3.04	0.02	1.30	<4	31	<2	3	3	<1	4	<0.1	
DUP 1567218	QC	0.016	13	17	0.18	307	0.13	3.00	0.02	1.28	<4	31	<2	3	4	<1	4	<0.1	
Reference Materials																			
STD AGPROOF	Standard																		<0.9
STD AGPROOF	Standard																		<0.9
STD AGPROOF	Standard																		<0.9
STD OREAS25A-4A	Standard	0.052	21	114	0.33	152	0.96	8.94	0.15	0.53	<4	162	5	11	22	1	13	<0.1	
STD OREAS25A-4A	Standard	0.051	21	120	0.34	153	0.97	9.20	0.14	0.49	<4	159	5	11	22	<1	13	<0.1	
STD OREAS25A-4A	Standard	0.049	18	120	0.33	151	0.92	8.35	0.13	0.51	<4	155	6	10	21	<1	13	<0.1	
STD OREAS45E	Standard	0.036	10	1054	0.16	187	0.54	6.93	0.06	0.36	<4	106	2	8	8	<1	96	<0.1	
STD OREAS45E	Standard	0.036	11	1071	0.16	264	0.55	7.13	0.06	0.35	<4	103	3	9	8	<1	99	<0.1	
STD OREAS45E	Standard	0.034	9	995	0.16	249	0.52	6.72	0.05	0.35	<4	99	5	7	8	<1	90	<0.1	
STD OXD108	Standard																		
STD OXD108	Standard																		
STD OXD108	Standard																		
STD OXD108	Standard																		
STD OXI121	Standard																		
STD OXI121	Standard																		
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QUALITY CONTROL REPORT

WHI15000232.1

		WGHT	FA450	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	2	2	5	2	0.5	2	2	5	0.01	5	20	2	2	0.4	5	5	2	0.01
STD OXN117	Standard		7.784																		
STD OXN117	Standard		7.447																		
STD OXN117	Standard		7.641																		
STD OXN117	Standard		7.694																		
STD SP49	Standard																				
STD SP49	Standard																				
STD SP49	Standard																				
STD SQ70	Standard																				
STD SQ70	Standard																				
STD SQ70	Standard																				
STD OREAS45E Expected				2.4	780	18.2	46.7	0.311	454	57	570	24.12	16.3	2.41	12.9	15.9		1		322	0.065
STD OREAS25A-4A				2.55	33.9	26.6	44.4		45.8	8.2	500	6.7	10.7	2.94	15.8	48.5		0.67	0.35	163	0.283
STD OXD108 Expected			0.414																		
STD OXN117 Expected			7.679																		
STD OXI121 Expected			1.834																		
STD AGPROOF Expected																					
STD SP49 Expected																					
STD SQ70 Expected																					
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank																				
BLK	Blank			<2	<2	<5	<2	<0.5	<2	<2	<5	<0.01	6	<20	<2	<2	<0.4	<5	<5	<2	<0.01
BLK	Blank			<2	<2	<5	<2	<0.5	<2	<2	<5	<0.01	<5	<20	<2	<2	<0.4	<5	<5	<2	<0.01
BLK	Blank		<0.005																		
BLK	Blank			<2	<2	<5	<2	<0.5	<2	<2	<5	<0.01	<5	<20	<2	<2	<0.4	<5	<5	<2	<0.01
BLK	Blank																				
BLK	Blank		<0.005																		
BLK	Blank																				



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QUALITY CONTROL REPORT

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		MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	FA550
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	S	Au
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	gm/t
		0.002	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1	0.1	0.9
STD OXN117	Standard																		
STD OXN117	Standard																		
STD OXN117	Standard																		
STD OXN117	Standard																		
STD SP49	Standard	18.4																	
STD SP49	Standard	18.3																	
STD SP49	Standard	18.4																	
STD SQ70	Standard	39.3																	
STD SQ70	Standard	40.0																	
STD SQ70	Standard	39.0																	
STD OREAS45E Expected		0.034	11	979	0.156	252	0.559	6.78	0.059	0.324	1.07	97	1.32	8.28	6.8	0.62	93	0.046	
STD OREAS25A-4A		0.0495	21.8	120	0.327	151	0.977	8.87	0.134	0.5	2	155	4.2	10.5	20.9	0.93	13.7	0.047	
STD OXD108 Expected																			
STD OXN117 Expected																			
STD OXI121 Expected																			
STD AGPROOF Expected		0																	
STD SP49 Expected		18.34																	
STD SQ70 Expected		39.62																	
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.9																	
BLK	Blank	<0.002	<2	<2	<0.01	<1	<0.01	<0.01	<0.01	<0.01	<4	<2	<2	<2	<2	<1	<1	<0.1	
BLK	Blank	<0.002	<2	<2	<0.01	<1	<0.01	<0.01	<0.01	<0.01	<4	<2	<2	<2	<2	<1	<1	<0.1	
BLK	Blank																		
BLK	Blank	<0.002	<2	<2	<0.01	<1	<0.01	<0.01	<0.01	<0.01	<4	<2	<2	<2	<2	<1	<1	<0.1	
BLK	Blank	<0.9																	
BLK	Blank																		
BLK	Blank	<0.9																	



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		WGHT	FA450	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	2	2	5	2	0.5	2	2	5	0.01	5	20	2	2	0.4	5	5	2	0.01
Prep Wash																					
ROCK-WHI	Prep Blank		0.037	<2	3	<5	46	<0.5	<2	4	654	2.11	<5	<20	4	213	<0.4	<5	<5	34	1.65
ROCK-WHI	Prep Blank		0.009	<2	3	<5	38	<0.5	<2	4	648	2.06	5	<20	3	204	<0.4	<5	<5	34	1.55



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		MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	FA550
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	S	Au
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	gm/t
		0.002	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1	0.1	0.9
Prep Wash																			
ROCK-WHI	Prep Blank	0.042	11	<2	0.50	853	0.21	6.48	3.46	1.78	5	51	<2	16	4	<1	6	<0.1	
ROCK-WHI	Prep Blank	0.041	12	<2	0.51	807	0.20	6.58	3.66	1.70	5	51	<2	16	5	1	6	<0.1	

Soil XRF Data

Sample_ID	Easting	Northing	Reading	Mode	Elapsed Time 1	Elapsed Time 2	Elapsed Time 3	Elapsed Time Total	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti
1566751	398312	7083538	#2	Soil	28.68	27.16	29.54	85.38	-1830	1418	-23	203	-25	75	12994	183	9259	124	3614
1566752	398294	7083491	#3	Soil	28.78	27.43	29.53	85.74	-3284	1472	895	272	12	88	17446	242	3973	86	3285
1566753	398272	7083446	#4	Soil	28.64	26.96	29.40	85.00	-3222	1153	777	213	95	70	9701	142	2218	56	2920
1566754	398261	7083398	#5	Soil	28.74	27.28	29.54	85.56	-4467	1309	880	248	124	83	11861	181	3494	77	3243
1566755	398262	7083346	#6	Soil	28.76	27.36	29.46	85.58	-3732	1560	1315	309	176	102	20088	277	3078	82	4429
1566756	398271	7083297	#7	Soil	29.05	27.99	29.64	86.68	-5698	1276	1240	264	116	86	8691	160	2850	73	2435
1566757	398296	7083249	#10	Soil	28.61	27.22	29.52	85.36	-4532	1284	734	246	4	81	12579	188	1814	61	2853
1566758	398323	7083206	#13	Soil	28.74	27.43	29.49	85.66	-4808	1401	1680	295	26	88	12731	196	3032	75	3453
1566759	398361	7083170	#14	Soil	28.75	27.42	29.49	85.67	-5269	1390	1700	300	17	91	20555	273	1867	68	4111
1566760	398401	7083142	#15	Soil	29.10	27.74	29.56	86.39	-4587	1487	1396	295	151	95	13666	213	4744	95	3247
1566761	398410	7083094	#16	Soil	28.76	27.38	29.49	85.62	-5502	1280	988	256	-134	79	17046	229	2347	68	3458
1566762	398408	7083045	#17	Soil	28.76	27.47	29.53	85.75	-2672	1477	458	257	-49	89	21066	280	3113	81	3710
1566763	398381	7083000	#18	Soil	28.73	27.29	29.93	85.96	-5184	1189	203	207	-95	74	17618	225	2725	69	3759
1566764	398350	7082960	#19	Soil	28.78	27.47	29.58	85.83	-4413	1285	1096	256	77	87	24201	299	1447	64	4163
1566765	398317	7082923	#20	Soil	28.90	27.64	29.64	86.17	-6461	1124	415	214	140	82	13444	199	1476	58	3087
1566765	398317	7082923	#21	Soil	28.87	27.62	29.62	86.11	-4361	1193	179	204	191	83	13103	195	1501	58	3149
1566766	398286	7082884	#22	Soil	28.80	27.45	29.62	85.87	-5621	1216	-434	187	-40	78	10887	175	2626	69	2995
1566767	398268	7082836	#23	Soil	28.93	27.70	29.63	86.25	-5555	1212	12	205	46	81	11529	183	2417	68	3013
1566768	398236	7082801	#24	Soil	28.83	27.56	29.60	85.98	-2656	1336	641	231	24	80	12970	192	3873	81	3241
1566769	398201	7082768	#25	Soil	28.84	27.56	29.53	85.94	-5573	1222	567	234	-11	81	15157	213	1517	59	3733
1566770	398154	7082752	#26	Soil	28.74	27.16	29.56	85.46	-4899	1107	381	197	121	73	14008	188	2152	60	2988
1566771	398111	7082722	#2	Soil	28.74	27.22	29.56	85.52	-2782	1267	743	224	174	79	13692	192	3335	73	3146
1566772	398065	7082703	#3	Soil	28.80	27.70	29.62	86.13	-3824	1373	598	247	2	88	16843	244	2703	76	3499
1566773	398021	7082680	#4	Soil	28.74	27.34	29.59	85.67	-4200	1147	477	202	252	77	10591	160	2562	64	2708
1566774	397978	7082653	#5	Soil	28.59	27.02	29.54	85.15	-4332	1108	-3	181	-140	65	11298	161	2146	58	3401
1566775	397944	7082615	#6	Soil	29.97	27.05	29.59	86.62	-6243	1042	80	180	-45	66	13771	182	2537	62	2902
1566776	397911	7082579	#7	Soil	28.83	27.59	29.61	86.03	-2539	1374	351	230	44	83	13545	202	3354	78	3219
1566777	397873	7082551	#8	Soil	28.65	27.25	29.62	85.52	-5391	1070	-18	174	88	70	9507	146	2890	65	2965
1566778	397826	7082528	#9	Soil	28.73	27.32	29.53	85.58	-3534	1289	577	234	321	88	16306	219	2160	65	3606
1566779	397780	7082508	#10	Soil	28.74	27.21	30.02	85.97	-3973	1095	-27	177	102	69	12639	171	1738	54	2720
1566780	397745	7082475	#11	Soil	28.59	27.10	29.55	85.24	-4168	1182	243	205	91	76	14167	194	1876	59	2943
1566781	397697	7082459	#12	Soil	28.80	27.45	29.55	85.81	-4973	1250	390	229	16	84	23375	288	1501	63	4442
1566782	397648	7082460	#13	Soil	28.75	27.31	29.54	85.60	-5892	1060	552	202	11	69	11777	166	1822	55	2819
1566783	397636	7082411	#14	Soil	28.42	26.73	29.47	84.62	-4892	1057	124	175	145	66	10566	145	3667	67	3035
1566784	397639	7082362	#15	Soil	28.77	27.35	29.55	85.67	-6410	1129	250	204	144	77	12345	179	2748	67	2747
1566785	397648	7082312	#16	Soil	28.75	27.49	29.63	85.87	-4226	1245	-41	197	131	82	14818	209	3418	77	3699
1566786	397642	7082263	#17	Soil	28.67	26.92	29.46	85.04	-7860	815	166	158	82	57	9945	133	621	38	1692
1566787	397660	7082217	#18	Soil	28.37	26.00	29.43	83.81	-6112	543	428	104	157	35	2649	49	101	21	736
1566788	397704	7082190	#19	Soil	28.67	27.14	29.54	85.35	-4235	1130	-56	182	-117	68	13245	181	2084	59	3629
1566789	397737	7082154	#20	Soil	28.61	27.16	29.50	85.26	-5886	1216	112	216	63	80	15582	211	2499	67	3136
1566790	397741	7082105	#21	Soil	28.73	27.29	29.51	85.54	-5647	1210	112	211	160	84	18822	238	2755	70	4783
1566791	397715	7082064	#22	Soil	28.82	27.42	29.54	85.78	-4982	1136	281	199	89	74	10986	163	2613	64	3167
1566792	397762	7082088	#23	Soil	28.79	27.41	29.57	85.77	-5305	1116	-141	178	107	73	8337	138	2963	66	2821

Soil XRF Data

Sample_ID	Easting	Northing	Reading	Mode	Elapsed Time 1	Elapsed Time 2	Elapsed Time 3	Elapsed Time Total	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti
1566793	397751	7082039	#24	Soil	28.43	26.30	29.49	84.21	-6585	585	277	109	81	38	2910	56	319	25	1211
1566794	397724	7081999	#25	Soil	28.89	27.83	29.66	86.38	-6350	1263	68	220	112	88	10450	181	2943	76	2786
1566795	397692	7081964	#26	Soil	28.73	27.28	29.53	85.54	-5705	1286	49	213	-98	76	13870	195	5714	96	3826
1566796	397665	7081924	#27	Soil	28.70	27.21	29.56	85.47	-5839	1213	362	210	69	74	10881	163	5685	92	3023
1566797	397628	7081890	#28	Soil	28.74	27.32	29.58	85.64	-4860	1169	453	205	55	72	9206	147	3849	75	2885
1566798	397591	7081856	#29	Soil	28.81	27.53	29.52	85.86	-4044	1349	434	226	158	82	11667	175	6674	104	3439
1566799	397563	7081815	#30	Soil	28.65	27.12	29.62	85.38	-4711	1057	36	164	100	64	8787	133	4217	73	2612
1566800	397557	7081764	#31	Soil	28.75	27.30	29.58	85.63	-3724	1197	33	195	67	76	17475	223	2344	65	3539
1566801	397522	7081731	#32	Soil	29.58	26.46	29.46	85.50	-5522	761	349	138	162	49	5676	88	928	35	1603
1566802	397471	7081735	#33	Soil	28.95	27.65	29.73	86.33	-5714	1217	273	209	168	84	7459	145	3765	81	2425
1566803	397422	7081722	#34	Soil	28.71	27.24	29.59	85.54	-4172	1125	50	175	65	68	7665	128	4036	74	2638
1566804	397371	7081724	#35	Soil	28.89	27.63	29.66	86.18	-5648	1133	-49	182	57	75	7122	133	3301	72	2777
1566805	397327	7081748	#36	Soil	28.56	26.86	29.50	84.91	-6323	876	275	158	54	56	6625	105	2059	50	2107
1566806	397280	7081767	#37	Soil	28.71	27.12	29.56	85.38	-5791	1068	68	180	234	73	7691	129	2957	64	2770
1566807	397230	7081773	#38	Soil	28.34	26.39	29.46	84.19	-6146	971	-67	159	136	63	8832	127	3318	62	3016
1566808	397181	7081773	#39	Soil	28.57	26.86	29.59	85.02	-5946	965	-223	151	176	65	8469	128	2664	58	2680
1566809	397137	7081751	#40	Soil	28.57	27.00	29.54	85.11	-8314	985	46	175	137	68	9280	139	4143	73	2912
1566810	397116	7081708	#41	Soil	28.75	27.34	29.65	85.74	-4230	1106	-55	161	50	64	7228	124	5035	83	2058
1566811	397085	7081670	#42	Soil	28.74	27.20	29.58	85.52	-4605	1144	18	184	61	70	7491	129	3469	70	2295
1566812	397064	7081622	#43	Soil	28.44	26.74	29.51	84.69	-4116	996	14	156	68	60	9684	134	2758	58	2556
1566813	397027	7081580	#44	Soil	28.73	27.32	29.59	85.64	-3630	1102	688	203	48	69	11235	161	1224	49	3069
1566814	396979	7081599	#45	Soil	28.43	26.77	29.47	84.66	-2977	1298	870	241	164	81	12732	179	2786	66	3773
1566814	396979	7081599	#46	Soil	28.73	27.29	29.45	85.47	-3507	1310	217	228	204	86	15384	209	1944	62	3761
1566815	396927	7081611	#47	Soil	28.74	27.31	29.57	85.62	-4630	1171	352	207	93	77	17549	227	1943	62	3057
1566816	396878	7081598	#48	Soil	28.84	27.47	29.55	85.86	-5821	1077	139	188	126	73	13249	182	2101	60	2784
1566817	396828	7081588	#49	Soil	28.73	27.35	29.44	85.51	-5470	1206	172	214	80	77	13810	188	2862	67	3081
1566818	396774	7081575	#50	Soil	28.82	27.56	29.64	86.03	-4481	1250	357	214	202	83	12808	193	3550	78	3027
1566819	396722	7081571	#51	Soil	28.73	27.17	29.55	85.45	-3215	1195	335	197	39	69	14210	189	3705	74	2531
1566820	396672	7081586	#52	Soil	28.56	26.92	29.60	85.08	-5707	1099	93	185	119	72	13416	180	3372	70	2983
1566821	392373	7079773	#53	Soil	28.78	27.41	29.56	85.75	-4973	1130	4	184	41	70	7471	127	3528	70	2857
1566822	392389	7079725	#54	Soil	28.57	26.95	29.52	85.04	-5256	1114	101	189	62	72	15214	196	2680	65	3448
1566823	392407	7079679	#55	Soil	28.77	27.33	29.58	85.68	-6649	1024	315	189	180	73	12771	176	2194	60	2920
1566824	392429	7079633	#56	Soil	28.86	27.50	27.50	83.85											3305
1566825	397545	7079375	#57	Soil	28.75	27.19	29.56	85.50	-5359	966	473	171	122	60	6480	108	3323	62	2089
1566826	397525	7079423	#58	Soil	28.77	27.44	29.70	85.91	-5837	1137	286	191	72	72	10726	165	4788	86	2328
1566827A	397493	7079464	#59	Soil	28.66	27.17	29.56	85.39	-5784	1210	334	198	113	71	12615	173	8193	111	2853
1566827	397425	7079539	#60	Soil	28.65	27.07	29.52	85.24	-1671	1143	189	172	65	63	8417	126	4634	75	2811
1566828A	397453	7079495	#61	Soil	28.60	26.97	29.62	85.19	-5155	1069	250	178	42	65	8482	133	4169	74	2475
1566828	397394	7079579	#62	Soil	28.69	27.18	29.60	85.46	-5159	1052	259	177	-41	61	9282	139	3788	70	2496
1566829	397351	7079607	#63	Soil	28.54	26.89	29.53	84.96	-3543	1144	18	177	88	68	9412	141	4254	75	2902
1566830	397307	7079634	#64	Soil	28.58	27.05	29.58	85.21	-2276	1222	314	192	161	72	9793	148	4856	82	2754
1566831	397254	7079642	#65	Soil	28.66	27.08	29.58	85.32	-5171	1100	47	178	55	68	8454	135	3882	73	2707
1566832	397207	7079659	#66	Soil	28.68	27.14	29.59	85.41	-5013	1003	146	163	-6	59	7784	122	3473	65	2279

Soil XRF Data

Sample_ID	Easting	Northing	Reading	Mode	Elapsed Time 1	Elapsed Time 2	Elapsed Time 3	Elapsed Time Total	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti
1566833	397159	7079678	#67	Soil	28.45	26.79	29.45	84.69	-1477	1268	348	206	-55	69	12601	171	3851	73	3263
1566834	397114	7079702	#68	Soil	28.88	27.84	29.58	86.30	-5741	1358	-234	221	69	89	14096	213	4015	87	3360
1566835	397069	7079728	#69	Soil	28.82	27.43	29.57	85.81	-7174	1124	252	204	112	76	10894	164	3879	76	3015
1566836	397027	7079756	#70	Soil	28.52	26.78	29.61	84.92	-4867	1089	232	179	-20	64	8968	137	4442	76	2867
1566837	396986	7079790	#71	Soil	28.75	27.29	29.57	85.61	-5393	1204	128	201	143	78	11505	172	4316	82	3089
1566838	396943	7079816	#72	Soil	28.86	27.54	29.66	86.06	-5149	1277	331	217	-20	79	10543	174	4724	91	2752
1566839	396905	7079850	#73	Soil	28.54	26.85	29.57	84.96	-2120	1170	-205	166	-25	65	12728	171	3538	70	2969
1566840	396855	7079853	#74	Soil	28.79	27.31	29.60	85.70	-5074	1217	114	205	163	81	12849	189	3289	75	3121
1566841	396808	7079881	#75	Soil	28.83	27.67	30.26	86.76	-3007	1437	351	246	11	89	19906	269	3103	80	3639
1566842	396761	7079906	#76	Soil	28.45	26.68	29.49	84.61	-4858	1042	141	174	38	63	11707	156	2967	62	2757
1566843	396713	7079908	#77	Soil	28.72	27.26	29.60	85.57	-3499	1166	308	190	91	70	13487	183	3871	75	2737
1566844	396662	7079912	#2	Soil	28.73	27.44	29.57	85.74	-5057	1239	-115	211	125	87	24492	300	842	58	3929
1566845	396611	7079914	#3	Soil	28.80	28.73	29.49	87.02	-4039	1383	-175	224	-40	83	14299	208	3488	79	3296
1566846	396561	7079922	#4	Soil	28.53	26.99	29.60	85.12	-2954	1284	61	202	78	78	10901	165	4343	81	3769
1566847	396511	7079913	#5	Soil	28.88	27.51	29.55	85.94	-3762	1293	29	205	162	80	17813	226	5049	89	3768
1566848	396462	7079937	#6	Soil	28.88	27.52	29.58	85.98	-4749	1241	192	201	11	73	14420	198	5519	93	2627
1566849	396413	7079953	#7	Soil	28.80	27.34	29.61	85.75	-2861	1261	185	201	83	74	16956	217	4113	80	2799
1566850	396365	7079967	#19	Soil	28.79	27.36	29.58	85.73	-1999	1215	725	208	-32	67	13125	179	3647	73	2559
1566851	396316	7079957	#20	Soil	28.84	27.52	29.66	86.02	-3721	1267	453	216	52	76	15574	209	4244	82	2884
1566852	396268	7079943	#21	Soil	28.73	27.30	29.58	85.61	-4964	1242	463	209	-47	70	18432	229	6540	101	2913
1566853	396221	7079931	#22	Soil	28.71	27.31	29.57	85.59	-4509	1295	841	227	165	78	16686	215	7425	109	3215
1566854	396173	7079913	#23	Soil	30.20	27.43	29.55	87.17	-3008	1345	374	216	102	77	17377	223	6797	104	2934
1566855	396127	7079891	#24	Soil	28.68	27.21	29.55	85.44	-4341	1237	328	203	81	73	17393	217	6017	95	2910
1566856	396074	7079896	#25	Soil	28.75	27.37	29.53	85.65	-3582	1371	626	222	42	76	20471	246	9786	128	3709
1566857	396023	7079895	#26	Soil	28.68	27.20	29.54	85.42	-2228	1349	384	209	100	75	20410	243	8028	113	3330
1566858	395974	7079884	#27	Soil	28.32	26.38	29.50	84.21	-5508	849	303	147	75	52	6294	98	2339	50	2079
1566859	395920	7079891	#28	Soil	29.41	27.34	29.57	86.31	-5069	1346	585	227	157	80	19579	244	8615	121	3003
1566860	395868	7079899	#29	Soil	28.73	27.28	29.56	85.57	-3726	1290	429	207	-98	68	17964	221	7881	110	2846
1566861	395817	7079895	#30	Soil	28.66	27.16	29.55	85.38	-3383	1265	259	197	30	70	18610	225	6973	102	2820
1566862	395767	7079906	#31	Soil	28.59	27.04	29.56	85.20	-5009	1122	245	182	308	71	12401	167	5745	88	2325
1566863	395717	7079915	#32	Soil	28.69	27.40	29.83	85.92	-3851	1303	217	207	249	80	24065	282	6227	102	2668
1566864	395689	7079961	#33	Soil	28.51	26.81	30.03	85.36	-5214	1013	194	163	145	61	13923	171	4837	77	2124
1566865	395657	7080000	#34	Soil	28.83	27.46	29.57	85.86	-2419	1317	75	204	147	80	14638	203	4252	83	3021
1566866	395618	7080029	#35	Soil	28.79	27.47	29.51	85.76	-3530	1307	45	219	276	88	17396	232	2000	65	3353
1566867	395586	7080069	#36	Soil	29.69	27.32	29.58	86.59	-2396	1231	161	195	308	79	12811	179	3361	71	2908
1566868	395556	7080110	#37	Soil	28.73	27.32	29.50	85.55	-6689	1291	238	240	256	93	27447	325	2357	73	4279
1566869	395533	7080157	#38	Soil	28.71	27.31	29.56	85.58	-3442	1252	-9	195	52	75	12204	176	4252	80	3280
1566870	395507	7080200	#39	Soil	28.73	27.37	29.53	85.64	-4265	1273	64	210	159	83	18941	240	3576	78	3845
1566871	395473	7080241	#40	Soil	28.73	27.32	29.87	85.92	-2671	1298	35	202	97	78	16499	214	4452	83	3623
1566872	395469	7080292	#41	Soil	28.90	27.76	29.63	86.29	-3447	1318	558	230	194	85	13968	207	3332	78	2847
1566873	395466	7080343	#42	Soil	28.58	27.04	29.51	85.13	-5062	1125	146	192	160	73	12851	175	2864	65	3070
1566874	395461	7080395	#43	Soil	28.80	27.51	29.51	85.83	-4210	1419	188	257	358	103	29312	362	327	59	4007
1566875	397420	7083687	#44	Soil	28.42	26.49	29.49	84.40	-6372	709	322	128	139	45	3926	70	1674	40	1382

Soil XRF Data

Sample_ID	Easting	Northing	Reading	Mode	Elapsed Time 1	Elapsed Time 2	Elapsed Time 3	Elapsed Time Total	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti
1566876	397398	7083731	#45	Soil	28.69	27.26	29.57	85.52	-5117	1210	497	216	460	86	13027	186	3975	79	3307
1566877	397354	7083709	#2	Soil	28.66	26.99	29.54	85.19	-5454	875	433	157	95	55	5932	98	2174	50	1929
1566878	397318	7083673	#3	Soil	28.68	27.17	29.51	85.37	-4908	1031	684	192	109	65	11081	151	2531	58	2667
1566879	397278	7083643	#4	Soil	28.52	26.81	29.50	84.83	-4625	916	-22	146	25	54	5710	97	1779	46	2002
1566880	397227	7083632	#5	Soil	28.77	27.36	29.46	85.60	-3060	1404	456	249	264	91	13425	197	2844	71	3587
1566881	397179	7083617	#6	Soil	28.88	27.32	29.56	85.77	-5394	1227	-103	187	2	72	11111	164	6972	103	3502
1566882	397129	7083607	#7	Soil	28.61	27.12	29.51	85.24	-5769	1170	36	193	-18	71	11604	165	5133	85	3462
1566883	397085	7083585	#8	Soil	28.72	27.16	29.53	85.42	-3849	1043	742	190	150	64	8417	127	2556	57	2464
1566884	397040	7083557	#9	Soil	28.48	26.92	29.60	84.99	-3008	1183	446	192	95	67	9468	140	5690	86	2967
1566885	396999	7083530	#10	Soil	29.02	28.02	29.70	86.75	-4677	1437	393	251	50	94	11373	202	3785	90	2865
1566886	396963	7083495	#11	Soil	28.73	27.29	29.50	85.51	-1771	1463	632	241	25	82	16068	216	7436	112	4453
1566887	396920	7083467	#12	Soil	28.81	27.46	29.55	85.81	-5174	1040	1104	211	324	73	15864	195	1772	55	2677
1566888	396868	7083466	#13	Soil	28.75	27.32	29.55	85.63	-3885	1286	230	213	44	78	16377	214	4582	85	3810
1566889	396817	7083467	#14	Soil	28.72	27.25	29.43	85.40	-4145	1375	622	243	241	87	13516	190	6077	98	4116
1566890	396766	7083474	#15	Soil	28.61	27.12	29.49	85.22	-5293	1235	1151	251	110	83	20742	254	2168	66	4192
1566891	396715	7083483	#16	Soil	28.72	27.28	29.53	85.52	-3083	1244	423	209	7	73	11685	167	4227	78	3777
1566892	396663	7083474	#17	Soil	28.74	27.27	29.56	85.57	-3505	1233	273	203	103	75	10525	160	4062	78	3029
1566893	396613	7083465	#18	Soil	28.68	27.22	29.58	85.48	-7378	1009	629	198	69	68	8223	133	3150	66	2584
1566894	396574	7083434	#19	Soil	28.48	26.45	29.55	84.48	-5944	699	320	124	79	44	4161	73	1191	36	1433
1566894	396574	7083434	#20	Soil	28.48	26.45	29.57	84.50	-5486	718	645	137	76	44	4046	72	1210	36	1415
1566895	396557	7083385	#21	Soil	29.00	27.86	29.44	86.31	-3539	1864	383	335	-52	117	16694	266	4869	107	6258
1566896	396546	7083336	#22	Soil	28.86	27.59	29.51	85.97	-4746	1415	364	257	-85	88	20832	275	2648	75	4064
1566897	396521	7083292	#23	Soil	28.69	27.25	29.52	85.46	-5480	1065	244	188	78	69	7179	122	2346	58	2714
1566898	396506	7083242	#24	Soil	28.73	27.34	29.57	85.63	-3867	1178	407	206	41	73	9967	155	2369	62	3156
1566899	396487	7083196	#25	Soil	28.63	27.04	29.54	85.21	-3206	1178	-134	177	26	70	12285	169	3733	73	3567
1566900	396464	7083151	#26	Soil	28.70	27.21	29.55	85.47	-4152	1179	46	191	422	81	10194	152	3682	72	3310
1566901	396435	7083109	#27	Soil	28.69	27.22	29.52	85.43	-5924	1162	283	204	327	80	10941	160	4400	79	3431
1566902	396396	7083075	#28	Soil	28.74	27.21	29.78	85.73	-5142	1136	156	199	-119	71	13190	181	1914	58	3897
1566903	396353	7083050	#29	Soil	28.76	27.32	29.52	85.60	-3290	1246	173	206	-54	72	10958	163	3267	70	3266
1566904	396311	7083023	#30	Soil	28.52	26.86	29.51	84.89	-3802	1184	587	207	25	70	11452	161	4361	77	3620
1566905	396274	7082988	#31	Soil	28.63	27.14	29.54	85.31	-2884	1285	265	210	468	86	10225	158	4436	81	3170
1566906	396248	7082945	#32	Soil	28.70	27.34	29.47	85.50	-4426	1347	-123	224	241	88	11174	174	3302	74	3442
1556907	396220	7082903	#33	Soil	28.75	27.22	29.56	85.52	-4289	1076	266	184	202	70	9093	139	2242	57	2742
1566908	396187	7082866	#34	Soil	28.58	27.06	29.38	85.01	-3936	1368	645	255	236	91	16664	222	2473	68	4466
1566909	396172	7082818	#35	Soil	29.02	28.13	29.69	86.84	-3223	1469	247	248	236	101	14747	238	2323	76	2974
1566910	396155	7082771	#36	Soil	28.70	27.33	29.51	85.54	-3437	1350	-65	213	177	83	15968	214	4972	90	3503
1566911	396130	7082725	#37	Soil	28.86	27.67	29.60	86.14	-1626	1458	123	233	247	94	22875	295	3189	82	3928
1566912	396142	7082673	#38	Soil	28.74	27.28	29.53	85.55	-6235	1244	393	231	149	86	24963	298	2699	74	4213
1566913	396139	7082623	#39	Soil	28.67	28.37	29.68	86.71	-3682	947	317	159	123	63	11539	156	744	42	3092
1566914	396147	7082571	#40	Soil	28.73	27.26	29.55	85.54	-3997	1211	66	200	35	77	20340	248	2433	67	3997
1566915	396173	7082530	#41	Soil	28.68	27.18	29.62	85.48	-2998	1118	392	186	195	70	10449	151	2708	62	2618
1566916	396212	7082496	#42	Soil	28.70	27.26	29.56	85.51	-4554	1174	-334	184	187	80	20790	252	1720	61	3465
1566917	396250	7082465	#43	Soil	28.68	27.26	29.57	85.51	-2353	1209	423	205	264	79	15992	206	2067	61	3320

Soil XRF Data

Sample_ID	Easting	Northing	Reading	Mode	Elapsed Time 1	Elapsed Time 2	Elapsed Time 3	Elapsed Time Total	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti
1566918	396299	7082449	#44	Soil	28.82	27.55	29.88	86.25	-1969	1295	357	210	218	81	13974	194	3937	79	3597
1566919	396345	7082428	#45	Soil	28.47	26.63	29.56	84.66	-3492	939	337	157	205	61	13455	162	1425	47	2846
1566920	396388	7082402	#46	Soil	28.67	27.09	29.55	85.30	-5608	1126	351	198	157	73	11287	161	3988	75	3212
1566921	396575	7083400	#2	Soil	28.70	27.20	29.46	85.36	-2687	1341	138	220	131	83	14053	195	3674	77	4312
1566922	396626	7083400	#3	Soil	28.72	28.50	29.49	86.71	-3157	1226	417	206	12	71	8720	138	4235	76	3267
1566923	396676	7083400	#4	Soil	28.65	27.05	29.47	85.16	-3602	1280	257	212	127	77	10655	160	4866	84	3294
1566924	396726	7083400	#5	Soil	28.94	27.76	29.56	86.25	-2889	1530	426	257	52	92	9281	167	5891	105	3973
1566925	396775	7083400	#6	Soil	28.80	27.54	29.43	85.77	-2901	1562	603	279	217	99	19295	262	4471	93	4530
1566926	396825	7083400	#7	Soil	28.77	27.22	29.42	85.41	-5445	1114	546	205	16	66	8002	126	3684	69	2557
1566927	396876	7083400	#8	Soil	28.76	27.17	29.42	85.35	-2651	1391	260	227	201	83	13203	184	6314	98	3858
1566928	396927	7083400	#9	Soil	28.85	27.56	29.48	85.88	-3098	1419	381	240	209	89	15021	210	5221	93	4055
1566929	396974	7083401	#10	Soil	28.62	26.94	29.51	85.06	-5501	1058	529	196	189	70	10503	150	2669	61	2762
1566930	397025	7083401	#11	Soil	28.80	27.38	29.40	85.58	-3737	1419	731	261	289	93	15580	216	3913	82	4244
1566931	397076	7083400	#12	Soil	28.83	27.38	29.45	85.66	-5474	1269	618	236	349	87	12239	177	4225	80	3767
1566932	397126	7083401	#13	Soil	28.89	27.48	29.52	85.90	-5407	1243	407	229	276	85	11087	173	2536	67	2484
1566933	397149	7083396	#14	Soil	28.76	27.32	29.48	85.56	-4485	1272	30	206	144	79	13077	183	5093	88	3426
1566934	397175	7083401	#15	Soil	28.74	27.28	29.41	85.44	-3151	1502	487	256	34	89	15876	217	7082	110	5190
1566935	397226	7083398	#16	Soil	28.80	27.38	29.39	85.57	-2773	1435	525	250	191	89	15728	214	4750	88	4540
1566936	397275	7083399	#17	Soil	28.69	27.27	29.44	85.40	-366	1448	77	225	189	87	14275	199	4469	85	4646
1566937	397325	7083400	#18	Soil	28.69	27.25	29.60	85.54	-5256	1165	498	207	173	76	13317	180	4347	79	3892
1566938	397375	7083402	#19	Soil	28.67	27.01	29.41	85.09	-3883	1178	352	205	154	73	13020	172	3057	65	3071
1566939	397401	7083407	#20	Soil	28.76	27.36	29.60	85.72	-5036	1317	251	216	196	82	14265	195	7483	109	3840
1566940	397425	7083400	#21	Soil	29.51	27.28	29.51	86.30	-3089	1232	337	202	212	76	10613	154	4886	82	3513
1566941	397476	7083399	#22	Soil	28.76	27.26	29.53	85.55	-2820	1221	390	200	238	75	13842	181	4896	82	3389
1566942	397502	7083348	#23	Soil	28.76	27.33	29.47	85.56	-3665	1409	430	240	203	88	19533	246	6119	101	4763
1566943	397450	7083351	#24	Soil	28.81	27.45	29.51	85.76	-2068	1348	682	231	229	83	16482	214	4819	87	4277
1566944	397398	7083352	#25	Soil	28.78	27.37	29.49	85.65	-2448	1379	743	241	304	87	15789	211	5029	90	4286
1566945	397352	7083350	#26	Soil	28.73	27.18	29.50	85.41	-5001	1086	536	193	310	73	12902	167	4191	73	3792
1566946	397300	7083350	#27	Soil	28.72	27.21	29.53	85.47	-2871	1349	605	232	383	87	16234	212	5241	90	3930
1566947	397251	7083350	#28	Soil	28.83	27.48	29.49	85.80	-7129	1269	825	246	139	85	13141	189	5418	93	4130
1566948	397201	7083353	#29	Soil	28.76	27.34	29.49	85.60	-4070	1255	616	225	155	79	14725	195	3994	77	3936
1566949	397152	7083351	#30	Soil	29.00	27.77	29.46	86.24	-5624	1340	284	240	79	86	15887	218	4058	83	3927
1566950	397098	7083348	#32	Soil	28.82	27.38	29.41	85.60	-5189	1324	88	230	15	83	16692	219	3830	79	4129
1566651	397050	7083349	#33	Soil	28.93	28.00	29.50	86.43	-3314	1381	138	227	70	84	13276	192	4719	88	4070
1566652	396999	7083351	#34	Soil	28.80	27.26	29.44	85.50	-4707	1153	678	216	102	74	13489	179	2470	62	3990
1566653	396948	7083349	#35	Soil	28.93	27.62	29.44	86.00	-5215	1312	682	247	103	84	14683	203	3568	77	3634
1566654	396901	7083350	#36	Soil	28.87	27.50	29.42	85.79	-3001	1435	840	260	55	87	17024	226	4738	89	4726
1566655	396849	7083349	#37	Soil	28.89	27.66	29.59	86.14	-2745	1543	571	266	-30	92	17662	248	5521	103	4502
1566656	396800	7083350	#38	Soil	28.82	27.46	29.43	85.72	-2537	1475	465	250	182	90	14806	206	6104	101	4807
1566657	396751	7083350	#39	Soil	28.81	27.37	29.53	85.72	-5458	1034	352	187	177	69	12001	161	2094	56	2984
1566658	396696	7083350	#40	Soil	28.88	27.64	29.52	86.03	-916	1591	429	263	41	93	16062	229	5688	102	4997
1566659	396650	7083350	#41	Soil	28.75	27.11	29.38	85.24	-2441	1106	1335	219	258	70	9213	132	1398	47	3190
1566660	396599	7083353	#42	Soil	28.84	27.48	29.40	85.72	-3217	1571	-10	269	154	99	16920	239	3301	81	3960

Soil XRF Data

Sample_ID	Easting	Northing	Reading	Mode	Elapsed Time 1	Elapsed Time 2	Elapsed Time 3	Elapsed Time Total	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti
1566661	396526	7083399	#43	Soil	28.70	27.11	29.48	85.29	-1654	1242	361	202	141	75	17203	209	3829	74	4130
1566662	396476	7083401	#44	Soil	28.88	27.46	29.51	85.85	-4223	1370	257	237	178	89	16483	223	4066	83	4597
1566663	396425	7083399	#45	Soil	28.80	27.40	29.50	85.69	-1440	1409	229	222	154	83	15835	210	5883	97	4258
1566664	396379	7083401	#46	Soil	28.88	27.63	29.43	85.94	-3148	1571	880	291	265	104	24997	316	4089	91	5647
1566665	396325	7083398	#47	Soil	29.28	27.41	29.46	86.16	-3062	1461	498	253	251	92	22424	277	5300	96	4395
1566667	396272	7083398	#48	Soil	28.70	27.06	29.51	85.27	-5202	851	927	168	105	51	6209	96	2101	47	1594
1566671	396227	7083401	#49	Soil	28.92	27.68	29.36	85.96	-176	1680	72	279	133	102	23844	309	2688	79	4565
1566668	396177	7083401	#50	Soil	28.81	27.46	29.46	85.73	-2227	1426	349	244	23	85	15527	214	3308	76	3903
1566669	396126	7083401	#51	Soil	28.91	27.68	29.41	86.01	-1020	1686	561	302	169	107	32085	396	1705	75	5018
1566670	396076	7083401	#52	Soil	28.74	27.29	29.43	85.46	-2537	1674	2967	353	182	99	26625	330	7516	123	3679
1566671	396024	7083397	#53	Soil	28.88	27.54	29.29	85.72	-705	1878	5816	469	168	118	34254	427	1876	80	5889
1566672	395977	7083400	#54	Soil	28.86	27.50	29.46	85.82	-1855	1961	9426	568	35	122	40585	505	336	72	5456
1566673	395926	7083406	#55	Soil	28.93	27.63	29.14	85.71	321	2508	11160	699	-14	155	39153	550	1538	91	9062
1566674	395877	7083402	#56	Soil	28.83	27.43	29.40	85.66	-97	1644	556	286	123	99	24446	311	2620	78	4276
1566675	395823	7083398	#57	Soil	28.93	27.55	29.38	85.85	-2114	1518	2766	330	222	94	16125	222	3404	78	4036
1566676	395774	7083399	#58	Soil	28.89	27.60	29.27	85.76	-1574	1910	2032	395	153	125	32053	418	1176	74	7022
1566677	395726	7083399	#59	Soil	28.89	27.60	29.31	85.80	-3061	1744	2949	393	124	113	26709	350	1229	69	5619
1566678	395676	7083401	#60	Soil	29.01	27.85	29.36	86.22	-1515	1885	2810	411	103	122	29375	395	880	71	6237
1566679	395625	7083399	#61	Soil	28.89	27.62	29.50	86.00	-4096	1408	463	262	107	95	32088	380	518	62	4441
1566680	395577	7083399	#62	Soil	28.81	27.42	29.53	85.76	-6207	1273	261	241	51	89	28855	339	740	60	4560
1566681	395601	7083354	#63	Soil	28.88	27.62	29.57	86.07	-4815	1367	216	250	-49	91	27885	342	522	59	4459
1566682	395650	7083350	#64	Soil	28.81	27.54	29.55	85.90	-2430	1440	-139	240	60	94	27811	341	164	56	4620
1566683	395701	7083350	#65	Soil	28.65	26.96	29.52	85.13	-5731	1065	498	203	109	71	20231	233	1039	51	2862
1566684	395748	7083350	#66	Soil	28.85	27.50	29.44	85.78	-3268	1503	1575	309	26	94	19340	262	1576	65	3908
1566685	395797	7083359	#67	Soil	28.82	27.45	29.40	85.68	-4039	1415	1811	297	194	92	15189	213	2835	72	4381
1566686	395850	7083351	#68	Soil	28.82	27.41	29.46	85.68	-2913	1309	2539	297	256	85	11963	177	1092	51	3103
1566687	395900	7083348	#69	Soil	28.84	27.55	29.14	85.53	-855	2366	11931	697	139	148	35480	500	26	72	6417
1566688	395950	7083349	#70	Soil	28.96	27.73	29.05	85.73	3423	2669	14273	773	260	162	52662	713	1107	95	6902
1566689	396001	7083345	#73	Soil	28.87	27.57	29.27	85.71	4591	2199	5505	496	206	128	31993	425	3843	102	5601
1566690	396053	7083344	#74	Soil	28.81	27.46	29.21	85.48	437	2329	4457	493	244	130	39090	505	11318	181	3601
1566691	396106	7083342	#75	Soil	28.90	27.65	29.43	85.98	-2882	1560	471	280	152	102	34227	404	2380	80	5422
1566692	396148	7083350	#76	Soil	28.88	27.59	29.54	86.01	-5569	1263	1016	261	-16	85	21670	276	552	54	3728
1566693	396199	7083347	#77	Soil	28.69	27.30	29.47	85.47	-4067	1317	131	224	217	87	14492	200	3557	76	4781
1566694	396249	7083349	#78	Soil	28.95	27.72	29.41	86.08	-2958	1683	317	297	230	111	26722	346	3685	92	5885
1566695	396299	7083352	#79	Soil	28.91	27.60	29.45	85.96	-1593	1499	674	265	22	88	15949	222	3572	80	3958
1566696	396356	7083348	#80	Soil	28.90	27.53	29.46	85.88	-2121	1530	380	260	-47	90	19294	253	4987	94	5091
1566697	396401	7083351	#81	Soil	29.09	28.11	29.38	86.59	-3421	1898	1703	386	-151	113	20041	303	3578	95	4226
1566698	396450	7083350	#82	Soil	28.83	27.42	29.51	85.76	-4855	1086	197	189	55	68	7620	126	2038	55	2835
1566699	396503	7083351	#83	Soil	27.89	25.95	29.36	83.20	-7408	586	509	121	133	38	3586	59	786	29	817
1566701	396274	7083001	#84	Soil	28.78	27.31	29.59	85.68	-5560	1087	-66	177	38	68	6829	119	3517	68	2722
1566702	396235	7083003	#85	Soil	28.65	27.06	29.57	85.28	-4862	1101	99	180	64	68	9513	143	3757	71	3072
1566703	396175	7083000	#86	Soil	28.69	27.20	29.54	85.44	-3717	1124	-77	177	185	72	13602	180	2258	60	2802
1567004	396250	7078650	#2	Soil	28.71	27.18	29.55	85.45	-5611	1074	171	188	179	73	11845	168	2184	59	2677

Soil XRF Data

Sample_ID	Easting	Northing	Reading	Mode	Elapsed Time 1	Elapsed Time 2	Elapsed Time 3	Elapsed Time Total	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti
1567005	396297	7078651	#3	Soil	28.68	27.23	29.54	85.45	-3155	1230	44	196	73	76	13903	191	2913	69	3370
1567006	396350	7078651	#4	Soil	28.75	27.25	29.59	85.59	-6847	903	-110	148	78	62	8426	129	2296	55	2822
1567007	396399	7078649	#5	Soil	28.95	27.70	29.62	86.27	-5995	957	780	184	190	62	4635	94	3123	62	1356
1567008	396449	7078645	#6	Soil	28.81	27.42	29.46	85.68	-3045	1384	163	227	188	86	16003	216	4815	89	3719
1567009	396500	7078650	#7	Soil	28.73	27.21	29.57	85.51	-5758	1105	199	189	69	70	12200	169	3846	74	2787
1567010	396551	7078652	#8	Soil	28.76	27.29	29.57	85.63	-4725	1117	288	183	30	67	10200	149	4954	82	3156
1567011	396597	7078652	#9	Soil	28.73	27.32	29.58	85.63	-2659	1170	122	179	74	68	10866	155	4430	77	3080
1567012	396651	7078651	#10	Soil	28.47	26.40	29.52	84.39	-5752	761	165	130	114	48	4168	75	1499	40	1408
1567013	396699	7078652	#11	Soil	28.71	27.29	29.50	85.50	-6420	1081	305	190	210	71	10109	147	4581	78	2893
1567014	396748	7078646	#12	Soil	28.79	27.41	29.53	85.73	-3550	1266	349	209	199	78	13016	181	5312	89	3294
1567015	396798	7078649	#13	Soil	28.58	26.99	29.57	85.13	-6442	1021	236	181	243	71	9097	139	3160	66	2805
1567016	396849	7078649	#14	Soil	28.14	26.01	29.44	83.59	-4207	839	159	131	75	46	4450	75	3415	54	1599
1567016	396849	7078649	#15	Soil	28.24	25.97	29.49	83.70	-5709	690	168	117	114	42	2839	58	1289	35	1042
1567017	396896	7078650	#16	Soil	28.75	27.16	29.57	85.48	-3050	1163	269	187	107	69	12812	174	3655	72	2697
1567018	396951	7078651	#17	Soil	28.71	27.29	29.54	85.55	-4113	1185	-26	186	-100	68	14845	194	4074	77	3462
1567019	397002	7078647	#18	Soil	28.71	27.10	29.62	85.43	-5348	899	261	148	122	55	7139	108	3647	62	2069
1567019	397002	7078647	#19	Soil	28.60	26.99	29.54	85.13	-4954	953	307	157	41	55	7905	117	4041	67	2322
1567020	397051	7078651	#20	Soil	28.71	27.25	29.58	85.54	-4705	1062	129	169	39	64	9416	140	4081	73	2758
1567021	397101	7078647	#21	Soil	28.74	27.13	29.58	85.46	-4250	949	315	155	91	56	6585	107	3072	59	1799
1567022	397151	7078651	#22	Soil	28.64	27.06	29.55	85.25	-5908	1023	279	174	94	64	11463	155	4372	74	2607
1567023	397204	7078650	#23	Soil	28.71	27.21	29.55	85.47	-3301	1168	224	187	-12	66	13254	176	4341	77	2983
1567024	397251	7078650	#24	Soil	28.73	27.28	29.55	85.57	-1475	1241	157	189	-80	67	14105	187	3931	76	3164
1567025	396527	7083500	#25	Soil	28.78	27.48	29.43	85.69	-2922	1536	413	277	36	101	20476	277	1858	69	6367
1567026	396474	7083501	#26	Soil	28.57	26.94	29.51	85.02	-5606	981	338	176	250	67	8321	126	2246	55	2621
1567027	396424	7083498	#27	Soil	28.76	27.40	29.48	85.65	-2429	1327	-193	203	161	81	10042	157	3900	77	3648
1567028	396375	7083499	#28	Soil	28.86	27.66	29.53	86.06	-3229	1438	522	258	150	95	20633	275	2319	73	4304
1567029	396325	7083500	#29	Soil	28.50	26.52	29.49	84.51	-6447	778	79	135	144	51	6736	100	1295	40	1539
1567030	396275	7083500	#30	Soil	28.58	27.10	29.58	85.25	-5101	903	280	161	199	61	7439	117	617	38	1542
1567031	396225	7083500	#31	Soil	28.52	26.78	29.45	84.76	-7472	957	318	185	-79	60	12254	161	1643	51	2336
1567032	396170	7083499	#32	Soil	28.79	27.51	29.52	85.82	-4743	1299	35	222	58	84	12780	191	2700	70	3866
1567033	396124	7083499	#33	Soil	28.67	27.14	29.35	85.15	-3344	1275	455	231	82	80	13250	183	1558	55	3963
1567034	396077	7083502	#34	Soil	28.85	27.50	29.48	85.82	-1455	1597	797	288	327	105	27083	341	2731	81	4950
1567035	396024	7083496	#35	Soil	28.90	27.66	29.20	85.76	-627	2133	9727	605	58	131	38614	505	403	74	5776
1567036	395976	7083504	#36	Soil	28.82	27.62	29.34	85.78	-3034	1937	5368	491	227	129	33009	439	763	73	5950
1567037	395925	7083502	#37	Soil	28.88	27.66	29.51	86.05	-5488	1377	743	270	146	95	22626	296	1675	68	4021
1567038	395877	7083501	#38	Soil	28.85	27.57	29.40	85.82	-3390	1766	5712	466	112	115	27884	374	1666	77	4845
1567039	395827	7083498	#39	Soil	28.79	27.39	29.46	85.64	-4185	1327	2222	295	105	86	17277	231	1929	64	3891
1567040	395777	7083499	#40	Soil	28.97	27.74	29.35	86.06	-909	1900	4004	442	94	118	15657	253	1561	70	4757
1567041	395724	7083497	#41	Soil	28.93	27.61	29.41	85.95	-3054	1591	2562	355	167	104	23881	313	634	60	4533
1567042	395699	7083598	#42	Soil	28.92	27.58	29.36	85.87	-2663	1563	923	286	183	97	9611	163	5391	96	5020
1567043	395751	7083601	#43	Soil	28.83	27.52	29.31	85.65	-1885	1764	1810	358	278	115	17593	262	2454	78	5303
1567044	395799	7083597	#44	Soil	28.82	27.46	29.42	85.70	-4626	1417	1162	282	110	91	13034	195	2995	74	3939
1567045	395850	7083600	#45	Soil	28.59	26.90	29.47	84.97	-3608	871	225	146	61	53	5786	93	388	32	2377

Soil XRF Data

Sample_ID	Easting	Northing	Reading	Mode	Elapsed Time 1	Elapsed Time 2	Elapsed Time 3	Elapsed Time Total	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti
1567046	395899	7083599	#46	Soil	28.91	27.50	29.50	85.90	-2796	1261	837	234	43	76	14062	193	1797	59	2707
1567047	395950	7083600	#47	Soil	28.48	26.58	29.42	84.49	-5714	903	719	178	217	59	10240	134	1325	44	1698
1567047	395950	7083600	#48	Soil	28.61	26.86	29.44	84.91	-5877	817	825	162	179	51	7331	103	1984	46	1253
1567048	395998	7083597	#49	Soil	28.79	27.32	29.26	85.37	-1622	1666	3600	386	157	102	29050	357	440	60	3307
1567049	396050	7083602	#50	Soil	28.75	27.33	29.39	85.47	-2226	1469	1982	307	248	95	25104	306	1389	64	3864
1567050	396099	7083598	#51	Soil	28.69	27.13	29.53	85.34	-3777	1118	675	205	211	75	17172	212	1706	57	3531
1566700	396576	7083497	#52	Soil	29.32	27.36	29.58	86.25	-3790	1221	502	214	223	81	19867	243	3050	72	3957
1567051	396151	7083599	#53	Soil	29.90	27.30	29.49	86.68	-6049	976	241	173	113	63	10264	142	2454	57	2368
1567052	396200	7083600	#54	Soil	28.47	26.78	29.35	84.59	-2887	1244	571	218	213	77	15465	193	3676	72	4059
1567052	396200	7083600	#55	Soil	28.52	26.88	29.34	84.74	-4777	1244	480	227	244	81	15295	197	3249	70	3580
1567053	396249	7083604	#56	Soil	28.73	27.18	29.50	85.42	-3710	948	404	164	180	61	9302	130	1097	43	2709
1567054	396302	7083600	#57	Soil	27.99	26.01	29.33	83.34	-5704	742	308	135	227	48	5707	83	1012	34	1369
1567054	396302	7083600	#58	Soil	27.96	25.95	29.27	83.18	-8049	639	320	129	300	47	6296	84	966	33	1281
1567055	396349	7083600	#59	Soil	28.33	26.08	29.37	83.78	-6114	778	457	146	335	54	5881	87	1827	42	2154
1567056	396398	7083603	#60	Soil	28.51	26.53	29.47	84.50	-5180	819	488	152	233	57	7062	103	862	36	2901
1567057	396448	7083601	#61	Soil	28.70	28.48	29.50	86.68	-6553	1013	629	199	209	72	10827	153	1984	55	3189
1567058	396499	7083599	#62	Soil	28.71	27.15	29.44	85.30	-3302	1255	240	213	33	76	10919	161	2994	67	3944
1567059	396554	7083606	#63	Soil	28.27	26.27	29.31	83.86	-4909	1020	221	178	163	63	10697	140	2593	56	2362
1567151	395159	7082369	#64	Soil	28.82	27.47	29.65	85.93	-3791	1333	761	246	274	89	19105	245	3124	75	4292
1567152	395115	7082277	#65	Soil	28.77	27.43	29.51	85.71	-4131	1341	151	229	254	91	33171	370	2748	78	4599
1567153	395077	7082271	#66	Soil	30.54	27.57	29.41	87.52	288	1736	-281	259	116	100	26009	326	7423	122	5207
1567154	394978	7082270	#67	Soil	28.69	27.09	29.52	85.30	-5099	979	539	178	204	65	9946	138	2573	57	3033
1567155	394909	7082196	#68	Soil	28.77	27.39	29.52	85.68	-3045	1348	-95	208	67	82	16894	222	5081	91	4472
1567156	394947	7082102	#69	Soil	28.77	27.40	29.47	85.65	-3567	1311	24	218	15	82	20883	257	2637	70	4474
1567157	394971	7082003	#70	Soil	28.75	27.34	29.48	85.56	-5832	1209	56	208	-39	78	22161	262	3436	76	4790
1567158	395008	7081910	#71	Soil	28.81	27.65	29.85	86.31	-6356	1189	52	208	114	81	17483	227	2999	72	3867
1567159	395033	7081812	#72	Soil	28.84	27.53	29.51	85.88	-2617	1389	140	231	188	92	27191	321	2500	74	5353
1567160	395077	7081723	#73	Soil	30.07	27.34	29.57	86.99	-1927	1302	198	209	3	80	22586	272	2831	73	4668
1567160	395077	7081723	#74	Soil	28.76	27.32	29.59	85.68	-1331	1329	298	214	17	81	23196	278	2845	73	4779
1567161	395105	7081627	#2	Soil	28.82	27.34	29.42	85.57	-4241	1301	-113	215	231	84	11880	174	3483	74	3694
1567162	397250	7078798	#3	Soil	28.73	27.17	29.62	85.52	-6215	950	452	177	63	63	8487	131	2041	54	2497
1567163	397203	7078804	#4	Soil	28.77	27.25	29.57	85.59	-4775	1139	317	198	288	77	13818	183	3190	69	3481
1567164	397150	7078800	#5	Soil	28.68	27.18	29.53	85.40	-2920	1181	376	194	186	72	9599	146	3858	73	2852
1567165	397098	7078802	#6	Soil	28.82	27.39	29.57	85.78	-4283	1220	13	190	127	75	11641	170	5187	88	3177
1567166	397048	7078799	#7	Soil	28.74	27.25	29.57	85.55	-5573	1152	155	192	109	73	10424	157	4678	82	2953
1567167	396996	7078802	#8	Soil	28.83	27.37	29.59	85.80	-6129	850	163	143	261	59	6316	104	2398	53	1822
1567168	396950	7078801	#9	Soil	28.89	27.52	29.59	86.00	-3901	1241	-166	187	177	79	12294	180	4390	83	3202
1567169	396903	7078801	#10	Soil	28.82	27.40	29.51	85.73	-3087	1277	331	213	141	79	16343	212	3964	79	3550
1567170	396654	7078750	#11	Soil	28.76	27.31	29.52	85.58	-3414	1230	214	201	223	77	12787	178	3996	77	3091
1567171	396701	7078749	#12	Soil	28.79	27.39	29.52	85.69	-3639	1307	112	208	79	77	14382	196	5751	94	3469
1567172	396750	7078750	#13	Soil	28.72	27.20	29.54	85.46	-5863	1088	93	179	44	67	13203	175	4630	80	2771
1567173	396801	7078752	#14	Soil	28.75	27.35	29.51	85.62	-4924	1308	91	211	115	80	17972	229	6528	103	3584
1567174	396850	7078749	#15	Soil	28.73	27.30	29.60	85.63	-4221	1124	349	190	1	67	9541	148	3233	68	2665

Soil XRF Data

Sample_ID	Easting	Northing	Reading	Mode	Elapsed Time 1	Elapsed Time 2	Elapsed Time 3	Elapsed Time Total	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti
1567175	396903	7078747	#16	Soil	28.73	27.34	29.56	85.63	-7326	1140	-38	192	297	81	13243	186	4854	86	3170
1567176	396950	7078750	#17	Soil	28.75	27.33	29.59	85.67	-5418	1082	-31	171	296	73	11071	159	4165	76	2758
1567177	397001	7078752	#18	Soil	28.52	26.69	29.59	84.80	-5138	887	81	142	236	59	6608	105	2512	54	2199
1567178	397050	7078751	#19	Soil	28.75	27.27	29.55	85.58	-4506	1129	213	186	240	72	9957	148	4204	76	2694
1567179	397099	7078754	#20	Soil	28.77	27.28	29.59	85.63	-3853	1122	230	175	168	67	9393	141	5311	84	2655
1567180	397151	7078750	#21	Soil	28.80	27.42	29.58	85.80	-5340	1078	481	190	29	67	11865	165	3872	73	2953
1567181	397200	7078749	#22	Soil	28.70	28.33	29.58	86.61	-5702	1078	166	183	45	67	11727	165	3396	70	2521
1567182	397250	7078750	#23	Soil	28.85	27.49	29.57	85.90	-5746	1162	149	201	262	81	12203	178	3116	71	3014
1567183	397251	7078701	#24	Soil	28.61	26.73	29.48	84.82	-6245	737	488	142	132	48	4469	77	1010	35	1183
1567184	397199	7078698	#25	Soil	28.73	27.29	29.55	85.57	-5366	1167	-87	186	271	79	14447	193	4458	81	3477
1567185	397152	7078698	#26	Soil	28.72	27.21	29.57	85.50	-2082	1176	412	187	222	70	11271	158	4481	77	2707
1567186	397100	7078702	#27	Soil	28.54	26.63	29.50	84.67	-4447	792	423	136	172	48	5184	83	1891	43	1489
1567187	397048	7078702	#28	Soil	28.82	27.46	29.65	85.92	-3094	1218	262	190	177	74	10734	160	5196	87	2822
1567188	397001	7078701	#29	Soil	28.82	27.31	29.58	85.71	-3108	1190	-68	178	138	73	9806	151	3989	76	2954
1567189	396948	7078701	#30	Soil	28.66	27.12	29.59	85.38	-3943	989	425	166	163	62	10235	141	2836	59	2561
1567190	396900	7078704	#31	Soil	28.66	27.11	29.58	85.35	-6271	1002	-120	159	31	63	9703	142	3634	68	2550
1567191	396851	7078702	#32	Soil	28.79	27.40	29.58	85.77	-4219	1128	-144	171	93	70	8986	142	3518	70	2711
1567192	396798	7078704	#33	Soil	28.76	27.27	29.59	85.62	-6665	1023	56	173	19	65	9553	145	3502	69	2562
1567193	396752	7078703	#34	Soil	28.85	27.49	29.51	85.85	-4363	1290	-288	194	76	77	13260	184	6011	95	3314
1567194	396702	7078701	#35	Soil	28.93	27.67	29.58	86.18	-6371	1147	-256	178	53	73	10987	165	4806	85	2732
1567195	396653	7078701	#36	Soil	28.75	27.25	29.54	85.54	-5041	1112	-166	169	135	69	10127	148	4716	79	3065
1567196	396601	7078700	#37	Soil	28.50	26.62	29.49	84.60	-6168	885	381	161	220	59	7401	110	2514	53	2109
1567197	396552	7078703	#38	Soil	28.86	27.47	29.55	85.88	-5652	1169	297	204	110	75	12548	177	4159	79	3110
1567198	396498	7078702	#39	Soil	28.72	27.28	29.53	85.53	-4829	1185	-133	187	119	74	11410	166	4126	78	2808
1567199	396453	7078705	#40	Soil	28.81	27.45	29.47	85.73	-1412	1566	314	240	-31	82	17113	227	10532	140	4078
1567200	396399	7078703	#41	Soil	28.65	26.77	29.50	84.93	-5205	946	449	159	170	55	6102	97	5397	74	1827
1566701	396274	7083001	#42	Soil	28.80	27.47	29.56	85.82	-4089	1204	398	209	169	78	11760	170	3200	70	3516
1566702	396235	7083003	#43	Soil	28.87	27.57	29.57	86.01	-4807	1244	14	205	141	81	9992	161	3410	74	3293
1566703	396175	7083000	#44	Soil	28.77	27.40	29.53	85.70	-4789	1300	381	236	249	90	19639	251	2388	69	4462
1566704	396125	7083002	#45	Soil	28.74	27.32	29.49	85.55	-4206	1228	203	210	213	82	13683	189	2792	68	3903
1566705	396075	7082999	#46	Soil	28.72	27.25	29.51	85.48	-5262	1138	542	212	200	77	14790	195	2308	62	3328
1566706	396027	7083000	#47	Soil	28.89	27.69	29.56	86.14	-3893	1347	530	248	118	89	16645	235	1454	61	3299
1566707	395974	7083000	#48	Soil	28.80	27.50	29.54	85.84	-5125	1196	9	200	121	77	11661	172	3184	71	2928
1566708	395925	7082998	#49	Soil	28.85	27.50	29.60	85.95	-6106	1105	17	192	218	80	9399	154	1802	57	3204
1566709	395878	7082999	#50	Soil	28.74	27.33	29.46	85.53	-5127	1276	692	244	-8	81	17299	228	2330	67	3882
1566710	395826	7082999	#51	Soil	28.69	27.11	29.49	85.29	-4798	1182	415	213	245	79	10639	158	2899	66	3435
1566711	395778	7083001	#52	Soil	28.87	27.47	29.55	85.90	-6600	1133	878	232	178	80	14561	201	1923	61	2972
1566712	395724	7082999	#53	Soil	28.82	27.35	29.50	85.68	-2706	1166	80	189	169	74	13802	184	1621	55	3255
1566713	395678	7082999	#54	Soil	28.75	27.32	29.51	85.58	-3669	1218	-167	190	98	75	10936	161	3295	70	3350
1566714	395621	7083002	#55	Soil	28.82	27.49	29.53	85.84	-3331	1322	-281	203	260	87	15061	209	3408	76	3806
1566715	395575	7082998	#56	Soil	28.86	27.50	29.58	85.94	-5778	946	436	173	203	65	9628	140	1990	53	2355
1566715	395575	7082998	#57	Soil	28.81	27.19	29.51	85.51	-6618	835	153	150	312	62	8329	119	1452	45	2655
1566716	395529	7082999	#58	Soil	28.73	27.15	29.56	85.44	-4905	927	729	178	195	63	7756	120	1248	44	2426

Soil XRF Data

Sample_ID	Easting	Northing	Reading	Mode	Elapsed Time 1	Elapsed Time 2	Elapsed Time 3	Elapsed Time Total	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti
1566717	395476	7082998	#59	Soil	28.75	28.37	29.52	86.64	-4447	1029	244	177	148	67	9201	135	1894	52	3023
1566718	395424	7083002	#60	Soil	28.71	27.25	29.58	85.54	-5803	1059	224	184	55	67	10507	153	3074	66	2418
1566719	395377	7082999	#61	Soil	28.69	27.19	29.48	85.36	-3889	1308	236	220	21	80	15114	204	4460	84	4312
1566720	395327	7082999	#62	Soil	28.75	27.44	29.56	85.75	-5746	1212	78	218	108	86	23727	291	792	57	3965
1566721	395274	7082999	#63	Soil	28.99	27.58	29.61	86.18	-6635	1011	304	191	83	70	14347	195	928	50	1723
1566722	395274	7082901	#64	Soil	28.80	27.40	29.60	85.80	-3673	1215	-157	191	45	78	23288	277	1842	64	3576
1566723	395324	7082901	#65	Soil	28.96	27.54	29.55	86.05	-5635	987	598	190	305	69	10335	146	1488	49	1961
1566724	395383	7082909	#66	Soil	28.91	27.56	29.54	86.02	-4576	1203	134	205	212	81	20323	250	2280	66	3191
1566725	395426	7082903	#67	Soil	29.01	27.55	29.43	85.99	-1666	1534	245	263	160	98	27999	342	1950	72	4645
1566726	395473	7082901	#68	Soil	29.10	27.84	29.59	86.53	-4694	746	657	138	187	46	3096	67	996	35	396
1566727	395525	7082900	#69	Soil	28.88	27.58	29.58	86.04	-4007	1232	302	218	184	84	24513	297	733	56	3224
1566728	395575	7082902	#70	Soil	28.77	27.38	29.56	85.71	-3918	1208	504	219	180	79	19041	240	1378	58	2567
1566729	395623	7082904	#71	Soil	28.75	27.21	29.44	85.41	-5325	1067	138	191	143	70	16918	205	883	48	2128
1566730	395674	7082902	#72	Soil	28.76	27.22	29.58	85.56	-5468	908	528	171	287	65	11873	156	911	43	2124
1566731	395723	7082898	#73	Soil	28.61	27.04	29.51	85.16	-4778	1122	589	209	310	77	19912	236	1648	58	2374
1566732	395774	7082902	#74	Soil	28.87	27.43	29.63	85.93	-3866	1258	603	228	157	80	18016	238	2108	66	1967
1566733	395827	7082901	#75	Soil	28.82	27.47	29.53	85.81	-2576	1317	321	219	223	83	21125	260	3409	78	3183
1566734	395874	7082903	#76	Soil	28.74	27.33	29.55	85.62	-3320	1299	577	230	63	81	12549	185	3151	73	3811
1566735	395927	7082901	#77	Soil	28.81	27.48	29.50	85.79	-2007	1395	311	231	63	84	15661	213	3979	81	4303
1566736	395975	7082903	#78	Soil	28.82	27.48	29.54	85.84	-5403	1151	515	215	121	76	15445	205	1985	61	2868
1566737	396024	7082902	#79	Soil	28.79	27.38	29.51	85.68	-3611	1235	260	210	22	76	12437	177	2945	68	3826
1566738	396074	7082901	#80	Soil	28.99	27.76	29.61	86.36	-3899	1253	345	213	159	82	10693	170	3164	73	3260
1566739	396122	7082898	#81	Soil	28.92	27.60	29.49	86.00	-2791	1397	-139	228	75	91	20550	266	1665	64	4961
1566740	396175	7082900	#82	Soil	28.76	27.34	29.49	85.58	-3635	1263	288	214	316	83	10793	162	3687	74	3607
1566741	395924	7082802	#83	Soil	28.90	27.55	29.54	85.99	-5733	1222	-108	203	212	82	12923	184	3798	77	3765
1566742	395826	7082792	#84	Soil	28.76	27.37	29.57	85.70	-2182	1283	-72	194	175	80	19491	242	3475	76	3592
1566743	395736	7082753	#85	Soil	28.79	27.60	29.50	85.89	-3139	1272	325	212	45	76	12154	174	4307	80	3604
1566744	395636	7082738	#86	Soil	28.82	27.48	29.44	85.74	-3750	1419	528	253	240	92	17818	237	4224	86	4496
1566745	395534	7082737	#87	Soil	29.76	27.40	29.52	86.68	-3551	1276	205	210	186	80	12176	176	4348	81	3545
1566746	395435	7082730	#88	Soil	28.86	27.49	29.53	85.87	-3681	1253	400	221	296	84	25523	295	1959	66	3269
1566747	395335	7082722	#89	Soil	28.80	27.46	29.54	85.80	-4254	1248	86	203	168	80	14110	195	4186	81	3709
1566748	395289	7082639	#90	Soil	28.81	27.43	29.58	85.82	-3823	1176	-66	183	63	74	13964	191	2961	69	3349
1566749	395230	7082555	#91	Soil	28.84	27.53	29.49	85.86	-3026	1295	478	225	251	84	13235	187	3337	73	4051
1566750	395202	7082459	#92	Soil	28.82	27.51	29.49	85.82	-2346	1409	392	238	202	89	20763	261	4060	85	4541
1566559	393560	7079457	#93	Soil	28.81	27.46	29.58	85.85	-3112	1300	219	218	203	86	23054	278	2488	71	4360
1566560	393612	7079450	#94	Soil	28.88	27.55	29.55	85.98	-2136	1360	124	218	155	85	19662	252	3299	78	4002
1566561	393665	7079440	#95	Soil	28.79	27.45	29.53	85.77	-5195	1258	-128	207	41	83	23327	281	3075	76	4486
1566562	393714	7079430	#96	Soil	28.73	27.27	29.55	85.55	-3856	1225	-22	196	66	77	16248	213	3078	71	3586
1566563	393764	7079419	#97	Soil	28.72	27.32	29.55	85.60	-3784	1255	50	203	179	82	19315	243	3415	76	3837
1566564	393812	7079407	#98	Soil	28.73	27.30	29.55	85.57	-4623	1215	351	209	139	78	16871	216	4114	80	3714
1566565	393864	7079397	#99	Soil	28.85	27.51	29.58	85.94	-4123	1276	-225	193	150	81	15811	215	4503	86	3619
1566566	393914	7079387	#100	Soil	28.86	28.88	29.58	87.32	-4693	1215	-14	196	53	77	15604	210	3551	76	3607
1566567	393966	7079377	#101	Soil	28.88	27.63	29.58	86.09	-2533	1286	166	211	152	84	19836	253	1748	63	3729

Soil XRF Data

Sample_ID	Easting	Northing	Reading	Mode	Elapsed Time 1	Elapsed Time 2	Elapsed Time 3	Elapsed Time Total	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti
1566568	394016	7079363	#102	Soil	28.86	27.56	29.53	85.96	-3325	1370	435	234	107	86	18209	240	4327	87	4439
1566569	394063	7079348	#103	Soil	28.73	27.29	29.56	85.57	-3292	1236	165	202	78	77	19818	242	3100	72	3964
1566570	394111	7079330	#104	Soil	28.87	27.58	29.48	85.93	-4596	1370	-356	221	293	96	22647	285	2765	76	4886
1566571	394164	7079321	#105	Soil	28.75	27.29	29.50	85.54	-5238	1182	-89	197	157	79	12643	179	2782	67	3601
1566572	394209	7079290	#106	Soil	28.85	27.50	29.47	85.82	-4236	1361	-155	219	132	87	16315	220	4625	88	4691
1566573	394259	7079275	#107	Soil	28.85	27.49	29.51	85.85	-3209	1332	44	220	253	88	18004	234	2870	72	4307
1566574	394307	7079256	#108	Soil	28.94	27.68	29.48	86.10	-3187	1571	91	273	269	110	25348	332	1905	74	6222
1566575	394354	7079232	#109	Soil	28.74	27.36	29.52	85.61	-3758	1266	290	219	169	83	17537	227	2521	68	4192
1566576	394406	7079220	#110	Soil	28.79	27.37	29.52	85.68	-5567	1103	55	190	60	74	21723	252	1861	61	3713
1566578	394459	7079221	#111	Soil	28.82	27.75	29.63	86.19	-4196	1207	-116	189	243	81	11587	176	2933	70	2764
1566579	394512	7079221	#112	Soil	28.77	27.39	29.58	85.74	-4206	1198	130	200	82	78	17796	230	2431	67	3548
1566580	394562	7079226	#113	Soil	28.91	27.80	29.66	86.36	-4653	1324	310	235	217	93	21914	290	1960	70	3601
1566583	394614	7079229	#114	Soil	28.84	27.51	29.52	85.87	-3730	1347	121	227	150	89	22867	284	2692	74	4309
1566584	394664	7079233	#115	Soil	28.79	27.47	29.55	85.81	-5220	1283	345	224	146	84	17527	231	4446	87	3869
1566585	394716	7079235	#116	Soil	28.83	27.46	29.50	85.80	-2158	1373	-188	215	149	89	27603	321	2149	70	4909
1566586	394765	7079239	#117	Soil	28.83	27.50	29.47	85.80	-726	1471	286	242	249	95	28917	337	2885	78	5536
1566586	394765	7079239	#118	Soil	28.81	27.46	29.47	85.74	-7459	1261	180	235	111	91	28365	330	2779	77	5639
1566587	394815	7079246	#119	Soil	28.78	27.35	29.51	85.64	-3199	1311	235	219	281	88	21791	264	3343	77	4854
1566589	394869	7079253	#120	Soil	28.79	27.40	29.53	85.72	-1791	1315	193	209	179	81	16062	211	3721	77	4029
1566590	394924	7079258	#121	Soil	28.75	27.37	29.50	85.62	-1250	1341	489	221	320	84	15012	201	4237	81	3832
1566591	394976	7079257	#122	Soil	28.87	27.52	29.48	85.88	-1810	1395	107	223	184	88	20378	256	3728	81	4630
1567203	393473	7084097	#123	Soil	28.85	27.57	29.59	86.01	-4195	1274	-24	206	206	84	15039	211	3154	75	3233
1567204	393436	7084062	#124	Soil	28.75	27.39	29.58	85.73	-3678	1192	-108	187	102	77	14805	202	2158	63	3234
1567205	393403	7084023	#125	Soil	28.83	27.59	29.56	85.99	-2717	1328	544	234	116	85	21282	269	2102	68	3764
1567206	393367	7083988	#126	Soil	28.73	27.33	29.60	85.65	-4779	1183	183	202	117	78	15824	211	2574	67	3209
1567207	393330	7083952	#127	Soil	28.78	27.37	29.67	85.82	-3393	1237	-10	199	76	79	19757	249	2034	65	3647
1567208	393289	7083921	#128	Soil	28.79	27.46	29.59	85.85	-5031	1229	250	210	183	83	18045	236	3612	79	3574
1567209	393255	7083883	#129	Soil	28.82	27.44	29.56	85.82	-1486	1334	150	210	-8	77	16271	218	3214	74	3276
1567210	393217	7083848	#130	Soil	28.71	27.36	29.57	85.64	-6036	1123	317	204	281	80	16035	210	2551	66	3295
1567211	393182	7083814	#131	Soil	28.78	27.35	29.59	85.73	-6389	1155	51	201	178	81	16795	222	2715	70	3314
1567212	393138	7083784	#132	Soil	28.77	27.23	29.41	85.41	-6823	1272	521	251	163	92	27930	323	1442	64	5315
1567213	393095	7083751	#133	Soil	28.65	27.12	29.53	85.30	-5994	1062	106	178	128	68	8388	131	4177	73	2614
1567214	393059	7083716	#134	Soil	28.78	27.39	29.61	85.78	-4931	1093	77	178	167	71	6264	116	3281	67	2320
1567215	393019	7083685	#135	Soil	28.68	27.22	29.57	85.47	-6648	999	134	175	124	67	7045	118	3035	63	2842
1567216	392983	7083648	#136	Soil	29.00	27.77	29.72	86.49	-5630	1266	466	226	247	88	11206	183	4232	87	2938
1567217	392938	7083615	#137	Soil	28.91	27.48	29.59	85.97	-5139	1033	601	189	119	66	6973	119	2932	62	2617
1567219	392885	7083575	#138	Soil	28.73	27.18	29.65	85.55	-5457	1020	43	166	203	72	20272	238	2308	63	3493
1567220	392838	7083556	#139	Soil	28.63	27.11	29.61	85.35	-4129	1159	220	187	390	78	11467	165	4476	80	2724
1567221	392794	7083531	#140	Soil	28.90	27.74	29.44	86.08	-6005	1628	5411	443	366	115	40175	481	1459	78	4269
1567222	392705	7083470	#141	Soil	28.84	27.68	29.69	86.21	-4821	1312	391	222	280	87	7249	141	5340	96	2693
1567223	392553	7083374	#142	Soil	28.71	27.18	29.51	85.41	-4078	1099	321	188	212	70	8636	132	2960	62	2735
1567224	392511	7083283	#143	Soil	28.71	27.25	29.59	85.55	-2500	1149	271	187	154	72	11076	161	1974	57	2790
1567225	392483	7083188	#144	Soil	29.49	26.99	29.58	86.07	-3990	1061	54	163	107	63	8240	128	3985	71	2442

Soil XRF Data

Sample_ID	Easting	Northing	Reading	Mode	Elapsed Time 1	Elapsed Time 2	Elapsed Time 3	Elapsed Time Total	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti
1567226	392385	7083169	#145	Soil	28.81	28.68	29.54	87.03	-4124	1168	42	193	89	74	11793	170	2185	60	3118
1567227	392327	7083087	#146	Soil	29.02	27.76	29.58	86.36	-3001	1395	351	243	168	94	18376	255	1804	67	4320
1567228	392269	7083003	#147	Soil	28.54	26.81	29.67	85.02	-6398	796	95	133	179	58	4879	90	1842	47	2539
1567229	392203	7082928	#148	Soil	28.66	27.19	29.51	85.35	-1674	1302	170	207	247	81	16176	210	3514	74	3724
1567230	392160	7082837	#149	Soil	28.96	27.71	30.42	87.08	-3526	1384	-70	216	107	89	12640	200	4037	87	3512
1567231	392120	7082745	#150	Soil	28.89	27.44	29.60	85.92	-4459	1234	165	206	279	85	12296	183	3322	74	3604
1567232	392058	7082666	#151	Soil	28.54	26.83	29.52	84.88	-3582	1098	27	172	255	70	7404	119	3637	67	2966
1567060	392451	7079592	#152	Soil	28.79	27.38	29.53	85.70	-5567	1088	-55	179	88	70	7961	131	3137	66	3102
1567061	392488	7079559	#153	Soil	28.68	27.17	29.56	85.41	-4401	1184	271	199	446	81	9014	143	4163	77	2748
1567062	392527	7079525	#154	Soil	28.75	28.15	29.52	86.42	-3490	1199	220	198	160	74	9733	148	3683	72	3125
1567063	392557	7079484	#155	Soil	28.61	26.97	29.52	85.10	-5912	1053	257	186	170	70	10664	151	3136	65	3064
1567064	392586	7079443	#156	Soil	29.16	28.25	29.64	87.05	156	1758	686	302	233	116	18900	295	2736	86	5147
1567065	392611	7079399	#157	Soil	28.55	26.95	29.46	84.97	-3729	1224	304	207	159	76	14356	189	3761	74	3555
1567066	392644	7079361	#158	Soil	28.82	27.63	29.61	86.06	-5785	1192	-200	190	307	84	9464	158	3639	77	2926
1567067	392692	7079347	#159	Soil	28.77	27.28	29.55	85.60	-4929	1109	252	195	231	76	15997	205	1770	58	3084
1567068	392742	7079341	#160	Soil	28.72	27.19	29.49	85.40	-2865	1337	216	224	178	85	20611	256	3082	75	4167
1567069	392793	7079344	#161	Soil	28.73	27.49	29.57	85.79	-3998	1293	49	209	159	83	14560	205	4022	82	3696
1567070	392842	7079349	#162	Soil	28.72	27.13	29.59	85.44	-5086	1121	201	194	447	82	9406	147	2511	62	3227
1567071	392895	7079348	#163	Soil	28.70	27.11	29.52	85.32	-3847	1194	132	195	562	84	15106	196	3739	75	3120
1567072	392942	7079351	#164	Soil	30.09	26.70	29.45	86.24	-4665	1049	284	184	205	69	13046	167	2001	55	3048
1567073	392993	7079351	#165	Soil	28.91	27.86	29.66	86.43	-3576	1137	440	194	201	75	10140	160	2157	61	2173
1567074	393042	7079354	#166	Soil	28.97	27.91	29.66	86.54	-4215	1372	90	225	526	102	13780	218	3353	83	3154
1567075	393092	7079360	#167	Soil	28.46	26.78	29.46	84.71	-4878	988	144	167	325	67	12415	157	2318	55	2794
1567076	393142	7079369	#168	Soil	28.59	27.08	29.51	85.19	-5838	1162	7	203	932	97	19307	236	2221	64	4113
1567077	393190	7079378	#169	Soil	28.76	27.34	29.64	85.74	-5714	1110	42	190	43	76	15457	212	1689	60	3129
1567078	393240	7079388	#170	Soil	28.60	26.93	29.51	85.04	-4640	1060	407	192	37	67	16727	204	1104	50	2556
1567079	393291	7079393	#171	Soil	29.17	28.42	29.76	87.35	-6372	1335	4	227	556	112	9024	185	2848	82	2245
1567080	393342	7079392	#172	Soil	28.80	27.21	29.58	85.58	-7133	1128	292	206	240	80	10786	164	3774	76	3096
1567081	393393	7079392	#173	Soil	28.80	27.39	29.61	85.80	-5687	1087	412	199	179	76	6836	124	2273	59	3164
1567082	393444	7079407	#174	Soil	28.56	27.04	29.49	85.09	-4567	1048	121	180	189	69	12490	166	1321	49	2333
1567083	393491	7079429	#175	Soil	28.72	27.31	29.57	85.60	-6279	1209	376	223	249	87	20294	258	2866	74	3872
1567084	393522	7079495	#176	Soil	28.93	27.73	29.64	86.30	-4693	1280	131	219	248	90	14657	218	2168	68	3125

Soil XRF Data

Sample_ID	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-	Se
1566751	47	930	43	63	5	573	10	27847	145	193	28	-1	5	11	2	53	2	261	3	-0.4
1566752	48	1010	47	83	6	998	15	39169	204	276	34	11	6	40	3	56	2	399	4	0.1
1566753	38	662	36	62	5	375	8	34767	163	388	29	-15	5	32	2	37.7	1.9	250	3	-0.1
1566754	46	765	42	70	6	461	10	40282	204	355	34	-13	6	34	3	52	2	218	3	0.4
1566755	61	1052	53	93	7	571	12	48335	250	345	39	5	7	46	3	49	2	625	5	0.5
1566756	40	696	41	68	6	298	9	29861	169	241	32	-2	6	33	3	31	2	449	4	-1.5
1566757	42	620	40	53	6	342	9	36426	187	277	32	6	6	35	3	37	2	639	5	-1
1566758	50	816	46	88	6	361	9	41260	215	327	36	-1	6	47	3	45	2	790	6	-0.1
1566759	56	963	49	77	6	294	9	45098	236	313	37	-10	6	38	3	41	2	1069	8	-1.1
1566760	49	948	48	73	7	405	10	43796	235	363	38	7	7	57	3	46	3	659	6	-1.5
1566761	48	933	45	84	6	470	10	35034	178	323	32	-19	6	39	3	42	2	581	5	-0.2
1566762	53	940	48	76	6	646	12	38229	200	228	34	13	6	30	3	49	2	310	3	0.2
1566763	48	1002	44	82	6	194	7	35747	182	563	33	-41	6	26	3	27	2	437	4	-0.7
1566764	54	1237	50	111	6	288	8	29521	157	167	29	-2	6	25	3	33	2	125	2	1
1566765	44	759	41	72	6	202	7	20503	116	208	25	-6	5	19	2	24.1	1.9	106	2	-0.1
1566765	45	803	42	64	6	209	7	20569	116	194	25	-4	5	13	2	27	2	106	2	-0.1
1566766	44	710	41	73	6	354	9	26600	144	300	28	-3	6	22	3	37	2	118	2	0.1
1566767	44	800	43	66	6	382	9	24573	134	140	27	14	6	15	2	32	2	48.5	1.6	-1.8
1566768	45	900	43	83	6	332	8	27080	144	277	28	-6	6	17	2	40	2	58.7	1.7	0.3
1566769	50	863	45	80	6	213	7	31638	167	245	31	-17	6	21	3	21.8	2	187	3	1.6
1566770	40	812	39	66	5	208	7	24145	123	236	25	-2	5	19	2	37	1.9	104	1.9	0.1
1566771	43	923	42	72	5	258	7	27856	142	237	27	2	5	25	3	47	2	250	3	-0.3
1566772	51	890	47	82	6	213	8	26204	152	262	30	-5	6	20	3	29	2	167	3	-0.2
1566773	38	759	38	63	5	260	7	21391	115	156	24	7	5	13	2	36.1	2	51	1.6	-0.4
1566774	43	811	39	81	5	187	6	21858	113	244	24	-10	5	14	2	32	1.8	41.4	1.4	-0.5
1566775	39	813	37	62	5	203	6	23326	118	179	24	-7	5	18	2	39.9	1.9	34.6	1.4	0.2
1566776	46	881	44	77	6	256	8	30800	165	245	31	4	6	30	3	45	2	108	2	-0.2
1566777	40	744	37	62	5	284	7	18339	100	94	22	-2	5	10	2	30.7	1.9	33.5	1.4	-0.5
1566778	48	905	44	78	6	301	8	29997	152	231	28	-15	5	22	2	42	2	80.9	1.8	-1.2
1566779	37	742	36	62	5	252	7	25427	128	217	26	-9	5	24	2	38.2	1.9	119	2	-0.5
1566780	41	847	40	74	5	221	7	25282	129	287	26	-17	5	20	2	37.2	1.9	109.9	2	-1
1566781	56	1087	48	89	6	323	8	30726	160	190	29	-5	6	22	3	45	2	136	2	0.7
1566782	38	737	37	63	5	185	6	25956	132	315	26	-18	5	16	2	31.7	1.9	163	2	-0.7
1566783	38	840	36	73	5	219	6	20828	105	291	23	-10	5	17	2	38.9	1.8	86.3	1.7	0.4
1566784	39	714	38	68	5	215	7	25365	130	225	26	-13	5	19	2	35.2	1.9	88.4	1.8	-1.2
1566785	49	900	44	76	6	376	9	22729	125	208	26	2	5	20	3	43	2	72.1	1.8	0.5
1566786	25	544	28	62	4	137	5	20864	98	224	21	-18	4	16.1	2	33.9	1.6	90.2	1.6	-0.3
1566787	12	187	15	18	2	32	3	6594	39	69	11	-12	3	-0.4	1.5	11	1	11.1	0.8	-1.2
1566788	45	823	40	73	5	269	7	23189	118	192	24	-5	5	14	2	33.6	1.8	50.7	1.5	-0.7
1566789	44	969	43	71	6	569	10	30911	157	204	29	16	6	30	3	52	2	401	4	0.6
1566790	57	1058	47	76	6	312	8	34907	177	343	32	-19	6	20	3	57	2	98	2	0.1
1566791	42	931	41	78	5	349	8	24191	127	211	26	-6	5	15	2	44	2	64	1.8	-0.7
1566792	39	736	38	67	5	275	7	24229	125	249	25	-7	5	11	2	41	2	39.5	1.5	-0.8

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Sample_ID	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-	Se
1566793	17	276	19	23	3	48	3	7166	39	74	11	-17	3	-0.8	1.5	12.9	1.1	64.4	1.3	-1.3
1566794	44	831	44	76	6	357	9	21173	126	219	27	0	6	17	3	35	2	32.7	1.6	-0.4
1566795	50	981	45	77	6	421	9	31860	165	311	30	-3	6	25	3	60	2	47.5	1.7	-0.5
1566796	41	857	40	69	5	333	8	28411	145	260	28	5	6	15	2	53	2	35.3	1.4	0.9
1566797	40	824	39	65	5	273	7	22867	120	224	25	-3	5	15	2	40.6	2	7.9	1.3	0.2
1566798	46	1058	44	73	6	370	9	34521	181	409	33	-21	6	22	3	64	2	20.5	1.4	-0.8
1566799	35	673	34	56	5	214	6	18341	96	216	22	-7	5	6	2	41.5	1.9	14	1.1	-0.3
1566800	46	947	42	78	5	236	7	26008	135	169	27	-4	5	16	2	51	2	61	1.7	-0.3
1566801	22	429	24	32	3	144	5	15661	76	211	18	-26	4	4.5	1.7	24.3	1.4	58.1	1.4	-0.2
1566802	39	756	40	64	6	281	8	18813	108	139	24	12	5	19	3	37	2	13.9	1.2	-0.2
1566803	37	786	37	64	5	287	7	18155	97	214	22	-6	5	14	2	40.3	1.9	13.6	1.2	-0.2
1566804	41	686	39	70	5	155	7	17717	102	238	23	-11	5	7	2	24.4	1.9	14.8	1.3	0.2
1566805	29	582	30	50	4	154	5	16944	84	181	19	-11	4	7.7	1.9	31.3	1.6	18	1.1	-0.3
1566806	38	737	37	70	5	170	6	22434	114	211	24	-16	5	10	2	28.4	1.7	19.4	1.2	-0.4
1566807	37	781	35	66	5	204	6	18512	92	246	21	-3	5	7.5	2	34.9	1.7	14.6	1.1	0.4
1566808	35	685	34	50	4	179	6	18571	93	230	21	-7	5	12	2	40.5	1.8	13.2	1.1	-0.3
1566809	38	766	36	64	5	324	7	19859	102	222	22	12	5	9	2	42.8	1.9	14.2	1.2	0.1
1566810	31	571	32	45	4	442	8	14777	83	117	20	-12	4	11	2	35.4	1.9	9.8	1.1	-0.4
1566811	34	704	36	65	5	377	8	23247	119	208	25	1	5	17	2	52	2	14.1	1.2	-0.5
1566812	33	616	32	52	4	293	7	18457	92	157	20	8	5	10	2	38.6	1.7	36.3	1.3	0
1566813	40	769	38	53	5	151	6	25587	129	196	26	-17	5	9	2	26.7	1.7	13	1.2	-0.6
1566814	48	976	44	83	6	431	9	33416	164	414	30	-4	6	22	2	64	2	8.8	1.1	0.5
1566814	49	1022	46	83	6	425	9	38765	192	335	33	-22	6	18	2	54	2	14	1.2	1
1566815	42	838	41	75	5	352	8	25212	133	152	26	4	5	17	2	42	2	94	2	-0.2
1566816	38	704	37	73	5	355	8	26445	138	224	27	-14	5	15	2	50	2	79.1	1.9	-0.1
1566817	42	747	40	56	5	476	9	43060	217	451	36	-19	6	13	2	93	3	63.7	1.9	-0.8
1566818	44	775	41	79	6	541	10	22789	128	124	26	31	6	20	3	81	3	30.9	1.5	-0.1
1566819	36	675	36	62	5	409	8	22989	118	148	24	9	5	11	2	63	2	44.7	1.5	-0.5
1566820	40	782	38	59	5	382	8	22869	117	173	24	1	5	15	2	42.6	2	60.9	1.7	-0.8
1566821	39	748	38	56	5	258	7	24782	126	239	25	-10	5	5	2	39.3	1.9	18.6	1.2	-1
1566822	44	1006	41	70	5	383	8	23340	119	254	25	-10	5	16	2	44.9	2	38.9	1.4	-0.4
1566823	39	825	38	55	5	263	7	21265	111	212	24	-8	5	12	2	36.2	1.9	38.6	1.4	-0.9
1566824	90	57	8	84	13	324	14	24011	131	237	27	6	6	22	3	41	2	12	1.3	-0.9
1566825	29	538	30	42	4	647	10	16187	82	123	19	-14	4	2.4	1.8	33.7	1.7	13.8	1.1	-0.6
1566826	35	819	38	57	5	266	7	16483	95	81	22	16	5	18	2	36	2	9.3	1.3	0
1566827A	38	874	38	52	5	371	8	22046	115	191	24	-3	5	12	2	52	2	20.3	1.3	0.2
1566827	36	730	34	36	4	294	7	19658	98	173	21	-10	4	5.8	2	38.5	1.8	11.1	1.1	-0.3
1566828A	34	705	35	47	5	249	7	16876	90	169	21	0	5	5	2	39.5	1.9	7.4	1.1	-0.1
1566828	34	767	35	47	5	226	6	18486	96	152	21	2	5	11	2	44.6	1.9	10.1	1.1	-1.8
1566829	38	856	37	62	5	336	8	21658	110	201	23	-1	5	9	2	40.9	1.9	13	1.2	0
1566830	38	780	37	69	5	314	8	20932	108	200	23	-1	5	16	2	44.3	2	10.6	1.2	0.8
1566831	37	745	36	55	5	395	8	20370	105	166	23	3	5	10	2	36.8	1.8	10.8	1.1	-0.3
1566832	32	619	32	49	4	232	6	16547	86	160	20	-8	4	6.5	2	29.7	1.6	11.1	1.1	-0.3

Soil XRF Data

Sample_ID	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-	Se
1566833	42	924	40	65	5	1209	15	26163	128	220	25	5	5	12	2	61	2	19.4	1.3	1
1566834	49	925	47	89	6	659	12	44046	243	531	40	-27	7	23	3	61	3	27.7	1.6	-0.6
1566835	41	858	40	65	5	650	11	30792	157	389	30	-12	6	9	2	111	3	30.6	1.6	-0.7
1566836	38	805	36	54	5	214	6	17257	89	163	20	6	5	11	2	39.7	1.8	16.9	1.2	-0.3
1566837	43	930	42	86	6	369	8	22887	123	196	25	4	5	16	2	47	2	19.3	1.3	-0.1
1566838	42	789	41	53	5	363	9	20698	116	149	25	10	5	18	2	41	2	10.3	1.2	0.1
1566839	39	771	37	74	5	672	10	19937	104	190	22	0	5	10	2	62	2	20.8	1.3	0.4
1566840	44	969	43	70	6	482	10	22844	123	138	25	9	5	14	2	49	2	24.3	1.4	-0.1
1566841	52	1002	48	84	6	1352	18	38198	206	169	35	26	7	24	3	83	3	26	1.8	0.9
1566842	36	761	35	70	5	672	10	20211	102	200	22	14	5	17	2	46.8	1.9	18.5	1.2	0.4
1566843	38	757	37	61	5	383	8	20167	107	152	23	3	5	9	2	57	2	16.1	1.2	0.5
1566844	52	1002	47	92	6	853	13	30382	159	223	30	17	6	20	3	57	2	49.6	1.6	-0.4
1566845	47	907	45	74	6	1414	18	39680	198	204	33	5	6	24	3	66	2	60.5	1.7	-0.2
1566846	48	955	44	70	6	692	11	28521	147	204	28	17	6	14	2	46	2	16.2	1.3	-1.2
1566847	48	1066	44	78	6	638	11	28500	145	215	28	1	5	13	2	68	2	22.7	1.4	-0.6
1566848	38	802	39	68	5	641	11	23646	127	214	26	0	5	17	2	50	2	15.6	1.3	-0.8
1566849	39	834	39	68	5	679	11	26843	139	166	27	8	5	14	2	51	2	16.8	1.3	-0.6
1566850	36	822	37	56	5	483	9	23468	120	179	24	-2	5	15	2	46	2	20.3	1.3	-0.3
1566851	41	787	40	73	5	651	11	28423	148	219	28	4	6	19	2	73	3	20.9	1.4	-0.9
1566852	40	861	39	49	5	435	9	23017	122	117	25	17	5	14	2	52	2	19.3	1.4	-0.4
1566853	43	894	41	62	5	451	9	24199	129	122	26	17	5	15	2	47	2	19.1	1.4	-1.3
1566854	41	908	41	59	5	512	10	28969	150	139	28	6	5	12	2	61	2	24.5	1.4	0.1
1566855	39	815	38	64	5	398	8	25338	129	182	26	4	5	15	2	56	2	18.2	1.3	-0.1
1566856	47	1102	43	76	5	518	9	23314	123	104	25	17	5	16	2	66	2	15.4	1.3	0.6
1566857	43	995	41	68	5	436	9	23494	126	94	25	15	5	12	2	53	2	12.3	1.4	-1.1
1566858	27	590	28	48	4	322	6	12850	66	149	16	-8	4	6	1.8	27	1.5	10.3	1	-0.4
1566859	42	952	41	61	5	620	11	26163	138	149	27	13	6	17	2	55	2	14.2	1.4	-0.7
1566860	39	946	39	67	5	436	9	22909	120	150	25	10	5	13	2	55	2	13.3	1.3	-1.5
1566861	38	891	38	57	5	444	9	22535	117	160	24	3	5	16	2	51	2	16.8	1.3	-0.5
1566862	33	746	34	56	5	558	9	19779	102	180	22	-1	5	12	2	39.7	1.9	15.1	1.2	-1.2
1566863	38	854	39	72	5	448	9	24126	131	142	26	13	6	15	2	50	2	18.8	1.4	0
1566864	29	685	31	60	4	363	7	15491	82	77	19	4	4	7	2	37	1.8	9.3	1.2	0.8
1566865	42	948	42	91	6	382	9	23120	125	181	26	0	5	12	2	43	2	26.8	1.4	0.1
1566866	46	918	44	88	6	554	11	36719	189	345	33	-9	6	20	3	98	3	51	2	-0.8
1566867	40	852	39	67	5	323	8	24423	125	228	25	1	5	8	2	49	2	31.6	1.5	0.2
1566868	55	1213	50	122	7	561	11	38556	195	321	33	-4	6	14	2	78	3	124	3	0.5
1566869	44	824	41	61	5	303	8	25721	132	213	26	0	5	15	2	45	2	25.8	1.3	-0.5
1566870	50	938	44	77	6	451	9	29945	155	220	29	7	6	16	2	56	2	23.4	1.4	-1.1
1566871	47	1045	44	79	6	489	9	28888	148	179	28	3	5	16	2	54	2	30.5	1.4	-0.3
1566872	43	881	43	70	6	414	9	25422	144	284	29	-1	6	14	3	44	2	31.2	1.5	-0.1
1566873	40	879	39	66	5	458	9	24333	123	275	25	-17	5	11	2	44.1	2	28.8	1.3	-0.1
1566874	56	1339	53	112	7	528	11	39637	206	135	34	27	6	19	3	75	3	86	2	-0.6
1566875	20	379	22	33	3	124	4	11386	57	126	15	-25	3	3.6	1.6	21.7	1.3	112.4	1.6	-0.7

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Sample_ID	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-	Se
1566876	44	787	41	89	6	335	8	24562	128	136	26	39	6	26	3	44	2	405	4	-1.3
1566877	27	495	28	60	4	158	5	18958	96	202	21	-3	5	17	2	29.8	1.7	243	3	-0.8
1566878	35	734	34	89	5	248	7	22383	112	214	23	-1	5	22	2	33.9	1.8	156	2	0
1566879	28	523	29	46	4	237	6	15729	80	201	19	-16	4	8.5	1.9	30	1.6	40.9	1.3	-0.7
1566880	49	953	46	93	6	292	8	38234	187	169	31	20	6	29	3	44	2	51.7	1.5	-0.5
1566881	45	906	41	86	5	283	7	23141	124	183	25	4	5	26	3	41	2	60.1	1.6	-1.6
1566882	44	856	40	103	6	308	8	24831	128	298	26	-2	5	27	2	35.1	1.9	92.4	1.8	-0.8
1566883	33	605	33	43	4	203	6	22246	109	161	23	-11	5	17	2	32.4	1.7	74.7	1.6	-0.6
1566884	38	777	36	72	5	270	7	19923	103	227	22	3	5	15	2	35	1.8	95.4	1.8	-0.9
1566885	48	803	47	97	7	311	9	21732	135	223	28	6	6	22	3	25	2	467	5	-1.9
1566886	55	1114	48	106	6	403	9	30329	158	409	30	-10	6	31	3	54	2	403	4	0.4
1566887	36	800	36	70	5	325	7	21402	111	215	23	-24	5	14	2	40.2	1.9	113.3	2	-1
1566888	49	1108	45	92	6	377	9	30398	157	231	29	6	6	25	3	48	2	188	3	-0.4
1566889	52	1086	47	99	6	386	9	36614	182	403	32	-11	6	27	3	48	2	278	3	0.3
1566890	52	1085	46	87	6	327	8	29799	153	268	29	-7	6	40	3	43	2	218	3	0.1
1566891	47	889	42	75	5	314	8	25592	130	244	26	-1	5	22	2	46	2	52.9	1.6	-0.4
1566892	41	899	40	101	6	352	8	24041	124	203	25	-1	5	14	2	41.8	2	47.9	1.5	-1.2
1566893	36	679	35	60	5	238	7	21027	106	236	23	-14	5	14	2	31.7	1.7	64	1.5	-0.5
1566894	20	308	21	35	3	84	4	9225	50	102	14	-12	4	6	1.7	15.5	1.2	14.7	0.9	-0.4
1566894	20	342	22	30	3	82	4	9194	50	106	14	-12	4	4	1.7	15	1.2	13.6	0.9	-0.2
1566895	86	1472	68	121	9	1316	21	71641	390	444	51	15	8	93	4	66	3	64	2	0.7
1566896	55	1126	51	103	7	509	11	41081	212	345	35	6	6	47	3	55	2	45.8	1.7	-0.3
1566897	37	700	36	55	5	277	7	24643	122	228	25	-1	5	17	2	41.8	1.9	17.3	1.2	-0.5
1566898	43	834	40	69	5	243	7	21790	114	179	24	-11	5	12	2	32	1.8	112	2	-1.1
1566899	44	827	40	76	5	331	8	24772	128	265	26	-4	5	21	2	45	2	48.7	1.5	0
1566900	43	808	39	68	5	270	7	27224	137	293	27	-19	5	15	2	51	2	121	2	-0.2
1566901	44	910	41	64	5	341	8	27427	139	272	27	7	5	16	2	49	2	113	2	0.1
1566902	48	914	43	70	5	191	7	26810	135	224	26	-13	5	9	2	34	1.8	51.4	1.6	-0.7
1566903	44	842	41	60	5	225	7	30464	152	175	28	-13	5	18	2	37	1.9	98	2	-0.4
1566904	44	905	40	72	5	339	8	23010	118	241	24	4	5	12	2	40.6	1.9	42.9	1.5	-0.1
1566905	43	965	42	64	5	449	9	26419	134	268	26	3	5	20	2	45	2	24.5	1.3	0.6
1566906	48	829	44	63	6	301	8	47871	240	299	37	-7	6	23	3	49	2	226	3	-2.1
1556907	37	687	36	70	5	442	8	21995	112	179	23	-12	5	10	2	34.9	1.8	68.2	1.6	-0.2
1566908	56	1265	50	103	7	1321	17	41671	206	434	34	44	7	30	3	63	2	110	2	1.8
1566909	49	902	48	73	7	312	9	23413	146	183	30	25	7	11	3	31	2	44.3	1.9	0.1
1566910	47	1176	46	193	7	498	10	32417	163	201	30	31	6	14	2	80	3	60.7	1.8	-0.4
1566911	54	1129	49	96	6	490	10	31319	169	268	31	7	6	28	3	55	2	68.1	1.9	-1
1566912	54	1187	48	91	6	396	9	33287	171	315	31	-7	6	17	2	67	2	73	1.9	0
1566913	38	672	34	57	4	73	5	12791	70	146	17	-6	4	9	2	14.4	1.4	15.7	1.1	-0.1
1566914	50	1061	45	75	6	341	8	27277	140	245	27	7	5	17	2	57	2	24.2	1.4	-0.5
1566915	36	741	36	50	5	225	7	19140	100	181	22	-1	5	8	2	35.3	1.8	13.4	1.1	0.6
1566916	45	970	42	75	6	475	9	27575	140	167	27	12	5	22	2	54	2	26.2	1.4	-0.3
1566917	43	818	40	62	5	375	8	23961	123	181	25	1	5	13	2	124	3	22.6	1.7	-0.5

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Sample_ID	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-	Se
1566918	47	888	42	74	5	293	8	25068	133	294	27	-13	5	18	2	51	2	27.4	1.4	-0.8
1566919	34	654	32	60	4	125	5	13392	71	147	17	-8	4	7.9	1.9	25.5	1.5	120.7	1.9	-1.1
1566920	41	910	40	66	5	335	8	22061	113	271	24	-8	5	17	2	41.8	1.9	22.2	1.3	-0.1
1566921	54	946	46	81	6	363	9	33492	168	326	30	-2	6	28	3	53	2	46.7	1.5	-0.2
1566922	42	779	39	100	6	381	8	26947	130	260	25	5	5	19	2	37.5	1.8	41.3	1.3	-0.7
1566923	44	830	41	76	6	423	9	29812	145	373	28	-11	5	33	2	43.2	2	60.3	1.5	-0.5
1566924	56	955	50	80	7	409	10	33137	182	264	33	5	6	44	3	49	2	81	2	-0.9
1566925	60	1118	52	106	7	563	11	50531	259	443	40	-12	7	57	3	74	3	230	3	0.5
1566926	35	758	36	67	5	296	7	30115	142	280	27	-6	5	37	2	42	1.9	231	3	-1.4
1566927	49	1027	45	83	6	420	9	34440	169	280	30	-2	6	36	3	56	2	220	3	-1
1566928	53	1146	48	100	6	376	9	38865	198	360	34	0	6	34	3	55	2	339	4	-0.7
1566929	37	730	36	58	5	253	7	22000	109	188	23	-9	5	18	2	35.9	1.8	238	3	-0.2
1566930	55	1140	49	108	7	459	10	42172	210	388	35	1	6	30	3	62	2	567	5	0.7
1566931	49	927	44	102	6	317	8	34746	171	268	30	-13	5	26	2	56	2	390	4	-1.7
1566932	39	768	40	97	6	388	9	27381	140	243	27	11	5	32	3	35.4	2	280	3	-1.1
1566933	45	908	42	76	6	332	8	29625	149	291	28	3	6	30	3	44	2	305	3	-0.6
1566934	63	1213	52	120	7	523	10	40602	206	433	35	2	6	39	3	63	2	686	5	-2.2
1566935	57	1165	49	112	7	391	9	39331	197	346	33	-6	6	28	3	58	2	659	5	0.5
1566936	57	1076	48	91	6	339	9	34201	174	285	31	-11	6	26	3	51	2	504	4	-0.4
1566937	48	990	42	86	5	215	7	22661	118	140	24	4	5	18	2	26.5	1.8	232	3	-0.5
1566938	40	915	39	84	5	376	8	31187	146	327	27	2	5	22	2	57	2	620	5	-0.4
1566939	49	1066	45	78	6	408	9	28121	146	214	28	9	6	22	3	51	2	323	3	-1.7
1566940	44	947	41	67	5	385	8	24058	120	248	25	3	5	17	2	44.5	2	162	2	0
1566941	42	947	40	67	5	308	7	24639	125	225	25	5	5	23	2	48	2	408	4	-1.9
1566942	58	1264	50	106	6	584	11	34327	176	308	31	16	6	23	3	62	2	698	5	0.3
1566943	52	1109	46	91	6	330	8	29729	151	201	28	3	5	21	2	50	2	539	4	-0.8
1566944	53	1048	46	94	6	306	8	33011	169	257	31	-4	6	26	3	43	2	543	5	-0.3
1566945	44	920	39	87	5	195	6	21601	108	206	23	-6	5	10	2	31.6	1.7	257	3	-0.3
1566946	49	936	44	85	6	314	8	30975	157	323	29	-10	6	35	3	45	2	530	4	0.3
1566947	53	1148	47	98	6	313	8	34641	181	224	32	4	6	25	3	46	2	594	5	-0.5
1566948	49	1069	44	80	6	294	8	29916	149	300	28	-12	5	23	2	45	2	462	4	-0.7
1566949	52	1057	47	97	6	433	10	39805	200	285	33	1	6	41	3	48	2	358	4	-1
1566950	52	1223	48	92	6	401	9	39652	195	337	33	-7	6	41	3	64	2	463	4	-0.3
1566651	53	1069	47	91	6	355	9	35359	180	320	32	-9	6	23	3	49	2	506	4	-1.1
1566652	48	1013	43	75	5	213	7	28263	138	258	26	-13	5	17	2	35.4	1.9	316	3	-0.6
1566653	48	1048	46	101	6	611	11	40070	201	316	34	-9	6	30	3	64	2	386	4	-0.6
1566654	58	1195	50	103	6	453	10	38181	192	295	33	2	6	30	3	56	2	315	3	-0.2
1566655	60	1094	52	100	7	324	9	37455	203	358	35	-8	6	34	3	54	3	194	3	0.6
1566656	59	1088	50	102	6	488	10	39711	201	369	34	4	6	45	3	57	2	208	3	0.4
1566657	38	793	37	57	5	221	6	22689	111	123	23	-3	5	18	2	35	1.8	79.2	1.7	-1.1
1566658	64	1244	54	104	7	703	12	40025	213	302	36	11	7	33	3	63	3	106	2	-0.7
1566659	39	787	36	73	5	226	6	28011	131	174	25	-5	5	12	2	33.9	1.7	55.9	1.5	-0.2
1566660	56	1244	53	107	7	727	13	53552	266	378	39	4	7	65	3	70	3	336	4	-1.1

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Sample_ID	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-	Se
1566661	48	1058	43	88	5	245	7	24837	123	247	25	-9	5	18	2	46.4	2	29.9	1.3	0
1566662	58	1124	49	106	6	376	9	35077	179	276	32	4	6	23	3	55	2	59.3	1.7	0.4
1566663	53	1158	47	82	6	453	9	29914	154	269	29	10	6	27	3	56	2	70.3	1.8	-0.5
1566664	71	1615	59	106	7	1108	16	47591	250	378	39	17	7	49	3	82	3	101	2	0.7
1566665	56	1133	49	115	7	878	13	37971	190	293	33	8	6	31	3	67	2	81.2	1.9	0.1
1566667	23	514	26	37	4	160	5	15179	74	128	17	-7	4	19	2	30.1	1.5	35.4	1.1	-0.7
1566671	62	1384	56	168	8	1083	16	58631	298	395	43	31	7	69	3	90	3	86	2	-0.5
1566668	52	1043	47	92	6	572	11	40817	203	220	33	19	6	38	3	72	3	140	2	-0.7
1566669	67	1378	59	131	8	550	12	54851	287	363	42	-2	7	43	3	99	3	382	4	-0.1
1566670	52	1447	53	62	7	3097	34	45902	238	-20	37	26	6	48	3	1222	11	1178	10	1.8
1566671	78	1577	65	131	8	1361	20	71038	365	184	47	22	8	55	3	126	3	567	6	0.7
1566672	76	1526	66	127	9	1311	20	86091	456	319	54	-14	8	49	4	236	5	1753	13	-1.2
1566673	127	1903	87	258	12	2770	39	125317	697	489	70	90	11	94	5	336	6	1801	14	1.5
1566674	58	1208	53	98	7	939	15	51643	252	316	38	9	6	38	3	101	3	178	3	-0.1
1566675	54	1053	49	92	7	1429	18	59200	293	428	42	-27	7	44	3	126	3	209	4	0.1
1566676	92	1609	70	157	9	1920	26	87271	455	476	54	-4	8	61	4	159	4	309	5	1.2
1566677	75	1450	63	142	8	1403	20	70852	362	394	47	-17	7	56	3	136	4	364	6	-1.5
1566678	85	1494	68	147	9	1355	21	75796	404	428	51	-13	8	75	4	134	4	273	5	0.9
1566679	59	1294	53	119	7	916	14	41429	217	199	35	20	6	25	3	74	3	193	3	0.2
1566680	58	1255	51	94	6	811	13	37489	193	221	33	15	6	32	3	66	3	132	3	0.1
1566681	59	1267	53	101	7	360	9	40486	210	307	35	-10	6	39	3	62	3	118	2	-0.5
1566682	61	1200	53	93	7	554	11	41120	214	231	35	9	6	33	3	74	3	105	2	0.9
1566683	38	858	38	85	5	323	8	26720	131	175	25	0	5	28	2	56	2	377	4	0.5
1566684	55	1006	50	90	7	1248	18	55140	279	240	41	4	7	53	3	155	4	398	5	0.7
1566685	56	1137	50	96	7	1145	16	46983	235	253	37	-5	6	30	3	163	4	317	5	1.4
1566686	43	700	41	77	6	726	12	39806	196	164	33	-7	6	26	3	63	2	238	3	-0.3
1566687	96	1543	77	116	10	1302	22	114845	610	138	63	-3	9	67	4	92	3	1203	10	1.2
1566688	104	2042	85	142	11	2641	38	140324	798	676	76	-12	11	107	5	468	7	873	10	0
1566689	79	1668	69	131	9	3691	44	92459	497	250	57	61	9	57	4	729	9	1887	14	1.1
1566690	60	1391	63	57	9	5025	59	90182	476	-431	54	75	8	94	4	328	6	241	5	0
1566691	69	1453	58	113	7	438	10	47704	250	415	39	-16	7	39	3	88	3	309	4	0.7
1566692	51	1057	47	101	6	347	9	35200	184	162	32	-7	6	24	3	55	2	125	2	0.4
1566693	58	1036	48	108	6	748	12	36594	183	316	32	16	6	36	3	68	2	101	2	0.1
1566694	76	1409	61	136	8	1032	16	57318	299	356	43	28	7	78	4	78	3	79	2	0.2
1566695	53	1054	49	107	7	1170	16	46819	237	331	37	6	6	55	3	70	3	131	2	-0.4
1566696	63	1362	54	95	7	1217	17	44496	223	402	36	14	7	41	3	86	3	147	2	-0.1
1566697	66	1236	61	78	8	529	13	103848	590	1473	67	-140	9	72	4	71	3	136	3	-1
1566698	38	747	37	65	5	426	8	26766	134	201	26	-19	5	23	2	41.4	1.9	22.3	1.3	-0.4
1566699	14	355	18	37	3	118	4	10055	54	131	14	-15	4	6.5	1.7	22.5	1.3	35.4	1.1	-1.3
1566701	37	786	37	53	5	276	7	24733	125	200	25	-10	5	9	2	40.1	1.9	18.5	1.2	-0.4
1566702	40	876	38	65	5	229	7	21701	111	209	23	3	5	15	2	36.5	1.8	35.8	1.4	-0.1
1566703	38	764	37	60	5	202	6	23661	120	183	24	-8	5	14	2	36.2	1.9	193	2	-0.5
1567004	37	644	36	66	5	190	6	24212	124	274	25	-11	5	18	2	30.9	1.9	274	3	-0.5

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Sample_ID	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-	Se
1567005	44	891	42	68	5	250	7	25872	134	269	27	-11	5	13	2	32.2	1.9	231	3	0
1567006	36	701	34	59	4	133	5	16021	85	151	20	-5	4	10	2	26.8	1.7	56.3	1.5	-0.8
1567007	24	480	28	47	4	706	10	13327	76	127	19	-15	4	4.1	2	38.6	1.9	39.6	1.3	-1.8
1567008	49	1123	46	82	6	606	11	34376	178	334	32	-6	6	19	3	60	2	313	3	-0.3
1567009	38	833	38	61	5	255	7	23904	122	198	25	-4	5	15	2	44	2	127	2	-0.8
1567010	40	778	37	55	5	251	7	18582	98	139	22	-7	5	15	2	39.4	1.9	38.9	1.4	-0.3
1567011	40	829	38	62	5	244	7	20146	106	230	23	2	5	12	2	43	2	39	1.4	-0.1
1567012	21	427	23	30	3	90	4	10864	56	113	14	-17	4	16	1.8	24.4	1.3	9.7	0.9	-0.9
1567013	38	793	37	65	5	292	7	24057	122	233	25	-5	5	20	2	48	2	37.7	1.4	-0.9
1567014	43	847	40	67	5	283	8	27098	140	238	27	4	5	22	2	56	2	64.8	1.7	-0.7
1567015	37	842	37	53	5	231	7	18211	93	219	21	-13	5	10	2	36.3	1.8	18.3	1.2	-0.9
1567016	22	446	23	32	3	465	7	11630	63	163	16	-14	4	15.6	2	20.3	1.3	2.9	0.9	-0.2
1567016	17	272	19	26	3	94	4	9356	52	107	14	-22	4	9.4	1.8	11.2	1.1	4.1	0.8	-0.6
1567017	37	752	36	55	5	232	7	19730	104	204	23	-6	5	16	2	42.4	2	19.1	1.2	-0.9
1567018	44	915	41	71	5	335	8	23999	124	217	25	-9	5	18	2	45	2	13.5	1.2	0.7
1567019	28	580	28	53	4	209	6	12734	67	123	17	-14	4	14.6	2	36.1	1.6	6.4	0.9	-0.3
1567019	30	701	31	55	4	251	6	14121	75	144	18	-8	4	22	2	35.4	1.7	8.5	1	-0.2
1567020	36	706	35	53	5	179	6	17132	91	158	21	-6	5	9	2	34.6	1.8	9.6	1.1	-0.1
1567021	26	556	28	39	4	139	5	13101	69	113	17	-9	4	10.3	1.9	30.4	1.6	6	1	-0.7
1567022	34	822	35	55	5	285	7	18146	92	150	20	-1	4	23	2	38.6	1.8	19.2	1.1	0
1567023	39	860	38	64	5	333	8	21104	109	169	23	-4	5	17	2	41.5	1.9	17.4	1.2	-0.3
1567024	41	861	39	78	5	251	7	22856	119	257	25	-4	5	30	3	43	2	27.4	1.3	-0.6
1567025	78	1472	61	97	7	665	12	46635	239	443	38	-2	7	36	3	85	3	192	3	-0.9
1567026	34	689	34	55	5	207	6	19079	97	168	21	-13	4	12	2	28.6	1.7	12.2	1.1	-0.9
1567027	48	1104	45	161	7	585	11	34743	180	339	32	28	6	17	3	76	3	70.1	1.9	-0.1
1567028	58	1122	51	107	7	673	12	36975	198	321	34	13	6	35	3	61	3	229	3	-0.9
1567029	22	532	26	41	4	150	5	15408	73	163	17	-2	4	13.5	1.8	34.9	1.5	81.7	1.5	-1
1567030	25	547	28	55	4	164	6	15463	79	148	19	8	4	10.9	2	33.1	1.6	73.6	1.5	-0.9
1567031	32	726	34	77	5	339	7	20962	102	261	22	-1	5	23	2	42.8	1.8	100	1.8	-0.6
1567032	52	934	46	96	6	673	12	31967	168	270	31	1	6	36	3	52	2	74.2	1.9	-0.6
1567033	50	832	43	86	6	405	9	39736	193	239	32	-8	6	24	2	57	2	191	3	0.5
1567034	65	1233	55	102	7	960	15	48456	254	313	39	4	7	38	3	379	6	1655	11	0.6
1567035	83	1559	70	159	10	1238	20	96687	518	610	59	-49	9	69	4	147	4	1007	9	1.3
1567036	83	1486	68	118	9	1512	23	80968	437	402	54	-7	8	68	4	184	4	904	8	2.2
1567037	56	1059	50	93	7	408	10	39698	212	337	36	-19	6	41	3	72	3	467	5	0.7
1567038	69	1359	61	112	8	1444	21	62299	352	294	48	3	8	50	4	356	6	2478	19	9.2
1567039	51	1102	47	82	6	710	12	36623	188	281	33	-18	6	36	3	110	3	1054	8	-2.1
1567040	70	1422	64	235	10	1796	25	90495	501	653	59	-38	9	55	4	218	5	2100	15	-1.8
1567041	62	1067	54	113	8	1497	20	64893	336	401	46	-21	7	46	3	200	4	769	8	-1.3
1567042	64	1310	55	136	7	1081	16	55242	276	312	40	5	7	51	3	119	3	357	4	-0.3
1567043	73	1335	61	113	8	930	16	66717	352	547	48	-34	8	54	4	222	5	3329	20	2.5
1567044	53	1029	49	77	6	812	13	51122	257	443	39	-27	6	44	3	147	4	1215	8	-1.1
1567045	30	488	28	46	4	183	5	20757	99	236	21	-25	4	16	2	41.5	1.7	174	2	-0.6

Soil XRF Data

Sample_ID	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-	Se
1567046	39	786	39	76	6	330	8	35702	176	298	31	-7	6	22	2	81	3	340	4	-0.2
1567047	25	565	28	61	4	155	5	18630	87	215	19	-22	4	19.7	2	49.7	1.7	267	3	-0.6
1567047	20	435	23	39	4	220	5	16258	76	214	18	-17	4	21	1.9	39.9	1.6	241	3	-1.6
1567048	50	1243	52	115	8	893	15	65199	316	417	43	-26	7	79	3	161	4	891	8	-1.9
1567049	52	1102	49	99	7	1106	16	44291	221	279	35	-3	6	45	3	209	4	947	7	-0.9
1567050	44	914	40	88	5	248	7	20476	106	265	23	-13	5	24	2	46	2	100.3	1.9	-0.8
1566700	49	1013	44	115	6	310	8	25553	134	234	27	19	6	21	2	49	2	88.2	1.9	-0.6
1567051	32	643	32	67	5	323	7	24309	118	202	24	-8	5	16	2	47.3	1.9	177	2	-0.3
1567052	48	1034	43	111	6	618	10	31405	152	349	28	1	5	32	3	71	2	773	5	-0.2
1567052	45	1003	43	89	6	526	10	34937	167	248	29	14	6	35	3	64	2	657	5	-2.1
1567053	34	634	32	65	4	218	6	17436	88	141	20	-6	4	11	2	24.5	1.6	244	3	-1
1567054	20	397	22	53	4	208	5	13987	71	150	17	-13	4	15.3	1.9	32.9	1.5	285	3	-2
1567054	18	436	21	51	3	196	5	14178	70	167	17	-16	4	11.9	1.8	35.6	1.5	277	3	-1.7
1567055	26	527	26	53	4	214	5	15243	75	227	18	-29	4	11.5	1.9	31.8	1.5	151.5	2	-0.8
1567056	33	616	30	58	4	226	6	15758	77	207	18	-17	4	7	1.8	34.4	1.6	40.2	1.2	-0.9
1567057	40	810	38	92	5	370	8	22719	111	241	23	-14	5	21	2	46.7	1.9	123.9	2	-0.9
1567058	49	940	43	115	6	521	10	31091	154	319	29	-9	5	14	2	49	2	79.1	1.8	0.1
1567059	31	688	32	92	5	246	6	23768	108	323	22	-5	5	27	2	45.4	1.7	271	3	-0.9
1567151	54	1092	48	71	6	320	8	32812	170	397	31	-13	6	19	2	50	2	29.6	1.5	0.2
1567152	57	1518	52	107	6	755	12	32570	170	339	31	13	6	35	3	186	4	29.2	1.9	-0.7
1567153	67	1730	60	272	9	883	14	46176	241	316	38	18	7	15	3	93	3	73	2	-0.1
1567154	37	776	35	68	5	212	6	18551	94	184	21	-9	4	7.9	2	33	1.7	6	1.1	-0.6
1567155	55	1112	47	88	6	385	9	29840	155	189	29	15	6	14	2	56	2	32.5	1.5	-0.4
1567156	55	1162	48	83	6	512	10	34155	173	213	31	7	6	21	2	57	2	21.9	1.4	-0.5
1567157	56	1086	47	90	6	243	7	28466	145	270	28	-14	5	24	2	52	2	27.4	1.5	-0.9
1567158	50	1045	45	81	6	207	7	29142	149	192	28	0	5	21	2	44	2	11.5	1.2	-0.5
1567159	64	1216	52	96	6	385	9	34327	182	240	32	16	6	29	3	61	3	12.5	1.4	-0.4
1567160	56	1150	48	80	6	406	9	25241	133	258	27	2	5	22	3	53	2	220	3	-0.6
1567160	57	1111	48	87	6	442	9	25696	136	239	27	2	6	22	3	49	2	226	3	-1.1
1567161	48	996	45	69	6	295	8	37290	184	289	32	-8	6	10	2	37.6	2	10.2	1.2	0
1567162	34	689	34	54	5	137	6	17510	91	158	20	-8	4	7.8	2	24.3	1.6	12.4	1.1	0.3
1567163	44	978	41	87	5	318	8	23570	119	123	24	-7	5	16	2	38.6	1.9	16.4	1.2	-0.7
1567164	38	757	37	67	5	219	7	21965	113	190	24	-10	5	14	2	35.4	1.8	15.4	1.2	0
1567165	43	844	40	57	5	272	7	22904	121	191	25	-3	5	13	2	45	2	12.1	1.2	0
1567166	40	827	39	62	5	226	7	23082	119	283	25	-20	5	11	2	39.4	1.9	13.3	1.1	-0.6
1567167	26	537	28	38	4	396	7	11846	66	125	17	-10	4	0.8	1.8	27.4	1.6	9.4	1	-0.9
1567168	44	819	41	75	5	237	7	23727	126	218	26	-14	5	10	2	41	2	8.4	1.2	-0.8
1567169	46	1051	43	62	5	518	10	30194	154	300	29	-10	6	20	2	63	2	12.7	1.2	0.3
1567170	41	912	40	68	5	331	8	26037	132	321	26	-15	5	26	2	44	2	61.5	1.6	-1.7
1567171	45	1011	43	73	6	386	9	28142	146	285	28	-4	6	24	3	50	2	39.4	1.5	-0.6
1567172	37	836	37	63	5	244	7	20091	104	180	22	-4	5	14	2	45.4	2	29.7	1.3	-2
1567173	47	1117	45	58	5	378	9	28815	149	261	28	2	6	14	2	64	2	56.8	1.7	-1.6
1567174	37	712	36	50	5	349	8	20410	109	180	23	-3	5	16	2	34.4	1.9	13.8	1.2	-1

Soil XRF Data

Sample_ID	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-	Se
1567175	43	868	41	60	5	253	7	24036	125	180	25	-6	5	14	2	41	2	9.9	1.1	0.1
1567176	37	804	37	56	5	196	6	18910	102	167	22	-8	5	9	2	37.4	1.9	12.8	1.1	-1.2
1567177	29	644	30	39	4	151	5	12492	67	142	17	-11	4	6.5	1.9	27.2	1.5	5.7	0.9	0.1
1567178	37	788	37	55	5	214	7	21137	109	232	23	-11	5	13	2	41.3	1.9	11.4	1.1	-0.6
1567179	36	798	36	59	5	244	7	17025	91	162	21	-5	5	9	2	38.6	1.9	7.2	1	0.1
1567180	39	831	37	68	5	194	6	19653	104	178	23	-9	5	9	2	36.8	1.9	12.6	1.1	-1.2
1567181	35	738	36	60	5	279	7	20532	106	128	23	9	5	23	2	35.6	1.9	28.9	1.3	-0.2
1567182	42	944	41	64	5	362	8	27144	141	152	27	3	5	20	2	43	2	36.4	1.4	-1.9
1567183	19	394	22	33	3	162	5	12475	62	156	16	-17	4	17.3	1.9	29.8	1.4	19.8	1	-1.6
1567184	45	904	41	77	5	225	7	23388	123	251	25	0	5	20	2	46	2	26.2	1.4	0
1567185	36	768	36	59	5	207	6	19195	100	175	22	-4	5	8	2	38.5	1.9	17	1.1	-0.5
1567186	21	484	24	32	3	100	4	10746	55	123	14	-15	4	6.9	1.7	22.5	1.3	5.1	0.8	-1.3
1567187	39	770	38	67	5	210	7	19018	103	197	23	1	5	13	2	44	2	8.3	1.1	-0.8
1567188	40	801	38	54	5	256	7	21870	117	208	25	-4	5	19	2	47	2	9.7	1.2	-0.8
1567189	33	709	33	54	4	216	6	15248	81	211	19	-14	4	12	2	32.9	1.7	9	1.1	0.2
1567190	34	735	34	54	5	173	6	18773	98	197	22	-2	5	14	2	37.8	1.8	10.5	1.1	-0.4
1567191	38	690	36	60	5	196	7	20793	108	186	23	-15	5	15	2	33.9	1.8	12.4	1.1	-0.3
1567192	35	689	35	55	5	243	7	18860	101	140	22	-4	5	14	2	31.9	1.8	21.4	1.2	-0.6
1567193	44	893	42	73	6	770	12	30558	153	207	28	-9	5	20	2	63	2	38.8	1.4	-0.4
1567194	39	870	39	58	5	355	8	23640	127	265	26	-20	5	17	2	46	2	38.2	1.5	-1
1567195	39	744	37	59	5	354	8	21796	111	221	23	-5	5	11	2	50	2	33.7	1.4	-1.1
1567196	28	635	30	49	4	187	6	15992	78	205	18	-12	4	28	2	29.1	1.5	42.5	1.3	-0.2
1567197	42	902	40	71	5	267	7	25733	132	261	26	-8	5	14	2	50	2	12.9	1.2	-0.5
1567198	39	803	39	68	5	353	8	26245	134	297	27	-10	5	16	2	38.5	2	44	1.5	-0.1
1567199	53	1149	48	86	6	615	11	33239	172	234	31	3	6	19	3	109	3	54.1	1.7	0
1567200	25	572	27	32	4	1654	16	15841	76	150	18	-10	4	14.3	1.9	43.4	1.6	30.9	1.1	-1.6
1566701	45	895	42	71	5	379	8	27095	139	273	27	-16	5	10	2	42	2	36.4	1.4	-0.7
1566702	46	816	42	71	6	331	8	28625	151	255	29	-6	6	13	2	44	2	40.4	1.6	0.7
1566703	56	1054	48	91	6	654	11	36709	190	337	33	10	6	29	3	77	3	63.5	1.8	-0.8
1566704	49	882	43	81	6	441	9	29824	152	283	29	3	6	22	2	59	2	34.2	1.5	0.6
1566705	43	781	40	76	5	442	9	25825	132	185	26	5	5	14	2	64	2	31.3	1.5	-0.3
1566706	48	917	46	79	6	374	9	37362	197	305	34	-4	6	20	3	53	2	17.5	1.4	-0.6
1566707	41	763	40	66	5	365	8	30532	158	346	30	-2	6	16	2	47	2	27.4	1.4	-0.3
1566708	44	732	40	57	5	242	7	24348	129	211	26	-7	5	18	2	32.5	1.9	50.1	1.6	-0.2
1566709	51	983	46	88	6	663	11	35023	178	270	31	11	6	26	3	70	3	188	3	-1.8
1566710	44	942	42	86	6	441	9	29106	144	260	27	3	5	18	2	50	2	47.3	1.5	-0.1
1566711	42	822	41	90	6	684	11	27252	142	179	27	3	5	19	2	49	2	17.2	1.4	0.3
1566712	42	807	39	54	5	567	10	26719	133	195	26	1	5	20	2	56	2	16.3	1.2	0
1566713	44	885	41	69	5	397	9	28976	145	251	28	-7	5	14	2	39.9	2	28.2	1.4	0.5
1566714	50	1080	46	76	6	720	12	30999	161	218	30	1	6	20	3	59	2	30	1.5	-0.3
1566715	32	614	32	58	4	149	6	16118	87	169	20	-23	4	14	2	25.3	1.7	16	1.1	0.3
1566715	33	598	31	47	4	149	5	16577	83	172	19	-13	4	9.6	1.9	28.3	1.5	17.8	1.1	-0.4
1566716	32	584	31	63	4	106	5	17165	90	202	21	-16	4	13	2	23	1.6	17.2	1.1	-1.2

Soil XRF Data

Sample_ID	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-	Se
1566717	38	746	36	51	5	215	6	21994	107	183	22	-10	5	10	2	28.7	1.6	44.2	1.4	0.4
1566718	34	795	36	48	5	269	7	21930	113	217	24	-10	5	14	2	40.2	1.9	70.2	1.7	-0.4
1566719	53	1136	47	70	6	671	11	30333	156	289	29	-3	6	27	3	61	2	40.3	1.5	0.4
1566720	52	938	46	83	6	558	11	35289	183	236	32	1	6	18	3	53	2	41.4	1.7	-0.9
1566721	29	654	34	55	5	922	13	20136	106	131	23	-3	5	9	2	39.3	1.9	39.5	1.4	-0.8
1566722	47	947	43	60	5	453	9	26131	139	154	27	15	6	17	2	56	2	49.9	1.7	-0.8
1566723	29	624	32	78	5	655	10	24368	119	167	24	0	5	16	2	65	2	20.3	1.2	-1.9
1566724	43	858	41	70	5	480	9	29058	147	221	28	-8	5	22	2	57	2	25.2	1.4	-0.5
1566725	61	1177	53	110	7	733	13	48643	246	378	38	3	7	39	3	79	3	31.1	1.7	0.6
1566726	11	200	16	35	3	288	6	6677	43	95	13	-7	4	5.4	1.8	19.1	1.5	8.1	1	-2
1566727	45	978	44	84	6	373	9	28802	153	299	29	-5	6	22	3	59	2	75	1.9	-0.2
1566728	38	904	40	111	6	483	10	27980	142	219	27	4	5	14	2	91	3	103	2	0.3
1566729	32	799	35	78	5	441	9	28460	135	178	26	-3	5	21	2	63	2	48.3	1.5	-0.7
1566730	30	579	30	62	4	122	5	15985	84	73	19	2	4	10	2	30.1	1.7	27.6	1.3	-0.6
1566731	34	859	37	109	6	877	12	25364	128	151	25	24	5	16	2	89	3	85	2	0.1
1566732	33	826	39	64	6	290	8	29027	148	224	28	9	6	24	2	77	3	53.4	1.8	-0.1
1566733	44	882	42	75	6	544	10	27862	146	165	28	12	6	26	3	76	3	39.7	1.8	-0.6
1566734	50	901	44	78	6	367	9	29321	153	330	29	-22	6	18	2	53	2	18	3	-1.3
1566735	54	1152	48	101	6	547	10	34391	178	371	32	-11	6	22	3	64	2	21.6	1.4	-0.7
1566736	40	780	39	72	5	432	9	24928	129	166	26	-8	5	18	2	39.3	2	16.9	1.2	-0.2
1566737	48	953	43	62	5	306	8	30723	156	268	29	-10	5	15	2	42	2	35	1.6	-0.2
1566738	45	809	42	67	6	284	8	24203	134	215	27	-1	6	16	2	33	2	21.9	1.4	-1.5
1566739	62	1091	51	77	6	370	9	39147	200	327	34	-15	6	17	2	48	2	66.1	1.8	0.6
1566740	47	918	43	74	6	317	8	30135	153	289	29	-16	5	19	2	41	2	37.3	1.5	-0.4
1566741	48	902	43	73	6	343	8	31204	160	250	29	-15	5	7	2	43	2	28.7	1.5	-0.6
1566742	46	1014	43	80	6	376	8	24226	128	241	26	-12	5	17	2	46	2	55.8	1.7	0.1
1566743	46	929	42	70	5	459	9	28234	144	305	28	-12	5	18	2	45	2	12	1.2	0.1
1566744	57	1168	50	99	7	649	12	46812	238	440	38	2	7	39	3	76	3	74.1	2	-0.9
1566745	46	925	43	66	5	490	9	28967	149	214	28	0	5	19	2	57	2	19.3	1.3	-0.2
1566746	44	1046	43	68	6	772	12	30155	158	265	30	-4	6	15	2	167	4	44	2	-0.6
1566747	48	1048	44	70	6	522	10	24977	132	254	27	0	5	16	2	83	3	28.2	1.7	-0.6
1566748	44	954	41	69	5	290	8	21939	116	149	24	-1	5	12	2	37.2	2	10.9	1.2	0
1566749	51	989	45	80	6	302	8	31006	160	310	30	-19	6	12	2	39	2	15.5	1.3	0.6
1566750	57	1162	49	97	6	410	9	33444	175	303	31	-4	6	26	3	61	2	23.5	1.5	0
1566559	54	1209	48	93	6	249	8	29194	151	241	29	-3	6	15	2	47	2	15.8	1.3	0.1
1566560	52	1174	48	94	6	217	7	29579	156	272	29	-13	6	21	3	47	2	15.2	1.3	0
1566561	56	1376	50	94	6	288	8	29852	157	294	30	4	6	16	2	46	2	22.5	1.4	0.6
1566562	47	977	43	77	6	317	8	25063	130	248	26	-4	5	18	2	44	2	12.1	1.2	-0.2
1566563	49	1215	46	83	6	238	7	24870	131	261	26	-5	5	18	2	46	2	10	1.2	-0.5
1566564	47	1009	43	71	5	301	8	25169	131	230	26	5	5	26	2	53	2	10.1	1.2	-0.7
1566565	48	1032	45	78	6	343	8	24970	135	210	27	11	6	14	2	48	2	13.3	1.3	0.2
1566566	47	1016	44	80	6	235	7	25523	133	221	26	-11	5	17	2	42	2	11.1	1.2	0
1566567	49	1196	47	78	6	240	8	26319	142	158	28	-5	5	17	2	37	2	13.4	1.2	0.3

Soil XRF Data

Sample_ID	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-	Se
1566568	56	1243	50	82	6	247	8	30163	160	252	30	-4	6	18	3	40	2	20.4	1.4	-0.6
1566569	49	1227	46	71	6	247	7	23468	123	191	25	-9	5	8	2	39	2	34.9	1.4	-0.9
1566570	61	1255	52	99	7	432	10	37699	195	391	34	-2	6	26	3	53	2	13.4	1.3	-0.3
1566571	46	899	42	74	6	264	7	28588	144	267	28	-18	5	17	2	33.3	1.9	11.4	1.2	-0.3
1566572	58	1218	50	102	6	392	9	34540	177	321	32	-10	6	14	2	44	2	14.7	1.3	-0.6
1566573	54	1147	48	82	6	306	8	33688	171	288	31	-7	6	21	2	45	2	16.6	1.3	-0.1
1566574	79	1391	61	130	8	1140	17	48958	260	337	40	8	7	41	3	76	3	43.7	1.8	-0.8
1566575	52	1116	47	91	6	509	10	29498	151	260	29	-1	6	12	2	44	2	148	2	0
1566576	46	1110	43	89	6	160	6	25002	128	279	26	-20	5	17	2	36.7	1.9	26.1	1.3	-0.9
1566578	40	879	41	64	5	221	7	21825	117	204	24	-2	5	15	2	40	2	27	1.3	-0.6
1566579	47	961	43	72	5	255	7	22754	123	281	26	-6	5	14	2	53	2	391	4	-0.5
1566580	51	1038	48	82	6	173	7	29144	162	269	31	-12	6	23	3	46	2	116	2	-1.2
1566583	55	1190	49	100	6	243	8	34855	182	327	32	-13	6	25	3	50	2	77.5	1.9	-0.2
1566584	50	1208	47	77	6	288	8	29702	158	328	30	-12	6	27	3	51	2	33.8	1.5	0
1566585	60	1237	51	102	6	325	8	31805	167	301	31	-3	6	26	3	55	2	112	2	-0.7
1566586	66	1293	53	104	7	279	8	35685	187	307	33	-5	6	24	3	54	2	119	2	0.1
1566586	67	1329	53	99	6	314	8	34997	183	354	33	-8	6	27	3	60	2	113	2	-0.7
1566587	58	1276	49	100	6	319	8	28542	149	258	28	-11	5	20	2	50	2	73.2	1.8	0.8
1566589	50	1040	45	87	6	336	8	27080	141	211	27	-1	5	20	2	52	2	33.5	1.4	-1.2
1566590	48	1024	44	87	6	299	8	28037	144	292	28	-16	5	19	2	47	2	69.1	1.7	0.4
1566591	57	1206	49	104	6	294	8	32622	170	234	31	0	6	24	3	48	2	46.6	1.6	0
1567203	45	922	43	88	6	269	8	27529	148	283	29	-7	6	22	3	52	2	21.4	1.5	0.3
1567204	44	837	41	61	5	175	7	23162	122	234	25	-8	5	21	2	42	2	10.6	1.2	-0.8
1567205	50	1091	47	91	6	183	7	31053	165	330	31	-11	6	23	3	51	2	11	1.4	0.4
1567206	44	983	42	62	5	199	7	25746	133	202	26	-4	5	20	2	49	2	13	1.2	-0.7
1567207	48	898	43	78	6	169	7	27129	142	287	28	-13	5	24	3	49	2	25	1.4	0.5
1567208	48	992	44	73	6	202	7	23443	127	276	26	-20	5	21	2	45	2	9	1.2	-0.4
1567209	45	985	43	73	6	190	7	30518	159	247	30	-9	6	25	3	53	2	10.4	1.3	-1
1567210	44	902	41	74	5	254	7	23336	121	248	25	-10	5	21	2	48	2	9.1	1.2	-0.4
1567211	45	860	42	80	6	248	7	23816	125	228	25	-11	5	11	2	40.1	2	7.3	1.2	-0.2
1567212	63	1273	52	87	6	1444	18	44173	218	-45	34	51	6	35	3	49	2	10	1.2	0.7
1567213	35	747	35	47	5	274	7	21817	110	221	23	-6	5	12	2	35.2	1.8	7.5	1	-0.6
1567214	34	697	35	38	5	211	7	19464	103	151	22	-2	5	5	2	27.5	1.7	6.6	1	0.8
1567215	37	713	36	68	5	231	7	20671	106	199	23	-11	5	11	2	35.2	1.8	6.6	1.1	-0.4
1567216	44	937	44	61	6	353	9	22098	125	238	26	-4	6	16	2	44	2	8	1.1	-1.1
1567217	36	739	35	57	5	277	7	20041	103	151	22	-10	5	9	2	30.2	1.7	6.2	1	-0.5
1567219	43	914	39	74	5	152	6	14461	81	100	19	5	5	9	2	27.7	1.7	5.1	1.1	-0.5
1567220	38	758	37	69	5	220	7	19097	101	163	22	3	5	15	2	43.4	2	6.3	1	0.4
1567221	61	1076	55	104	8	744	14	60790	320	385	45	-9	7	32	3	80	3	4	1.3	1.5
1567222	42	784	42	62	6	297	8	21343	120	204	25	7	6	18	3	40	2	8.3	1.2	-0.4
1567223	36	730	36	51	5	327	7	24848	122	181	24	-10	5	5.2	2	36.8	1.8	11.4	1.1	-0.5
1567224	38	665	36	44	5	407	8	20965	110	158	23	-1	5	9	2	33.1	1.8	7	1.1	0.2
1567225	33	744	34	51	4	240	6	15852	84	161	20	-4	4	12	2	37.4	1.8	7.1	1	0.2

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Sample_ID	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-	Se
1567226	42	939	41	81	6	263	7	27098	134	198	26	-5	5	14	2	50	2	49.6	1.5	-0.4
1567227	58	1020	50	80	6	586	11	36833	198	314	34	-22	6	15	3	64	3	11.9	1.4	0.6
1567228	32	611	30	50	4	103	5	6981	44	93	13	-9	4	3.7	1.8	15.2	1.3	3.7	0.9	-0.6
1567229	47	983	43	87	6	373	8	27422	142	300	28	-1	6	25	3	56	2	10.2	1.2	-0.6
1567230	51	1007	47	94	6	344	9	27968	154	302	30	-13	6	14	2	45	2	8.5	1.2	0.1
1567231	48	1008	45	62	6	296	8	22332	121	248	25	0	5	16	2	39	2	4.7	1.1	-0.2
1567232	38	799	36	65	5	272	7	20135	102	248	22	-7	5	11	2	33.1	1.7	9.6	1.1	0
1567060	41	751	38	52	5	225	7	25995	132	213	26	-10	5	12	2	35.8	1.9	11	1.2	-1.1
1567061	38	840	39	118	6	281	7	24779	126	170	25	-2	5	13	2	38	1.9	8.4	1.2	-1.6
1567062	41	879	40	99	6	414	9	26703	132	196	26	0	5	7	2	50	2	9.7	1.2	-0.3
1567063	39	791	37	77	5	355	8	21460	109	262	23	-8	5	12	2	38.8	1.9	6.8	1.1	-0.2
1567064	75	1047	60	114	8	331	10	38038	233	345	40	-14	7	24	3	42	3	8.4	1.5	-1.5
1567065	45	927	41	86	6	456	9	27622	138	300	27	2	5	16	2	50	2	15.4	1.2	-0.7
1567066	42	872	42	62	5	326	8	23053	125	205	26	7	5	12	2	40	2	14.3	1.2	-0.3
1567067	41	795	39	70	5	200	7	24699	125	241	25	-9	5	19	2	39.6	1.9	18.7	1.3	-0.7
1567068	53	1197	48	141	7	582	11	33004	166	314	30	-6	6	22	2	64	2	18	1.4	-1.6
1567069	49	992	45	85	6	469	10	24591	134	230	27	-2	6	20	3	47	2	11.6	1.3	0
1567070	43	774	39	60	5	290	8	22273	112	234	23	-13	5	9	2	33.5	1.8	8.6	1.1	0.1
1567071	41	890	40	63	5	367	8	27190	138	246	27	8	5	23	2	63	2	13.7	1.2	-0.2
1567072	38	826	37	68	5	346	7	21526	105	269	23	-5	5	19	2	43.4	1.8	45.5	1.4	0
1567073	34	603	35	56	5	270	7	16289	96	152	22	4	5	9	2	36	2	11.7	1.2	-1.4
1567074	48	953	47	70	6	337	9	23810	138	166	28	-2	6	21	3	44	2	15.3	1.4	-0.7
1567075	35	831	35	59	5	231	6	19306	96	275	21	-16	5	16	2	41.1	1.8	14.9	1.1	-0.9
1567076	50	1066	45	97	6	261	7	26594	135	332	27	-14	5	20	2	48	2	16.5	1.3	-0.3
1567077	43	812	41	79	5	198	7	17477	97	131	22	-7	5	9	2	25.7	1.8	13.3	1.2	-0.5
1567078	35	783	36	67	5	257	7	26835	131	286	26	-10	5	16	2	45.3	1.9	24.9	1.3	0.6
1567079	42	629	44	69	6	579	13	17546	120	114	27	21	7	13	3	35	3	15.6	1.4	-0.9
1567080	42	841	41	75	5	401	9	25825	131	217	26	-3	5	20	2	40.6	2	40.2	1.5	-0.1
1567081	43	665	38	51	5	234	7	22197	116	238	24	-19	5	5	2	28.7	1.8	10.2	1.1	-0.5
1567082	33	652	34	55	5	284	7	21826	110	132	23	14	5	8	2	41.2	1.9	8	1	0.5
1567083	51	1121	47	91	6	370	9	27234	143	253	28	-4	6	24	3	51	2	20.7	1.3	-0.9
1567084	46	933	45	64	6	331	9	26667	145	185	28	0	6	14	2	38	2	17.1	1.3	-0.5

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Sample_ID	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Y	Y +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	W
1566751	0.7	119.1	1.6	368	6	1020	65	342	6	-0.3	1.5	-7	4	-2	5	10	8	7	9	9
1566752	0.7	150.4	1.8	200	4	966	70	271	5	1.5	1.5	-7	4	7	5	22	9	14	10	4
1566753	0.6	88.1	1.3	95.3	2	712	51	236	4	-2.2	1.2	-1	4	0	4	11	7	2	8	25
1566754	0.7	110.6	1.5	82.7	2	901	62	353	6	-2.3	1.4	-7	4	-2	5	10	8	11	9	9
1566755	0.8	158.7	1.9	137	3	1137	73	255	5	0.3	1.4	-9	4	-8	5	3	9	-22	10	27
1566756	0.8	75.6	1.4	77	2	824	59	257	5	-0.4	1.4	3	4	8	5	6	8	6	9	8
1566757	0.8	92.3	1.4	61.4	1.7	626	54	268	4	-0.6	1.3	-11	4	4	5	19	8	11	9	0
1566758	0.8	98.2	1.5	79.3	2	848	62	316	5	2.3	1.4	2	4	3	5	18	8	-11	9	12
1566759	0.9	154.3	1.9	107	2	1196	74	384	6	0.4	1.5	1	4	1	5	4	9	-7	10	-2
1566760	0.8	106.5	1.6	124	3	1236	72	334	6	-1.5	1.5	-6	4	0	5	27	9	11	10	3
1566761	0.8	126.7	1.6	84.7	2	911	65	222	4	-1.5	1.3	5	4	10	5	7	8	2	9	-2
1566762	0.7	137.8	1.7	80	2	946	65	239	4	-2	1.3	-2	4	3	5	29	8	-2	9	14
1566763	0.8	113.6	1.6	228	4	1014	64	406	6	-1.2	1.5	3	4	-8	5	5	8	33	9	9
1566764	0.7	200	2	99	2	1251	76	283	5	-0.4	1.4	-1	4	-1	5	24	8	12	9	23
1566765	0.6	85.8	1.4	73.3	1.9	782	59	246	4	1.6	1.4	-2	4	2	5	16	8	5	9	11
1566765	0.6	88.1	1.4	74.3	1.9	800	59	252	4	0	1.3	0	4	-4	5	17	8	-12	9	11
1566766	0.7	72.2	1.3	93	2	711	55	323	5	-2	1.4	-7	4	4	5	5	8	-3	9	10
1566767	0.6	68.2	1.2	92	2	789	57	256	5	0.7	1.4	-1	4	1	5	12	8	2	9	28
1566768	0.6	103	1.5	116	2	1073	64	296	5	-1.9	1.4	-2	4	0	5	-1	8	0	9	30
1566769	0.7	121.6	1.6	69.8	1.9	857	65	285	5	-1.4	1.4	9	4	-1	5	14	8	-7	9	110
1566770	0.6	102.9	1.4	88.3	2	723	55	276	4	-2.5	1.3	-4	4	3	5	14	8	4	8	19
1566771	0.6	94.7	1.4	101	2	1054	63	333	5	-1.8	1.4	-5	4	2	5	2	8	2	9	-5
1566772	0.7	127.5	1.8	104	2	1090	71	353	6	-1	1.5	1	4	-2	5	16	9	18	10	10
1566773	0.6	79.6	1.3	93	2	673	53	264	4	1.7	1.3	0	4	1	5	7	8	7	9	11
1566774	0.6	74.6	1.2	84.6	1.9	861	54	287	4	-1.5	1.2	-2	4	2	5	5	7	2	8	6
1566775	0.6	99.2	1.3	87.8	1.9	905	54	218	4	-1.7	1.2	8	4	2	4	-5	7	-6	8	0
1566776	0.6	96.9	1.5	97	2	1058	63	269	5	-2.4	1.4	4	4	-7	5	4	8	-2	9	14
1566777	0.6	36.4	0.9	67.4	1.7	1557	60	348	5	-1.8	1.3	-2	4	-2	5	7	8	-3	9	18
1566778	0.6	93.7	1.4	94	2	832	58	271	4	-1.8	1.3	3	4	4	5	14	8	-3	9	1
1566779	0.6	101.5	1.4	90.7	2	1006	57	232	4	0.7	1.2	2	4	-3	5	1	7	-13	8	12
1566780	0.6	91	1.3	71.7	1.7	720	51	202	3	-2.3	1.2	-2	4	-3	5	8	8	9	8	4
1566781	0.7	152.8	1.8	114	2	885	67	283	5	-1.6	1.4	-2	4	-1	5	27	8	-4	9	3
1566782	0.6	111.5	1.4	77.7	1.8	610	53	235	4	0.1	1.2	7	4	3	4	7	7	1	8	1
1566783	0.6	69.2	1.1	110	2	724	48	233	4	-0.8	1.2	0	4	-5	4	3	7	-8	8	-7
1566784	0.6	80.1	1.3	86.3	2	744	52	228	4	-2.3	1.2	-2	4	-3	5	9	8	-5	9	10
1566785	0.6	102	1.5	96	2	921	60	239	4	-1.4	1.3	-4	4	1	5	15	8	-17	9	12
1566786	0.5	75.1	1.1	54.9	1.3	435	40	105	2	-3.4	0.9	1	3	3	4	-10	6	11	7	9
1566787	0.4	21.3	0.7	21	0.7	151	21	31.2	0.9	-1.1	0.7	7	3	7	3	-18	5	2	5	4
1566788	0.5	83.7	1.3	90.1	2	779	53	212	4	-1.7	1.2	0	4	1	5	6	8	-1	8	6
1566789	0.7	107.8	1.5	76	1.8	988	61	271	4	-1.4	1.3	-7	4	-7	5	10	8	-3	9	-2
1566790	0.6	123.1	1.6	108	2	1221	69	408	6	-2.1	1.5	-4	4	-1	5	11	8	10	9	19
1566791	0.6	124.4	1.6	91	2	975	62	232	4	-1.8	1.3	5	4	-2	5	8	8	11	9	2
1566792	0.6	57.6	1.1	99	2	752	51	252	4	0.2	1.3	-4	4	-4	5	-4	8	17	8	3

Soil XRF Data

Sample_ID	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Y	Y +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	W
1566793	0.4	23.6	0.7	36	0.9	340	28	107.2	1.8	-2.7	0.8	5	3	10	3	-20	5	-2	6	-6
1566794	0.6	72.3	1.3	100	2	852	58	212	4	-1.5	1.3	6	4	7	5	1	9	-3	10	6
1566795	0.6	118.2	1.6	112	2	1224	66	365	6	0.4	1.4	-2	4	2	5	14	8	-11	9	1
1566796	0.6	73.6	1.2	108	2	876	56	310	5	1.2	1.3	6	4	-1	5	16	8	-14	9	-3
1566797	0.6	59	1.1	96	2	845	53	271	4	-1.4	1.3	0	4	2	5	6	8	7	9	-6
1566798	0.6	74.7	1.3	162	3	1114	62	305	5	1.2	1.4	-5	4	-1	5	0	8	-7	9	3
1566799	0.5	68.1	1.1	181	3	834	52	245	4	-0.5	1.2	-2	4	1	5	7	8	-7	8	15
1566800	0.6	131.7	1.6	133	3	1050	66	274	5	1.2	1.4	3	4	0	5	1	8	-11	9	15
1566801	0.5	46.5	0.9	57.9	1.3	537	36	159	2	-1.5	0.9	-4	3	-1	4	-14	6	5	6	-4
1566802	0.6	54.9	1.1	134	3	762	56	238	4	-0.6	1.4	-3	4	-5	5	14	9	12	10	2
1566803	0.6	54	1.1	121	2	968	53	251	4	1.3	1.3	0	4	8	5	-8	8	4	8	4
1566804	0.6	47.5	1.1	100	2	700	52	236	4	1.9	1.3	0	4	5	5	1	8	4	9	2
1566805	0.5	41.2	0.9	77.3	1.6	447	36	120	2	-0.4	1	-1	3	5	4	-7	6	0	7	6
1566806	0.5	56.3	1.1	93	2	676	47	206	4	-1.5	1.2	-1	4	-2	5	5	7	1	8	5
1566807	0.5	58.3	1	109	2	803	45	227	3	-1.5	1.1	3	3	1	4	9	7	3	8	13
1566808	0.5	60.4	1	110	2	635	45	203	3	-1.6	1.1	3	4	4	4	9	7	14	8	5
1566809	0.5	70.6	1.1	134	3	790	51	261	4	-0.6	1.2	2	4	8	5	12	7	-2	8	17
1566810	0.5	68	1.2	168	3	631	49	208	4	-3.8	1.2	6	4	0	5	-1	7	12	8	13
1566811	0.6	57.2	1.1	133	3	574	47	189	3	0.1	1.2	2	4	4	5	-3	7	13	8	25
1566812	0.5	86.1	1.2	139	2	643	47	247	4	-2.6	1.1	-3	4	-9	4	1	7	0	8	7
1566813	0.5	70.3	1.2	77.4	1.8	933	54	330	5	0.3	1.3	6	4	7	5	-6	7	5	8	11
1566814	0.6	75.4	1.2	66.4	1.6	798	52	249	4	-1.5	1.2	-2	4	-2	5	6	8	-10	9	2
1566814	0.6	111	1.5	78.2	1.9	1111	65	267	4	0.5	1.3	2	4	7	5	15	8	-7	9	5
1566815	0.6	129.2	1.6	98	2	826	63	202	4	2.2	1.3	1	4	-7	5	12	8	-6	9	7
1566816	0.6	117.6	1.5	112	2	950	61	302	5	-3.1	1.3	-2	4	3	5	5	8	22	8	9
1566817	0.6	171.9	1.9	105	2	2301	84	378	6	0.3	1.4	-1	4	3	5	15	8	21	9	18
1566818	0.6	114.9	1.6	133	3	1021	66	250	4	-0.9	1.4	-1	4	3	5	26	8	-20	9	12
1566819	0.6	87.1	1.3	126	2	641	53	206	4	-0.5	1.2	-2	4	-4	5	20	8	0	9	15
1566820	0.6	92.3	1.3	117	2	819	54	285	4	-2.6	1.2	0	4	-2	5	3	7	-15	8	21
1566821	0.5	46.6	1	107	2	690	47	207	4	0.5	1.2	2	4	3	5	12	7	19	8	10
1566822	0.6	97.7	1.3	119	2	759	54	321	5	-0.8	1.3	-2	4	-8	5	7	8	-1	8	4
1566823	0.5	81.3	1.2	101	2	748	52	234	4	-2.4	1.2	-4	4	3	5	4	7	-4	8	3
1566824	0.6	88.3	1.4	124	3	1070	64	256	5	-0.6	1.4	1	4	4	5	14	8	-1	9	21
1566825	0.5	67.2	1.1	133	2	424	40	135	2	-2	1	3	3	4	4	-12	6	1	7	13
1566826	0.6	111.3	1.5	222	4	988	63	182	4	1	1.3	3	4	9	5	22	8	-13	9	13
1566827A	0.6	114.4	1.5	292	5	913	60	275	4	-2	1.3	0	4	-1	5	10	7	0	8	8
1566827	0.5	67.6	1.1	172	3	602	45	190	3	-1.9	1.1	3	3	0	4	-10	7	6	7	20
1566828A	0.5	63.1	1.1	169	3	627	48	230	4	-1	1.2	1	4	-1	4	0	7	-3	8	0
1566828	0.5	72.9	1.2	145	3	611	47	175	3	-0.7	1.1	1	4	3	4	11	7	10	8	11
1566829	0.6	86.1	1.3	168	3	725	51	223	4	-1.9	1.2	-1	4	12	4	18	7	-1	8	25
1566830	0.6	69.2	1.2	158	3	901	53	245	4	-1	1.2	-4	4	2	5	4	7	14	8	8
1566831	0.5	64.2	1.1	166	3	615	49	219	4	-0.9	1.2	-3	4	2	5	-4	8	-13	8	11
1566832	0.5	58.1	1	125	2	564	43	194	3	-2.2	1.1	-2	4	-4	4	5	7	-13	8	6

Soil XRF Data

Sample_ID	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Y	Y +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	W
1566833	0.6	65.2	1.1	126	2	724	49	202	3	-2.2	1.1	-2	4	12	4	10	7	-14	8	0
1566834	0.7	126.7	1.8	124	3	779	62	221	4	1.5	1.4	-2	4	14	5	11	9	-2	10	22
1566835	0.6	75.4	1.3	113	2	650	52	222	4	0.3	1.3	-6	4	-5	5	9	8	-1	9	20
1566836	0.5	56	1	103	2	675	45	193	3	-2	1.1	0	4	4	4	11	7	-5	8	6
1566837	0.6	65	1.2	108	2	630	50	201	4	0.3	1.2	8	4	5	5	22	8	-11	9	9
1566838	0.6	62.6	1.2	117	3	878	57	229	4	-1.7	1.3	2	4	7	5	7	8	14	9	1
1566839	0.6	77.1	1.2	109	2	896	54	322	5	0	1.3	1	4	7	5	14	7	-15	8	-3
1566840	0.6	62.5	1.2	86	2	648	51	184	3	-1.4	1.2	5	4	6	5	4	8	5	9	3
1566841	0.7	140.5	1.8	106	2	935	67	290	5	-1.3	1.4	-4	4	3	5	25	8	22	9	9
1566842	0.6	72.9	1.2	99.4	2	731	49	284	4	-2.2	1.2	-2	4	-6	4	5	7	-17	8	4
1566843	0.6	82.4	1.3	114	2	696	53	244	4	-1.4	1.3	5	4	9	5	9	8	-6	9	11
1566844	0.6	78	1.3	38.6	1.3	748	55	247	4	-0.6	1.3	3	4	-8	5	22	8	3	9	25
1566845	0.6	90	1.4	94	2	853	59	310	5	0.4	1.4	-3	4	0	5	24	8	-7	9	10
1566846	0.6	49.1	1.1	82.7	1.9	780	51	477	7	-5.4	1.4	-3	4	3	5	6	8	6	9	-11
1566847	0.6	115	1.5	156	3	714	59	272	5	-2.2	1.3	7	4	-10	5	6	8	18	8	29
1566848	0.6	93.7	1.4	123	3	681	55	230	4	-2.1	1.3	9	4	10	5	5	8	8	9	3
1566849	0.6	114.9	1.5	132	3	696	55	217	4	-0.8	1.2	-3	4	4	5	12	8	-2	8	23
1566850	0.6	91.9	1.3	128	2	811	55	268	4	-1.8	1.3	9	4	8	5	0	7	0	8	23
1566851	0.6	111	1.5	149	3	806	59	239	4	-0.8	1.3	2	4	4	5	0	8	-4	9	31
1566852	0.6	141.3	1.7	261	4	772	60	209	4	-3.4	1.3	-4	4	5	5	5	8	0	9	12
1566853	0.6	125.8	1.6	248	4	1047	66	234	4	1	1.3	1	4	1	5	13	8	16	9	26
1566854	0.6	150.5	1.7	213	4	981	63	205	4	-1.6	1.2	7	4	2	5	20	8	-10	8	24
1566855	0.6	134.3	1.6	246	4	809	60	211	4	1	1.3	2	4	-7	5	16	8	-6	8	16
1566856	0.6	138.3	1.7	263	4	989	64	233	4	-1.3	1.3	0	4	-3	5	10	8	-5	9	17
1566857	0.6	173.9	1.9	372	6	760	64	177	4	4.1	1.3	-5	4	3	5	18	8	-29	9	24
1566858	0.5	54.6	0.9	121	2	441	38	189	3	-1.9	1	0	3	6	4	-2	6	3	7	8
1566859	0.6	133.5	1.7	257	4	994	64	212	4	1.5	1.3	-7	4	1	5	1	8	-8	9	22
1566860	0.6	119.5	1.5	224	4	1105	61	236	4	-1	1.3	1	4	1	5	2	7	1	8	31
1566861	0.6	127	1.6	234	4	935	60	242	4	-2.3	1.3	-3	4	6	5	4	7	-27	8	11
1566862	0.5	102.6	1.4	176	3	894	54	309	5	-0.9	1.3	1	4	-2	4	12	7	9	8	46
1566863	0.6	182.8	2	240	4	963	67	209	4	-3.1	1.3	-4	4	-2	5	26	8	12	9	17
1566864	0.6	138	1.5	246	4	633	56	171	3	0.3	1.2	-4	4	-1	4	19	7	1	8	1
1566865	0.6	88.7	1.4	91	2	740	56	214	4	1	1.3	3	4	1	5	21	8	3	9	3
1566866	0.6	134.1	1.7	124	3	729	64	230	4	0	1.3	0	4	-1	5	14	8	0	9	14
1566867	0.6	77.9	1.2	103	2	677	51	233	4	-2.1	1.2	2	4	7	5	-8	7	-13	8	-3
1566868	0.7	166.3	1.9	107	2	864	69	365	6	-0.7	1.4	-5	4	2	5	16	8	-15	9	27
1566869	0.6	76.2	1.2	102	2	610	50	258	4	-2.1	1.2	6	4	1	5	0	8	8	8	13
1566870	0.6	101.7	1.4	104	2	875	59	281	5	-5.2	1.3	0	4	0	5	25	8	-4	9	17
1566871	0.6	94.2	1.4	105	2	961	59	285	5	-1.6	1.3	0	4	-3	5	30	8	3	9	7
1566872	0.6	83.4	1.4	91	2	766	60	258	5	-1.6	1.4	-3	4	5	5	12	9	-25	10	2
1566873	0.6	76.9	1.2	86.1	1.9	748	51	216	4	-3.5	1.2	-1	4	4	4	22	7	0	8	-4
1566874	0.6	150.9	1.8	44.7	1.5	1012	70	372	6	-4.4	1.4	-3	4	3	5	17	8	6	9	3
1566875	0.5	34.1	0.8	52.5	1.1	298	29	110.7	1.9	-3.7	0.8	2	3	2	3	-28	5	-9	6	1

Soil XRF Data

Sample_ID	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Y	Y +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	W
1566876	0.7	124.8	1.6	83.7	1.9	895	62	242	4	0.5	1.3	2	4	2	5	22	8	21	9	3
1566877	0.6	77.8	1.2	83.9	1.8	580	45	197	3	-0.3	1.1	6	4	5	4	2	7	0	7	-4
1566878	0.6	132.3	1.5	79.2	1.8	773	55	165	3	-2.1	1.1	-3	4	2	4	3	7	-3	8	-8
1566879	0.5	55.3	1	68	1.5	450	40	138	2	-2.6	1	-5	3	0	4	7	7	-4	7	-5
1566880	0.6	96.1	1.4	80.5	1.9	773	54	221	4	-1.5	1.2	0	4	8	5	5	8	18	8	13
1566881	0.6	75.1	1.3	150	3	1242	62	419	6	0.5	1.4	7	4	0	5	23	8	-4	9	7
1566882	0.6	99.8	1.4	112	2	985	58	277	4	-0.2	1.3	0	4	9	5	16	8	-8	9	9
1566883	0.5	46.6	0.9	80.3	1.7	504	41	197	3	-1.6	1.1	8	4	4	4	-7	7	-6	7	3
1566884	0.6	76.2	1.2	113	2	729	49	180	3	-2.6	1.1	3	4	-1	4	14	7	-1	8	-12
1566885	0.8	82.4	1.5	120	3	740	63	189	4	2.6	1.5	11	5	16	6	11	10	-4	11	-19
1566886	0.7	88	1.4	164	3	1028	62	285	5	0.5	1.4	-1	4	-1	5	13	8	0	9	11
1566887	0.6	107.5	1.4	102	2	630	56	198	4	-3	1.2	7	4	5	5	5	7	7	8	1
1566888	0.6	146.3	1.7	149	3	1010	64	256	4	-1.9	1.3	-8	4	2	5	13	8	29	9	-6
1566889	0.7	88.4	1.3	156	3	967	59	280	5	-1.9	1.3	-3	4	-5	5	7	8	0	9	5
1566890	0.7	115.4	1.5	256	4	931	62	282	5	-1.9	1.3	-5	4	-1	5	26	8	19	9	-7
1566891	0.6	71.8	1.2	121	2	959	55	212	4	0.2	1.2	1	4	-1	5	12	7	14	8	1
1566892	0.6	85	1.3	149	3	702	52	203	4	-0.8	1.2	-1	4	-1	5	-6	8	6	8	-8
1566893	0.5	57.5	1	109	2	736	47	214	3	-3.2	1.1	0	4	3	4	2	7	10	8	13
1566894	0.4	31.7	0.8	51.1	1.2	377	31	128	2	-2	0.9	2	3	0	4	-5	6	-1	6	0
1566894	0.4	31.8	0.7	51.5	1.2	401	31	128	2	-3.3	0.9	9	3	2	4	-9	6	0	6	-8
1566895	0.7	94	1.6	89	2	1379	75	213	4	2.1	1.5	-3	5	6	6	26	9	9	11	30
1566896	0.6	108.3	1.5	90	2	1021	64	186	4	-0.3	1.3	-6	4	2	5	12	8	0	9	5
1566897	0.5	51.8	1	73.6	1.7	618	44	187	3	-4.1	1.1	4	4	3	4	-8	7	-9	8	5
1566898	0.6	66.1	1.2	76.2	1.8	605	48	205	4	-1.7	1.2	1	4	-1	5	-6	8	-17	8	3
1566899	0.6	80.7	1.3	112	2	851	54	361	5	-3.3	1.3	-4	4	-4	5	20	8	1	9	1
1566900	0.6	60.9	1.1	100	2	895	52	265	4	-2.3	1.2	4	4	2	5	7	7	9	8	-3
1566901	0.6	67.1	1.2	117	2	902	54	279	4	-2.2	1.3	3	4	8	5	7	8	12	8	8
1566902	0.6	96.7	1.3	82.6	1.9	887	57	236	4	-1.4	1.2	-3	4	8	5	1	7	-7	8	7
1566903	0.6	70.9	1.2	105	2	1065	59	407	6	-4.3	1.4	1	4	0	5	11	8	-9	8	2
1566904	0.6	66.5	1.2	98	2	886	52	321	5	-1.4	1.3	-3	4	-1	5	12	8	16	8	1
1566905	0.6	66.2	1.2	131	3	1088	56	282	4	-2	1.3	-1	4	-1	5	10	7	0	8	3
1566906	0.7	62.6	1.2	72.7	1.8	584	50	262	4	-3.5	1.3	3	4	-8	5	7	8	5	9	-12
1556907	0.6	66.7	1.1	83.2	1.9	663	48	225	4	-2.7	1.2	-3	4	4	4	0	7	7	8	0
1566908	0.7	132.9	1.6	131	3	912	61	240	4	-0.2	1.3	-9	4	5	5	10	8	-7	9	-4
1566909	0.7	99.6	1.7	177	4	682	67	243	5	1.9	1.5	-9	5	0	6	20	9	5	11	2
1566910	0.6	115.1	1.5	246	4	513	55	172	3	-0.2	1.2	-3	4	-7	5	4	8	-10	9	18
1566911	0.6	126.3	1.7	105	2	959	66	269	5	-0.2	1.4	-3	4	0	5	21	9	19	10	15
1566912	0.6	135.3	1.7	114	2	973	65	317	5	-3.2	1.4	5	4	13	5	17	8	1	9	6
1566913	0.5	64.2	1.1	62.1	1.5	753	49	254	4	-1	1.2	0	4	12	4	4	7	-3	8	12
1566914	0.6	126	1.6	139	3	987	61	266	4	-2.1	1.3	1	4	5	5	19	8	16	9	0
1566915	0.5	52.2	1	72.8	1.7	541	44	218	4	-1.6	1.2	-6	4	6	4	4	7	4	8	10
1566916	0.6	100.6	1.4	104	2	918	59	252	4	-2.3	1.3	-3	4	-1	5	13	8	0	9	0
1566917	0.6	105.9	1.4	94	2	997	60	272	4	-2.6	1.2	6	4	4	5	0	7	10	8	5

Soil XRF Data

Sample_ID	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Y	Y +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	W
1566918	0.6	84.7	1.3	120	3	1030	61	291	5	-2.3	1.3	4	4	6	5	5	8	13	9	18
1566919	0.5	71.3	1.1	86.2	1.7	772	46	286	4	-4.2	1.1	8	3	7	4	-5	7	-6	7	-7
1566920	0.6	58.4	1.1	126	2	854	51	266	4	-3	1.2	-6	4	-3	5	3	7	3	8	4
1566921	0.6	88.5	1.3	86.7	2	1021	58	235	4	0	1.2	-4	4	-3	5	5	8	9	9	7
1566922	0.5	64.6	1.1	80.9	1.8	600	45	206	3	-2.9	1.1	-1	4	2	4	-1	7	4	8	6
1566923	0.6	58.8	1.1	83.5	1.9	740	49	213	4	-2.7	1.2	-3	4	1	5	5	7	-1	8	4
1566924	0.6	55.4	1.2	117	3	906	58	275	5	0.5	1.4	5	4	9	5	5	9	-6	10	-9
1566925	0.7	133.9	1.7	145	3	1003	67	257	5	-2.9	1.4	-3	4	3	5	4	8	9	9	15
1566926	0.6	54.7	1	165	3	539	42	120	2	-0.9	1	-3	4	3	4	-6	7	5	7	-7
1566927	0.6	88.3	1.3	151	3	975	58	225	4	-0.3	1.2	-2	4	6	5	7	8	-6	8	4
1566928	0.7	94.2	1.4	152	3	922	61	295	5	-1.9	1.4	-6	4	2	5	11	8	4	9	13
1566929	0.6	62.9	1.1	89.7	1.9	602	45	164	3	-1.3	1.1	3	4	5	4	6	7	-11	8	-13
1566930	0.8	116.4	1.5	118	2	891	61	265	4	0	1.3	-2	4	10	5	-6	8	-1	9	12
1566931	0.6	92.6	1.3	124	2	777	55	223	4	-1.1	1.2	-5	4	-1	5	-4	7	3	8	3
1566932	0.6	66.5	1.2	92	2	573	47	84	2	-1.2	1.1	6	4	1	5	6	7	-4	8	1
1566933	0.6	79.3	1.3	149	3	1016	58	336	5	-1.2	1.3	4	4	8	5	12	8	18	8	0
1566934	0.8	92.9	1.4	151	3	1162	64	399	6	-2	1.5	0	4	2	5	1	8	17	9	-12
1566935	0.8	104.6	1.5	122	3	956	62	262	4	-0.4	1.3	-1	4	-7	5	3	8	9	9	12
1566936	0.7	117.9	1.6	152	3	952	62	345	6	2.1	1.4	-2	4	4	5	4	8	7	9	-15
1566937	0.6	104.1	1.4	99	2	756	53	251	4	-1	1.2	6	4	5	5	14	7	-7	8	2
1566938	0.7	99	1.3	84.2	1.8	664	49	119	2	-1.2	1	4	4	2	4	13	7	2	7	3
1566939	0.7	122.8	1.6	137	3	986	63	327	5	-1.9	1.4	-4	4	5	5	2	8	1	9	-12
1566940	0.6	69.1	1.1	126	2	898	51	313	5	-1.1	1.2	1	4	-7	4	3	7	0	8	1
1566941	0.6	110.5	1.4	130	3	1036	60	278	4	-0.8	1.3	-7	4	-2	4	-5	7	4	8	-17
1566942	0.8	168.1	1.9	118	3	1172	72	291	5	-3.7	1.4	0	4	-2	5	13	8	13	9	22
1566943	0.7	111.1	1.5	129	3	892	59	300	5	-0.5	1.3	2	4	0	5	13	8	-3	8	14
1566944	0.7	130.7	1.6	130	3	1207	68	359	6	-2.8	1.4	6	4	6	5	26	8	0	9	15
1566945	0.6	94.4	1.3	105	2	858	53	279	4	-2.4	1.2	7	4	8	4	3	7	-4	8	9
1566946	0.7	109.2	1.5	126	3	916	61	315	5	-2.1	1.3	-2	4	6	5	-4	8	6	9	29
1566947	0.8	133.5	1.7	146	3	1115	69	442	7	-4.5	1.5	0	4	8	5	4	8	-8	9	10
1566948	0.7	98.4	1.4	116	2	926	58	273	4	-2.9	1.3	-1	4	9	5	0	7	15	8	6
1566949	0.6	106.9	1.5	138	3	723	57	212	4	-3.1	1.3	-3	4	-4	5	-5	7	-5	8	14
1566950	0.7	101.9	1.4	112	2	995	60	200	4	-1.9	1.2	3	4	-3	5	2	8	-1	8	-9
1566651	0.7	85.3	1.4	123	3	888	58	278	5	-1.1	1.3	2	4	1	5	-7	8	-10	9	5
1566652	0.6	78.5	1.2	94	2	850	52	258	4	-2.5	1.2	3	4	-5	4	1	7	7	8	11
1566653	0.7	132.3	1.6	120	2	989	64	205	4	-2	1.3	-2	4	3	5	5	8	-9	8	13
1566654	0.7	95.5	1.4	119	2	897	60	257	4	-1.1	1.3	-6	4	-3	5	3	8	-6	9	2
1566655	0.7	122.1	1.7	157	3	1080	72	284	5	0.6	1.5	-4	5	-7	6	10	9	-9	10	9
1566656	0.7	84.2	1.3	152	3	1043	62	282	5	-3.4	1.4	-5	4	-4	5	12	8	-20	9	7
1566657	0.5	67.8	1.1	83.2	1.8	680	48	200	3	-1.7	1.1	4	4	2	4	-20	7	4	8	6
1566658	0.7	125.9	1.7	140	3	1072	69	296	5	-2	1.4	-2	4	-10	5	20	9	16	9	16
1566659	0.5	78.1	1.2	58	1.4	582	44	169	3	-3.3	1	4	3	5	4	-22	6	2	7	-2
1566660	0.7	91.6	1.4	61	1.7	903	61	159	3	-0.1	1.3	1	4	4	5	3	8	6	9	4

Soil XRF Data

Sample_ID	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Y	Y +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	W
1566661	0.6	90.9	1.3	122	2	877	54	239	4	-2	1.2	-2	4	5	4	11	7	8	8	-8
1566662	0.6	84.2	1.3	123	3	878	58	270	5	-0.9	1.3	-1	4	-1	5	18	8	-8	9	9
1566663	0.6	78.4	1.3	152	3	1055	60	309	5	-1.4	1.4	-5	4	-3	5	15	8	7	9	4
1566664	0.7	138.3	1.8	135	3	1336	75	285	5	-0.4	1.4	-2	4	6	5	19	8	-3	9	13
1566665	0.6	112.3	1.5	120	2	1073	63	197	4	-2.2	1.2	-1	4	3	5	14	8	13	9	12
1566667	0.4	35.3	0.8	70.9	1.5	364	32	101.7	1.9	-2.2	0.9	2	3	-3	4	-16	6	6	6	1
1566671	0.6	126.8	1.7	57.4	1.7	1251	70	213	4	-4.7	1.3	7	4	6	5	11	8	-10	9	2
1566668	0.6	104.1	1.4	61.6	1.7	788	57	191	4	-1.9	1.2	-2	4	2	5	19	8	-1	9	2
1566669	0.8	145.2	1.9	102	2	1122	76	268	5	1.5	1.5	2	5	4	5	7	9	3	10	37
1566670	1.1	175	2	89	2	1193	91	264	5	-1.1	1.4	-5	4	49	5	51	8	-1	9	59
1566671	0.9	183	2	76	2	848	79	254	5	-1.9	1.4	-1	4	-4	5	63	9	-2	10	37
1566672	1.2	177	2	65.1	2	916	94	199	4	-2	1.4	-2	5	-4	6	55	9	6	10	60
1566673	1.3	137	2	82	2	1410	96	218	5	-0.4	1.5	1	5	15	6	38	10	3	11	101
1566674	0.6	118.2	1.6	108	2	1299	68	242	4	-1.9	1.3	2	4	7	5	20	8	28	9	6
1566675	0.7	104.4	1.5	84	2	643	60	147	3	-0.2	1.2	4	4	-2	5	27	8	9	8	8
1566676	0.9	146	1.9	60.2	1.8	848	77	226	4	0.8	1.4	1	5	5	5	49	9	-1	10	34
1566677	0.9	141.1	1.8	55.8	1.7	831	83	211	4	-2.2	1.4	0	4	-2	5	34	9	6	10	19
1566678	0.9	161	2	61	1.9	808	82	220	4	-3.7	1.4	-2	5	-4	6	57	9	24	10	10
1566679	0.7	184	2	110	3	1143	76	247	5	-1.5	1.4	1	4	-4	5	12	9	-15	9	20
1566680	0.7	140.5	1.7	105	2	1181	71	289	5	-1	1.4	-3	4	-2	5	1	8	-4	9	18
1566681	0.7	151.2	1.8	92	2	963	68	240	4	-2.5	1.3	3	4	-6	5	17	8	-2	9	16
1566682	0.7	143.9	1.8	90	2	1217	69	259	4	-1.8	1.3	-5	4	-1	5	18	8	0	9	-8
1566683	0.7	91.2	1.3	70	1.6	696	52	198	3	-2.6	1.1	3	4	0	4	0	7	9	8	-7
1566684	0.8	130.7	1.7	62.8	1.8	925	71	253	4	0.3	1.4	2	4	3	5	27	8	26	9	24
1566685	0.8	121.1	1.6	116	3	977	72	231	4	-2.2	1.3	7	4	9	5	26	8	-8	9	47
1566686	0.6	69.3	1.2	35.9	1.2	468	51	140	3	-0.9	1.2	8	4	2	5	16	8	-7	9	19
1566687	1.2	127	1.9	55.8	1.8	981	89	196	4	-1.7	1.4	-8	5	4	6	68	10	19	11	46
1566688	1.3	207	3	145	4	1478	114	258	5	3.7	1.7	-5	5	14	6	61	10	25	11	33
1566689	1.3	160	2	144	3	1657	98	251	5	-1.9	1.5	-2	5	17	5	48	9	23	10	110
1566690	0.9	221	2	131	3	1346	94	242	5	-0.1	1.5	-5	5	16	6	65	9	10	10	52
1566691	0.8	173	2	121	3	1502	84	330	6	-1.2	1.5	-2	5	11	5	24	9	6	10	26
1566692	0.7	142.7	1.7	89	2	927	66	339	5	-3.9	1.4	-2	4	5	5	7	8	-19	9	26
1566693	0.6	80.1	1.3	74.4	1.8	1145	60	264	4	0.2	1.3	-4	4	5	5	17	8	-3	9	5
1566694	0.7	111.2	1.6	83	2	1367	72	233	4	-2	1.4	-3	4	-8	5	9	9	-2	10	20
1566695	0.6	95.3	1.4	72	1.9	1101	65	214	4	-1.1	1.3	-9	4	-4	5	33	8	15	9	16
1566696	0.7	117.3	1.6	114	2	1326	70	260	5	-1.9	1.4	2	4	5	5	9	8	2	9	14
1566697	0.8	90.9	1.7	107	3	1299	77	266	5	2.3	1.6	5	5	-2	6	4	9	35	10	24
1566698	0.6	71.2	1.2	54.9	1.5	683	48	161	3	-3.5	1.1	0	4	1	4	3	7	-1	8	6
1566699	0.4	29.5	0.7	31.5	0.8	276	24	41.3	1	-2	0.7	8	3	10	3	-18	5	-2	5	8
1566701	0.5	52.7	1	102	2	539	44	220	4	-2.8	1.2	2	4	5	4	3	7	-2	8	10
1566702	0.6	71.3	1.2	112	2	636	49	278	4	-0.8	1.2	-1	4	9	4	8	7	4	8	9
1566703	0.6	100.8	1.3	84.5	1.9	594	51	199	3	1	1.2	1	4	2	4	6	7	4	8	5
1567004	0.6	87.1	1.3	85.8	2	580	51	225	4	-2	1.2	0	4	3	5	0	8	-5	8	7

Soil XRF Data

Sample_ID	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Y	Y +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	W
1567005	0.6	90.9	1.3	86.8	2	553	52	203	4	-0.3	1.2	5	4	0	5	15	8	2	9	14
1567006	0.5	61.9	1.1	90.3	1.9	641	47	236	4	-1.1	1.2	3	4	3	4	-3	7	7	8	15
1567007	0.5	57.1	1.1	72.9	1.7	602	45	114	2	0.9	1.1	6	4	9	4	-1	7	7	7	7
1567008	0.7	117.7	1.6	131	3	817	61	272	5	1.6	1.4	-6	4	12	5	-2	8	0	9	8
1567009	0.6	87.1	1.3	119	2	743	53	249	4	-1.9	1.2	2	4	-5	5	1	7	2	8	4
1567010	0.5	83.1	1.2	128	2	814	54	252	4	-0.6	1.3	7	4	-2	5	11	7	-1	8	18
1567011	0.6	81.9	1.2	140	3	734	51	247	4	-3.3	1.2	2	4	6	4	3	7	-3	8	49
1567012	0.4	32.6	0.8	64.7	1.3	321	30	78.8	1.6	-2.2	0.8	2	3	1	4	1	6	12	6	-1
1567013	0.5	84.7	1.3	170	3	1033	57	238	4	-1.6	1.2	-4	4	4	5	24	7	4	8	14
1567014	0.6	100.8	1.4	136	3	724	55	240	4	0.4	1.3	-4	4	2	5	6	8	-6	8	19
1567015	0.5	80.6	1.2	105	2	530	46	180	3	-0.1	1.1	5	4	7	4	-5	7	-3	8	0
1567016	0.5	34.8	0.8	75.5	1.4	392	30	99.8	1.8	-3.8	0.8	1	3	2	3	-12	6	-1	6	-5
1567016	0.4	19.1	0.7	42.6	1	238	24	47.1	1.2	-1.1	0.7	5	3	5	3	-15	5	16	6	11
1567017	0.6	85.5	1.3	125	2	646	51	270	4	-0.5	1.3	-2	4	-6	5	19	8	10	8	0
1567018	0.6	103.1	1.4	116	2	757	54	264	4	-1.5	1.2	6	4	3	5	20	7	-4	8	11
1567019	0.5	59	1	94.5	1.8	465	38	173	3	-2.6	1	12	3	7	4	-17	6	-9	7	10
1567019	0.5	64.7	1.1	116	2	516	43	208	3	-0.7	1.1	-4	3	9	4	2	7	7	7	2
1567020	0.5	60.2	1.1	115	2	650	48	275	4	-2.3	1.2	2	4	-6	5	1	7	-8	8	10
1567021	0.5	41.8	0.9	96.3	1.9	501	39	156	3	-1.9	1	2	3	6	4	-13	6	-17	7	11
1567022	0.5	82.9	1.2	105	2	747	48	203	3	-2.3	1.1	3	3	6	4	-2	7	6	7	9
1567023	0.5	78.7	1.2	117	2	651	49	225	4	-2.9	1.2	-2	4	3	5	-9	7	-10	8	25
1567024	0.6	86.6	1.3	117	2	959	56	285	5	-1.6	1.3	-2	4	1	5	2	8	-1	8	12
1567025	0.7	135.6	1.7	85	2	867	67	196	4	0.8	1.3	-1	4	-7	5	7	9	-8	10	5
1567026	0.5	49.1	1	116	2	516	43	239	4	0.7	1.2	0	4	4	4	4	7	-9	8	5
1567027	0.6	82.4	1.4	125	3	689	53	171	3	-1.5	1.2	-1	4	7	5	22	8	4	9	16
1567028	0.7	119.5	1.7	98	2	1137	68	224	4	-1.6	1.4	3	4	6	5	13	9	22	10	6
1567029	0.4	48.3	0.9	56.1	1.2	449	34	73.9	1.6	-1.2	0.8	7	3	4	4	-4	6	4	6	2
1567030	0.5	52.6	1	43.7	1.1	470	37	69.5	1.6	-1.5	0.9	-3	3	12	4	-7	6	5	7	-1
1567031	0.5	65.2	1.1	74.4	1.6	698	45	131	2	-2.5	1	3	3	-2	4	2	7	8	8	-7
1567032	0.6	67.4	1.2	70	1.8	864	56	219	4	-0.5	1.3	-1	4	-5	5	8	8	12	9	9
1567033	0.6	59	1.1	48.6	1.4	785	52	274	4	0.9	1.3	3	4	2	5	14	8	-4	9	14
1567034	1.1	155.2	1.9	96	2	1204	84	257	5	-1.7	1.4	-2	4	17	5	33	9	0	10	20
1567035	1.1	151	2	58.2	1.8	922	87	196	4	-2.4	1.4	2	5	3	6	51	9	0	10	35
1567036	1	151	2	71	2	1273	89	250	5	-2.1	1.5	-9	5	-2	6	65	9	14	10	51
1567037	0.8	145.1	1.8	100	2	1175	78	230	4	1.3	1.4	-6	5	-2	5	12	9	19	10	-3
1567038	1.7	174	2	89	2	673	124	236	5	-0.5	1.5	-1	5	3	6	73	10	16	11	180
1567039	1	141.8	1.7	81.5	2	782	75	221	4	-2.6	1.3	3	4	13	5	34	8	17	9	-12
1567040	1.3	99.1	1.7	54.9	1.8	658	79	187	4	2.4	1.4	-2	5	11	6	23	9	-9	10	41
1567041	1	147.1	1.9	52.2	1.7	1282	91	222	4	-1.2	1.4	2	5	14	5	61	9	7	10	0
1567042	0.7	54.7	1.2	81	2	758	54	237	4	-2.2	1.3	2	4	12	5	-2	8	11	9	29
1567043	1.4	108.6	1.7	91	2	887	77	208	4	-0.5	1.4	-2	5	6	5	66	9	57	10	80
1567044	0.9	89.6	1.4	70.9	1.9	831	65	239	4	-0.5	1.3	1	4	13	5	21	8	14	9	-1
1567045	0.5	52.1	1	34.1	1	485	38	118	2	-1.9	0.9	5	3	3	4	-7	6	1	7	-2

Soil XRF Data

Sample_ID	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Y	Y +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	W
1567046	0.7	104	1.4	83.5	1.9	644	56	156	3	-0.5	1.2	2	4	11	5	-2	7	9	8	19
1567047	0.5	61.3	1	58.5	1.3	423	37	62	1.5	-2.5	0.8	8	3	5	4	-13	6	0	6	-35
1567047	0.5	48.3	0.9	53.6	1.2	407	35	55.8	1.4	-0.8	0.8	4	3	5	4	-19	6	3	6	-19
1567048	0.9	131.4	1.7	58.2	1.6	841	73	139	3	-1.3	1.2	3	4	7	5	28	8	13	8	-11
1567049	0.9	146.4	1.7	88	2	904	69	223	4	-1.2	1.3	-1	4	6	5	15	8	5	9	12
1567050	0.6	114.6	1.4	88	1.9	735	53	132	3	-3	1.1	3	4	8	4	5	7	7	8	9
1566700	0.6	142.7	1.7	115	2	825	61	219	4	-3.2	1.2	3	4	10	5	7	8	2	9	-8
1567051	0.6	74.6	1.1	68.3	1.6	667	47	184	3	-1.1	1.1	-5	4	-4	4	3	7	4	7	14
1567052	0.8	119.7	1.5	105	2	986	58	233	4	-2.9	1.2	0	4	0	4	25	7	9	8	-31
1567052	0.7	100.1	1.4	99	2	777	55	194	3	-1.3	1.2	-1	4	-6	4	16	7	-5	8	-27
1567053	0.5	100.1	1.3	65.4	1.5	576	48	208	3	-4.3	1.1	11	3	9	4	0	6	2	7	7
1567054	0.5	40.9	0.8	44.6	1	410	30	45.3	1.1	-2.7	0.7	5	3	6	3	-7	5	7	6	-6
1567054	0.5	37.6	0.8	38.8	0.9	362	28	39.1	1	-2.1	0.7	7	3	3	3	-13	5	6	5	-9
1567055	0.5	37	0.8	63	1.3	431	32	110.8	1.9	-2.5	0.8	0	3	6	3	-5	5	-8	6	-3
1567056	0.5	67.6	1	68.4	1.4	644	41	169	3	-2.7	1	2	3	9	4	-5	6	12	7	0
1567057	0.5	69.5	1.1	85.5	1.9	686	49	203	3	-2.7	1.1	7	4	2	4	-3	7	-2	8	-7
1567058	0.6	87.9	1.3	91	2	878	56	206	4	-1.6	1.2	3	4	1	5	20	8	19	9	-6
1567059	0.5	59.4	1	119.4	2	673	40	107	2	-4	0.9	3	3	7	4	-2	6	7	7	-33
1567151	0.6	93.4	1.4	96	2	870	60	268	5	-3.4	1.3	-2	4	0	5	28	8	5	9	10
1567152	0.6	169.9	1.9	129	3	1380	75	249	4	-3.1	1.3	-4	4	2	5	0	8	9	9	9
1567153	0.7	166.9	2	151	3	897	68	193	4	-2.4	1.3	5	4	6	5	19	8	22	9	7
1567154	0.5	71.3	1.1	90.6	1.9	692	48	254	4	-1.5	1.2	6	4	4	4	2	7	3	7	-8
1567155	0.6	101.6	1.4	120	2	1026	61	306	5	-1.6	1.3	5	4	1	5	3	8	-3	9	14
1567156	0.6	101.9	1.4	109	2	994	62	236	4	-1.1	1.3	-4	4	2	5	1	8	-7	9	15
1567157	0.6	106.9	1.4	112	2	1016	61	268	4	-1.9	1.3	5	4	6	5	-5	8	2	9	3
1567158	0.6	93	1.4	118	2	1033	61	266	4	-1.4	1.3	3	4	1	5	8	8	0	9	-7
1567159	0.6	149.9	1.8	186	4	1341	76	355	6	2.5	1.6	-5	4	4	5	14	9	-15	10	20
1567160	0.6	124.1	1.6	124	2	1125	63	288	5	-2.7	1.3	3	4	6	5	6	8	30	9	4
1567160	0.7	124.2	1.6	124	3	1216	69	303	5	0.7	1.4	2	4	8	5	17	8	26	9	1
1567161	0.6	64.5	1.2	103	2	707	51	254	4	-2.6	1.2	-5	4	4	5	1	7	0	8	0
1567162	0.5	56	1	79	1.7	456	41	184	3	-2	1.1	3	4	0	4	-4	7	-9	7	4
1567163	0.5	80.6	1.2	96	2	681	50	237	4	-1.5	1.2	-1	4	-3	4	-1	7	-13	8	15
1567164	0.6	57.4	1.1	114	2	708	48	248	4	0.9	1.2	-7	4	-4	5	3	7	3	8	4
1567165	0.6	85.6	1.3	147	3	716	53	249	4	-1.3	1.3	2	4	4	5	5	8	-12	8	2
1567166	0.5	66.2	1.1	139	3	724	51	292	5	-1.2	1.3	2	4	0	5	5	7	8	8	24
1567167	0.5	67.4	1.1	82.1	1.8	470	43	143	3	0.1	1.1	4	4	-4	4	-9	7	-5	7	1
1567168	0.6	85	1.3	129	3	598	54	263	4	-0.7	1.3	-5	4	2	5	3	8	-1	9	8
1567169	0.6	138.8	1.7	121	2	856	60	230	4	-2.1	1.2	2	4	0	5	7	7	2	8	25
1567170	0.5	107	1.4	115	2	735	55	224	4	-1.1	1.2	-1	4	5	5	2	7	0	8	10
1567171	0.6	105.8	1.5	160	3	928	60	273	5	-1.2	1.3	3	4	5	5	10	8	-6	9	16
1567172	0.5	96	1.3	114	2	674	51	191	3	-0.3	1.2	-4	4	4	4	-3	7	2	8	4
1567173	0.6	136.9	1.7	158	3	774	60	256	4	-2.5	1.3	-9	4	0	5	14	8	-1	9	7
1567174	0.5	70.4	1.2	117	2	607	51	256	4	0.7	1.3	2	4	-7	5	8	8	5	9	7

Soil XRF Data

Sample_ID	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Y	Y +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	W
1567175	0.6	85.8	1.3	126	3	675	54	224	4	0.2	1.2	5	4	12	5	-3	8	0	9	11
1567176	0.5	78.3	1.2	132	3	712	53	248	4	-0.4	1.3	-4	4	0	5	10	8	9	9	-1
1567177	0.5	44.3	0.9	85.1	1.7	465	38	170	3	-0.9	1	-1	3	-1	4	-5	7	3	7	5
1567178	0.5	63.2	1.1	124	2	556	47	244	4	-0.2	1.2	-5	4	-5	5	-5	7	-3	8	16
1567179	0.6	66.2	1.1	118	2	702	48	229	4	-3.3	1.2	1	4	7	4	0	7	9	8	12
1567180	0.5	78.7	1.2	124	2	689	52	260	4	-2	1.3	3	4	9	5	10	7	-8	8	15
1567181	0.6	64.6	1.1	74.4	1.8	688	50	284	5	-1	1.3	0	4	-9	5	17	8	8	9	34
1567182	0.6	81.7	1.3	96	2	823	56	252	4	-2.5	1.3	-3	4	-7	5	-4	8	-5	9	39
1567183	0.4	40.1	0.8	49.7	1.2	410	32	57.8	1.4	-1.6	0.8	7	3	11	4	-5	6	10	6	13
1567184	0.6	94.3	1.4	121	2	1025	60	334	5	0.1	1.4	-1	4	-6	5	16	8	24	9	12
1567185	0.5	73.8	1.2	119	2	621	48	226	4	-0.8	1.2	7	4	2	4	9	7	-6	8	16
1567186	0.4	31	0.7	70.5	1.4	302	29	88.1	1.7	-0.1	0.8	6	3	5	3	-20	5	9	6	15
1567187	0.5	64.1	1.2	131	3	819	54	286	5	-1.7	1.3	-4	4	6	5	8	8	6	9	7
1567188	0.6	99.3	1.4	127	2	796	54	209	4	-3.1	1.2	-1	4	12	5	8	7	-5	8	5
1567189	0.5	77	1.2	99.5	2	577	46	201	3	-2.5	1.1	-1	4	-2	4	-4	7	-3	8	9
1567190	0.5	72	1.2	122	2	652	48	231	4	-0.5	1.2	1	4	0	4	6	7	-14	8	2
1567191	0.5	71.9	1.2	128	2	553	47	186	3	-0.6	1.2	11	4	-2	5	4	7	-5	8	14
1567192	0.5	63.3	1.1	95	2	378	45	159	3	-1.9	1.2	-11	4	-6	5	2	8	4	9	19
1567193	0.6	100.4	1.4	157	3	620	56	221	4	-0.8	1.3	1	4	-12	5	17	8	5	8	9
1567194	0.6	110.8	1.5	126	3	824	59	214	4	-0.2	1.3	7	4	7	5	-1	8	-7	9	-2
1567195	0.5	82.7	1.2	133	3	764	52	242	4	-1.3	1.2	0	4	-4	5	-5	7	-14	8	8
1567196	0.5	56	1	86.9	1.7	508	39	124	2	0.8	1	4	3	5	4	-8	6	1	7	2
1567197	0.6	100.5	1.4	130	3	754	55	229	4	-2.6	1.2	-5	4	0	5	1	7	-3	8	9
1567198	0.6	80.7	1.3	127	3	685	52	244	4	-0.8	1.3	-3	4	0	5	2	8	2	9	7
1567199	0.6	136.5	1.7	192	3	1139	68	378	6	-2.9	1.4	4	4	2	5	7	8	-15	9	3
1567200	0.4	52.8	0.9	86.4	1.7	414	36	106	2	-0.3	0.9	0	3	2	4	-17	6	2	7	-4
1566701	0.6	98.2	1.4	107	2	802	56	256	4	-3	1.2	-4	4	-4	5	-5	7	8	8	10
1566702	0.6	83.8	1.3	122	3	879	59	353	6	-0.9	1.4	2	4	1	5	12	8	-8	9	6
1566703	0.6	127.4	1.7	99	2	1012	65	404	6	-3.1	1.5	-3	4	6	5	6	8	2	9	8
1566704	0.6	89.8	1.3	99	2	848	56	275	4	0.4	1.3	-3	4	-1	5	7	8	-5	9	16
1566705	0.6	72.8	1.2	69.4	1.7	519	49	237	4	-1.1	1.2	-5	4	-1	5	13	8	13	8	2
1566706	0.6	101.7	1.5	88	2	826	62	302	5	-0.8	1.4	-7	4	8	5	10	8	4	9	6
1566707	0.6	68.3	1.2	104	2	891	56	253	4	-1.8	1.3	0	4	11	5	9	8	-5	9	6
1566708	0.6	71.6	1.2	79.1	1.9	756	53	244	4	-0.2	1.3	2	4	3	5	-4	8	-15	9	-1
1566709	0.6	85.9	1.3	84	2	882	60	288	5	-0.2	1.4	0	4	6	5	13	8	-9	9	3
1566710	0.6	83.3	1.3	98	2	756	52	220	4	-3.2	1.2	1	4	-9	5	10	7	3	8	2
1566711	0.6	116.7	1.5	90	2	884	61	231	4	-1.2	1.3	-5	4	-6	5	4	8	9	9	4
1566712	0.6	84.8	1.3	73.7	1.7	548	48	174	3	-0.9	1.1	2	4	4	4	3	7	-7	8	9
1566713	0.6	73.4	1.2	104	2	769	53	286	5	0.2	1.3	1	4	2	5	9	7	10	8	5
1566714	0.6	127.7	1.6	126	3	984	64	294	5	-2.2	1.4	0	4	3	5	7	8	-10	9	18
1566715	0.5	71.8	1.2	84.4	1.8	604	47	185	3	-2	1.1	12	4	8	4	-6	7	-2	8	12
1566715	0.5	55.5	1	77.1	1.7	505	42	178	3	-3.3	1	4	3	-3	4	-13	6	12	7	8
1566716	0.5	83.4	1.2	80.8	1.8	882	52	210	3	-0.4	1.2	3	4	9	4	-19	7	2	8	-3

Soil XRF Data

Sample_ID	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Y	Y +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	W
1566717	0.5	63.2	1.1	78.2	1.7	693	46	256	4	-2.1	1.2	0	4	4	4	-9	7	15	8	4
1566718	0.6	52.3	1	89.9	2	620	45	214	4	-1.5	1.2	2	4	4	5	-6	7	-9	8	-4
1566719	0.6	95.4	1.4	127	3	1010	61	381	6	-2.8	1.4	-3	4	2	5	0	8	-2	9	3
1566720	0.6	105.7	1.5	87	2	720	58	225	4	-2.9	1.3	2	4	-7	5	21	8	2	9	26
1566721	0.5	89.2	1.3	70	1.8	536	51	143	3	-2.1	1.2	8	4	-1	5	1	8	3	8	0
1566722	0.6	120.8	1.6	96	2	959	62	305	5	-1.3	1.3	-9	4	-13	5	9	8	4	9	5
1566723	0.5	58.4	1	71	1.7	335	40	119	2	-1.9	1	4	4	4	4	-20	7	-2	7	0
1566724	0.6	118.2	1.5	111	2	744	60	257	4	-3	1.3	3	4	8	5	10	8	7	8	14
1566725	0.6	144.3	1.8	134	3	1078	69	259	5	-2.9	1.3	1	4	7	5	18	8	7	9	6
1566726	0.4	35.8	0.9	38.6	1.2	310	35	32.6	1.3	1.4	0.9	7	3	5	4	-27	6	-8	7	7
1566727	0.6	134.5	1.7	96	2	888	66	286	5	-2.8	1.4	-6	4	-2	5	12	8	2	9	6
1566728	0.6	117.6	1.5	109	2	629	57	218	4	-1.3	1.2	3	4	5	5	11	7	1	8	1
1566729	0.5	93.1	1.3	71.4	1.6	480	46	130	2	-3.9	1	6	4	7	4	-18	7	-6	8	-4
1566730	0.5	72.7	1.1	67.1	1.6	657	51	369	5	-2	1.3	4	4	9	4	25	7	-3	8	5
1566731	0.6	114.7	1.5	88.4	1.9	612	55	222	4	-4.7	1.2	6	4	7	5	0	7	13	8	27
1566732	0.6	99.7	1.4	92	2	665	57	224	4	-0.9	1.3	9	4	7	5	21	8	-2	9	7
1566733	0.6	112.8	1.5	103	2	841	62	345	5	-2.5	1.4	1	4	8	5	10	8	19	9	11
1566734	0.7	105.4	1.5	115	2	1153	74	383	6	-1.5	1.5	-2	4	-2	5	4	8	-2	9	3
1566735	0.6	102.4	1.5	121	3	1210	66	338	5	-0.9	1.4	-1	4	2	5	19	8	1	9	-5
1566736	0.6	81.9	1.3	85	2	498	50	201	4	-1.6	1.2	1	4	-5	5	14	8	1	9	16
1566737	0.6	112.7	1.5	105	2	835	59	245	4	-0.8	1.3	2	4	0	5	10	8	10	8	2
1566738	0.6	89.7	1.4	109	2	859	62	317	5	1.6	1.5	-5	4	-3	5	6	8	-10	9	3
1566739	0.6	98.5	1.5	80	2	749	59	258	5	-1.7	1.3	-8	4	-4	5	1	8	2	9	10
1566740	0.6	63.8	1.2	102	2	780	53	299	5	-3.9	1.3	-2	4	4	5	-1	8	-5	8	0
1566741	0.6	87	1.3	145	3	881	57	260	4	-3.2	1.3	4	4	5	5	4	8	6	9	16
1566742	0.6	138.3	1.6	115	2	935	62	302	5	-2.7	1.3	0	4	-3	5	-8	8	-6	9	18
1566743	0.6	62.5	1.2	122	2	752	53	270	4	0.1	1.3	-4	4	-3	5	6	8	-5	9	11
1566744	0.6	113.8	1.6	128	3	1135	67	320	5	-0.2	1.4	1	4	3	5	18	8	15	9	9
1566745	0.6	67.8	1.2	101	2	882	55	263	4	-0.1	1.3	-3	4	-6	5	7	8	-5	9	8
1566746	0.6	159.6	1.8	198	4	864	68	237	4	0.9	1.4	-10	4	-2	5	19	8	2	9	7
1566747	0.6	85.2	1.3	131	3	894	59	288	5	0	1.3	1	4	2	5	12	8	-3	9	4
1566748	0.6	85.2	1.3	101	2	640	52	245	4	-0.6	1.3	-8	4	-2	5	-3	8	2	9	6
1566749	0.6	87.2	1.3	111	2	866	59	298	5	-0.5	1.3	5	4	5	5	18	8	5	9	-1
1566750	0.6	101.9	1.5	117	3	1087	65	318	5	-1.8	1.4	2	4	0	5	4	8	-18	9	1
1566559	0.6	115.5	1.5	105	2	975	63	309	5	-0.1	1.4	-2	4	-2	5	11	8	25	9	16
1566560	0.6	119	1.6	111	2	1190	68	267	5	1	1.4	2	4	6	5	-1	8	0	9	15
1566561	0.6	111.2	1.5	108	2	1368	70	341	6	-2.6	1.4	-2	4	0	5	12	8	-11	9	6
1566562	0.6	91	1.3	108	2	1073	60	250	4	-2	1.3	-6	4	-3	5	10	8	11	9	-6
1566563	0.6	107.1	1.5	120	2	1218	64	312	5	-0.4	1.4	-2	4	2	5	14	8	19	9	8
1566564	0.6	92.8	1.4	136	3	1191	62	299	5	-0.5	1.3	-2	4	0	5	3	8	4	9	-17
1566565	0.6	91	1.4	134	3	1148	65	358	6	0.5	1.5	-4	4	6	5	14	8	-8	9	11
1566566	0.6	87.5	1.3	112	2	909	59	255	4	-1.1	1.3	2	4	2	5	4	8	2	9	9
1566567	0.6	101.4	1.5	82	2	787	60	225	4	0	1.3	-6	4	0	5	11	8	-15	9	11

Soil XRF Data

Sample_ID	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Y	Y +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	W
1566568	0.6	91.5	1.4	123	3	1141	64	304	5	0.3	1.4	3	4	-5	5	22	8	-10	9	9
1566569	0.6	96.1	1.4	101	2	1060	61	316	5	-0.8	1.3	6	4	3	5	14	8	4	9	16
1566570	0.6	113.9	1.6	100	2	1244	69	283	5	-1.1	1.4	-2	4	8	5	3	8	4	9	15
1566571	0.6	72.5	1.2	94	2	838	54	276	4	-2.1	1.3	-6	4	-4	5	2	8	-1	9	7
1566572	0.6	84.4	1.3	126	3	998	59	285	5	-1.9	1.3	0	4	4	5	10	8	0	9	11
1566573	0.6	98.9	1.4	101	2	1083	63	249	4	0.7	1.3	1	4	2	5	-3	8	-7	9	-2
1566574	0.7	155.5	1.9	108	3	1425	80	365	6	-0.8	1.6	6	5	0	5	-3	9	-4	10	19
1566575	0.6	112	1.5	72.8	1.8	994	61	276	4	-1.9	1.3	-4	4	5	5	4	8	-9	9	2
1566576	0.6	124.6	1.5	98	2	1024	61	240	4	-0.6	1.3	1	4	7	5	-8	7	8	8	6
1566578	0.6	71.5	1.2	108	2	824	56	247	4	0.6	1.3	3	4	2	5	15	8	9	9	-1
1566579	0.8	95.5	1.4	85.2	2	975	61	302	5	-2.1	1.3	0	4	1	5	13	8	-3	9	-26
1566580	0.7	132.4	1.7	103	2	1128	71	243	4	-3.9	1.4	6	4	5	5	13	9	-4	10	-6
1566583	0.6	139	1.7	114	2	980	66	270	5	-0.5	1.4	-2	4	1	5	32	8	17	9	14
1566584	0.6	136.8	1.7	133	3	1152	68	264	5	0	1.4	-5	4	0	5	0	8	-5	9	13
1566585	0.6	133.4	1.7	101	2	1087	68	378	6	-0.4	1.5	-4	4	3	5	16	8	11	9	6
1566586	0.7	144	1.8	125	3	1145	71	461	7	0.7	1.6	1	4	1	5	4	8	-5	9	4
1566586	0.7	142.2	1.8	126	3	1186	72	491	7	-0.4	1.6	-9	4	2	5	8	8	7	9	0
1566587	0.6	121	1.6	118	2	1187	66	363	6	-2.9	1.4	2	4	-8	5	14	8	27	9	10
1566589	0.6	85.9	1.3	111	2	978	59	347	5	-2.8	1.4	-1	4	-1	5	-5	8	-3	9	4
1566590	0.6	79.3	1.3	108	2	1182	61	306	5	-2.2	1.3	-2	4	-4	5	1	8	-4	9	1
1566591	0.6	109.4	1.5	123	3	1149	66	294	5	-1.3	1.4	2	4	-1	5	3	8	-4	9	4
1567203	0.6	93.4	1.4	123	3	955	61	256	4	-1.8	1.4	1	4	5	5	20	8	15	9	9
1567204	0.6	100.6	1.4	106	2	989	59	207	4	-1.8	1.2	-1	4	3	5	14	8	18	9	5
1567205	0.6	128.4	1.7	125	3	1154	68	262	5	-2.2	1.3	-4	4	3	5	17	8	20	9	9
1567206	0.6	95.8	1.4	124	2	939	58	233	4	-2.8	1.2	3	4	3	5	0	8	7	8	7
1567207	0.6	114.1	1.5	120	3	1044	63	234	4	0.7	1.3	-1	4	8	5	13	8	-4	9	3
1567208	0.6	103.1	1.5	136	3	999	63	254	4	0.3	1.3	-4	4	0	5	28	8	3	9	-1
1567209	0.6	97.4	1.4	121	3	1068	62	257	4	-1.2	1.3	0	4	4	5	2	8	-8	9	11
1567210	0.6	95.6	1.4	120	2	977	59	243	4	-1.9	1.2	-3	4	3	5	18	8	7	8	1
1567211	0.6	94.6	1.4	109	2	888	58	204	4	0.7	1.2	0	4	2	5	3	8	-2	9	3
1567212	0.6	135.8	1.6	50.7	1.5	1095	66	202	4	0.5	1.3	-3	4	1	5	-4	8	10	9	-4
1567213	0.5	42.7	1	114	2	782	46	261	4	-2.5	1.2	0	4	-3	4	-4	7	-6	8	10
1567214	0.5	35.3	0.9	111	2	654	43	202	3	-1.8	1.1	4	4	-1	4	-2	7	-6	8	-1
1567215	0.5	49.1	1	84.8	1.9	691	47	258	4	-1.8	1.2	-5	4	-4	4	-2	7	7	8	4
1567216	0.6	60.6	1.2	119	3	849	60	303	5	-1.3	1.5	-3	5	2	5	10	9	-2	10	-4
1567217	0.5	47.4	1	86.3	1.9	578	44	207	4	-2.7	1.2	3	4	2	4	-11	7	-1	8	2
1567219	0.5	95.5	1.3	89.2	2	1187	61	279	4	-0.1	1.3	2	4	7	5	23	8	0	9	4
1567220	0.6	56	1.1	113	2	780	49	255	4	-1.6	1.2	-5	4	-5	5	4	7	9	8	10
1567221	0.7	148.1	1.9	111	3	918	72	206	4	0	1.4	-2	5	-8	5	24	9	46	10	-3
1567222	0.6	40.7	1	138	3	908	53	286	5	1.6	1.4	0	4	-3	5	19	8	25	9	4
1567223	0.5	59.9	1.1	76.4	1.7	749	47	264	4	-2.2	1.2	4	4	-1	4	-4	7	2	8	15
1567224	0.5	48.3	1	48.2	1.4	499	44	160	3	1.5	1.2	5	4	5	5	0	8	2	9	1
1567225	0.5	51	1	112	2	700	45	236	4	-2	1.1	5	4	4	4	11	7	6	8	3

Soil XRF Data

Sample_ID	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Y	Y +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	W
1567226	0.6	74.8	1.2	69.5	1.7	821	53	224	4	-1.9	1.2	-5	4	8	5	7	7	10	8	1
1567227	0.7	121.1	1.7	60.6	1.9	1059	72	216	4	-2.4	1.4	0	5	-10	6	21	9	0	10	14
1567228	0.5	33.6	0.8	71.9	1.6	556	39	193	3	-0.8	1.1	5	4	-2	4	-6	7	12	8	6
1567229	0.6	75.5	1.2	102	2	1077	59	279	5	1.7	1.3	2	4	-9	5	22	8	17	9	-3
1567230	0.6	79.9	1.4	111	3	955	63	238	5	0.6	1.4	2	5	2	5	25	9	1	10	15
1567231	0.6	79	1.3	98	2	824	58	238	4	-0.9	1.3	6	4	10	5	19	8	6	9	-7
1567232	0.5	41.9	0.9	119	2	709	44	221	4	-0.7	1.1	1	4	5	4	12	7	0	8	9
1567060	0.5	74.7	1.2	110	2	782	51	246	4	-2.6	1.2	2	4	2	4	-2	7	-1	8	5
1567061	0.5	68.6	1.2	214	4	632	48	203	4	-1	1.2	5	4	-1	5	-12	7	-9	8	-1
1567062	0.5	67.7	1.1	180	3	731	50	235	4	-2.8	1.2	6	4	9	4	1	7	-4	8	8
1567063	0.5	69.7	1.1	128	2	721	50	240	4	-2.2	1.2	-4	4	5	5	13	7	4	8	12
1567064	0.7	108.7	1.8	119	3	960	78	256	6	3.3	1.7	1	5	15	6	12	11	2	12	0
1567065	0.6	79.5	1.2	121	2	931	54	282	4	-2.8	1.2	-3	4	1	4	6	7	4	8	5
1567066	0.6	55.3	1.1	116	2	758	52	261	4	-1.3	1.3	-4	4	1	5	-9	8	-4	9	8
1567067	0.5	97	1.3	87.5	2	812	55	258	4	-2.3	1.2	0	4	-1	5	12	7	5	8	0
1567068	0.6	127.9	1.6	206	4	1277	68	339	5	-2.1	1.4	3	4	0	5	13	8	-8	9	-3
1567069	0.6	123.8	1.6	138	3	920	63	264	5	-1.6	1.3	0	4	15	5	7	8	0	9	-8
1567070	0.5	60.9	1.1	93	2	747	50	240	4	-2	1.2	-2	4	18	4	5	7	5	8	3
1567071	0.6	82.8	1.3	119	2	992	58	254	4	-1.9	1.3	3	4	5	5	13	8	-17	9	-7
1567072	0.5	77.4	1.1	95	1.8	831	47	253	4	-1.6	1.1	2	3	5	4	4	7	1	7	-7
1567073	0.6	61	1.2	73.3	1.9	588	50	193	4	1	1.3	5	4	8	5	5	8	-13	9	-3
1567074	0.6	77.6	1.4	120	3	943	60	231	4	1	1.4	7	4	2	5	8	9	1	10	-1
1567075	0.5	86.9	1.2	102.7	2	900	51	267	4	-3.7	1.1	-4	4	1	4	-1	7	2	8	5
1567076	0.6	112.8	1.5	116	2	1042	60	262	4	-0.7	1.3	-7	4	0	5	0	8	8	8	-1
1567077	0.5	69.7	1.2	79.8	1.9	595	50	219	4	1.6	1.3	-1	4	7	5	7	8	-14	9	4
1567078	0.6	110.5	1.4	73.3	1.7	691	53	193	3	-3.2	1.1	-4	4	4	4	1	7	-4	8	10
1567079	0.7	55	1.4	91	3	806	63	214	5	1.4	1.5	4	5	5	6	10	10	0	11	7
1567080	0.6	66.1	1.2	118	2	979	57	306	5	-1.9	1.3	0	4	8	5	-1	8	-11	9	-1
1567081	0.5	35.8	0.9	70.7	1.7	535	44	220	4	-2.4	1.2	-2	4	5	5	6	8	-1	8	8
1567082	0.5	26.7	0.8	41.5	1.2	340	36	99	2	-2.3	1	-1	4	0	4	13	7	-5	8	9
1567083	0.6	121.6	1.6	106	2	974	62	300	5	-2.1	1.3	3	4	3	5	17	8	-1	9	11
1567084	0.6	85.8	1.4	100	2	1047	63	231	4	-3.1	1.3	4	4	0	5	8	8	-5	9	-1

Soil XRF Data

Sample_ID	W +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-	Pass/Fail	LOD Sigma	User Factor Name	Method Name	Unit	Instrument SN
1566751	9	5	3	2	2	16.8	1.6	-76	19	394	50	47	39	PASS	3	actory-Default		PPM	511325
1566752	10	0	3	4	2	17.7	1.7	-65	20	286	46	69	37	PASS	3	actory-Default		PPM	511325
1566753	8	-3	3	-3.2	1.8	7.4	1.3	13	17	299	38	16	26	PASS	3	actory-Default		PPM	511325
1566754	9	-1	3	-1.1	1.9	10.7	1.5	23	19	334	43	13	29	PASS	3	actory-Default		PPM	511325
1566755	12	-1	4	-1	2	9.1	1.6	-4	20	391	47	28	35	PASS	3	actory-Default		PPM	511325
1566756	11	3	4	1	2	8.9	1.6	-68	20	204	42	-27	28	PASS	3	actory-Default		PPM	511325
1566757	12	6	4	1	2	6.2	1.4	16	19	280	40	-7	28	PASS	3	actory-Default		PPM	511325
1566758	13	2	4	4	3	12	1.6	9	19	384	45	31	31	PASS	3	actory-Default		PPM	511325
1566759	15	11	5	8	3	11.2	1.7	-31	20	462	48	77	35	PASS	3	actory-Default		PPM	511325
1566760	13	7	4	4	3	11	1.6	-47	20	359	48	65	35	PASS	3	actory-Default		PPM	511325
1566761	11	3	4	2	2	31	1.8	23	18	328	41	1	30	PASS	3	actory-Default		PPM	511325
1566762	10	1	3	5	2	8	1.5	18	20	278	41	67	31	PASS	3	actory-Default		PPM	511325
1566763	11	13	4	6	2	21	1.7	9	20	416	47	9	34	PASS	3	actory-Default		PPM	511325
1566764	9	1	2	5	2	11.6	1.6	-21	20	435	46	72	35	PASS	3	actory-Default		PPM	511325
1566765	8	0	2	-0.6	1.8	6.3	1.4	-32	19	304	42	3	28	PASS	3	actory-Default		PPM	511325
1566765	8	-2	2	0.8	1.9	4.7	1.4	-7	19	259	42	23	28	PASS	3	actory-Default		PPM	511325
1566766	8	3	2	0	1.9	10.3	1.4	34	18	233	42	47	29	PASS	3	actory-Default		PPM	511325
1566767	8	-2	2	0	1.9	10.1	1.4	-18	19	265	43	46	30	PASS	3	actory-Default		PPM	511325
1566768	7	-7	2	1.1	1.9	8.5	1.4	-39	19	253	42	57	31	PASS	3	actory-Default		PPM	511325
1566769	10	-4	3	0	2	5.3	1.4	-9	19	369	45	68	31	PASS	3	actory-Default		PPM	511325
1566770	8	0	2	2.1	1.8	8.1	1.3	7	18	253	39	39	28	PASS	3	actory-Default		PPM	511325
1566771	8	1	3	1.3	1.9	9.9	1.4	-32	18	272	42	47	30	PASS	3	actory-Default		PPM	511325
1566772	9	-1	3	5	2	11.7	1.6	-61	21	417	48	26	33	PASS	3	actory-Default		PPM	511325
1566773	7	-4.7	1.9	1.4	1.7	11.8	1.4	-60	18	169	39	1	27	PASS	3	actory-Default		PPM	511325
1566774	7	-1.1	1.9	3	1.7	13.9	1.4	-7	18	328	39	34	26	PASS	3	actory-Default		PPM	511325
1566775	6	-2.5	1.8	1.3	1.6	12.3	1.4	-22	17	306	38	43	26	PASS	3	actory-Default		PPM	511325
1566776	8	-4	2	-0.5	1.9	10.9	1.5	-6	19	301	43	75	31	PASS	3	actory-Default		PPM	511325
1566777	7	-4.1	1.8	-1	1.7	8.4	1.3	12	18	262	39	8	24	PASS	3	actory-Default		PPM	511325
1566778	7	0	2	1.9	1.8	11.4	1.4	27	18	326	41	-37	27	PASS	3	actory-Default		PPM	511325
1566779	7	-2	2	-0.6	1.7	12.7	1.4	-48	18	192	37	55	27	PASS	3	actory-Default		PPM	511325
1566780	7	-1	2	3	1.8	12	1.4	-18	18	223	37	28	26	PASS	3	actory-Default		PPM	511325
1566781	8	-1	2	3.7	1.9	14	1.5	1	19	428	46	20	32	PASS	3	actory-Default		PPM	511325
1566782	8	1	2	0.8	1.8	14.3	1.5	-34	18	328	39	-9	26	PASS	3	actory-Default		PPM	511325
1566783	7	3	2	3.8	1.7	11.9	1.3	22	17	249	36	39	26	PASS	3	actory-Default		PPM	511325
1566784	7	-4	2	-0.3	1.7	14.5	1.4	-47	18	284	40	12	27	PASS	3	actory-Default		PPM	511325
1566785	7	-4	2	2.5	1.9	9.9	1.5	-54	19	253	40	26	29	PASS	3	actory-Default		PPM	511325
1566786	6	-5.9	1.8	-1.5	1.4	10.9	1.2	-24	15	94	29	7	21	PASS	3	actory-Default		PPM	511325
1566787	4	-8	1.2	-4	1.1	4.2	1	-67	14	3	21	-24	13	PASS	3	actory-Default		PPM	511325
1566788	6	-5	1.9	0.7	1.6	14.6	1.4	23	17	247	38	46	27	PASS	3	actory-Default		PPM	511325
1566789	10	3	3	0	2	29	1.7	56	18	363	41	56	29	PASS	3	actory-Default		PPM	511325
1566790	8	-4	2	-0.4	1.9	30.4	1.8	-17	19	390	45	9	31	PASS	3	actory-Default		PPM	511325
1566791	7	1	2	1.5	1.8	24.6	1.6	-16	18	322	41	53	30	PASS	3	actory-Default		PPM	511325
1566792	7	-2.4	1.9	-0.1	1.6	17	1.5	-30	18	220	39	5	26	PASS	3	actory-Default		PPM	511325

Soil XRF Data

Sample_ID	W +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-	Pass/Fail	LOD Sigma	User Factor Name	Method Name	Unit	Instrument SN
1566793	5	-2.6	1.5	-2.1	1.2	6.1	1	-18	14	45	24	-28	15	PASS	3	actory-Default		PPM	511325
1566794	7	-3	2	0.1	1.9	18.1	1.7	-22	20	225	42	58	31	PASS	3	actory-Default		PPM	511325
1566795	7	0	2	5	1.9	23.5	1.7	-64	19	323	43	-1	29	PASS	3	actory-Default		PPM	511325
1566796	7	-1.6	1.9	2.7	1.7	13.7	1.5	3	18	272	41	48	29	PASS	3	actory-Default		PPM	511325
1566797	6	-1.5	1.8	0.6	1.6	29.5	1.6	-9	18	194	38	31	27	PASS	3	actory-Default		PPM	511325
1566798	7	0	2	5.1	1.9	16	1.6	-41	20	155	42	39	32	PASS	3	actory-Default		PPM	511325
1566799	6	-5.3	1.6	-1.6	1.6	11.9	1.3	18	17	235	40	17	29	PASS	3	actory-Default		PPM	511325
1566800	7	-1	2	1.4	1.8	19.2	1.6	10	18	349	43	73	32	PASS	3	actory-Default		PPM	511325
1566801	6	-1.9	1.7	-0.8	1.4	15.9	1.2	-15	15	92	28	14	19	PASS	3	actory-Default		PPM	511325
1566802	7	-0.9	1.9	1	1.8	9.6	1.4	-9	19	192	43	28	31	PASS	3	actory-Default		PPM	511325
1566803	6	-0.7	1.8	-1.4	1.6	11.9	1.3	-4	17	129	37	-8	26	PASS	3	actory-Default		PPM	511325
1566804	7	-1.7	1.9	-0.1	1.7	14.8	1.5	-71	19	197	41	-16	27	PASS	3	actory-Default		PPM	511325
1566805	6	-3.5	1.6	1.3	1.5	17.9	1.3	-7	16	59	29	5	20	PASS	3	actory-Default		PPM	511325
1566806	6	-2.1	1.8	2.8	1.6	14.7	1.4	-21	17	190	37	12	25	PASS	3	actory-Default		PPM	511325
1566807	6	-4	1.6	0.4	1.5	14.6	1.3	75	16	199	34	-2	23	PASS	3	actory-Default		PPM	511325
1566808	6	-2.2	1.6	-0.9	1.5	13.2	1.3	36	16	114	34	64	25	PASS	3	actory-Default		PPM	511325
1566809	6	-4	1.7	1.3	1.6	13.1	1.3	40	17	202	38	-16	26	PASS	3	actory-Default		PPM	511325
1566810	6	-3	1.7	-2.5	1.6	14.1	1.4	-14	17	177	38	-25	27	PASS	3	actory-Default		PPM	511325
1566811	7	-2.8	1.8	1	1.7	13.7	1.4	-22	18	222	38	24	27	PASS	3	actory-Default		PPM	511325
1566812	6	-0.8	1.8	-0.7	1.5	18.2	1.4	57	16	147	35	34	26	PASS	3	actory-Default		PPM	511325
1566813	6	-4.7	1.7	0.6	1.6	11	1.4	-14	18	275	39	28	26	PASS	3	actory-Default		PPM	511325
1566814	7	-0.6	1.8	3.3	1.7	10.3	1.4	66	17	259	37	27	26	PASS	3	actory-Default		PPM	511325
1566814	7	-2	1.9	-0.3	1.7	11.3	1.5	-15	19	358	43	46	30	PASS	3	actory-Default		PPM	511325
1566815	8	3	2	-0.2	1.8	15.3	1.5	-19	18	258	41	43	31	PASS	3	actory-Default		PPM	511325
1566816	7	-1	2	1.6	1.8	26	1.7	-71	19	309	42	41	30	PASS	3	actory-Default		PPM	511325
1566817	8	-3	2	0.8	1.9	24.4	1.8	-59	20	369	44	50	32	PASS	3	actory-Default		PPM	511325
1566818	8	-1	2	2.1	1.9	15.8	1.6	-22	20	319	45	99	34	PASS	3	actory-Default		PPM	511325
1566819	7	-2.2	1.9	0.3	1.7	17.8	1.5	4	17	147	38	56	29	PASS	3	actory-Default		PPM	511325
1566820	7	-2.7	2	0.9	1.7	20.5	1.5	-44	18	285	39	57	28	PASS	3	actory-Default		PPM	511325
1566821	6	-4.1	1.7	-2.7	1.6	15.7	1.4	-10	17	169	37	1	25	PASS	3	actory-Default		PPM	511325
1566822	7	-1.9	1.9	1.8	1.7	13.1	1.4	-45	18	319	41	53	29	PASS	3	actory-Default		PPM	511325
1566823	6	-3.3	1.8	0.6	1.6	10.8	1.4	-32	18	216	38	11	26	PASS	3	actory-Default		PPM	511325
1566824	7	-5.5	1.8	-0.4	1.8	14.9	1.5	49	19	312	44	-37	29	PASS	3	actory-Default		PPM	511325
1566825	6	-4.1	1.5	-2.7	1.4	12.3	1.2	-34	16	98	32	16	24	PASS	3	actory-Default		PPM	511325
1566826	7	-1.7	1.9	3.2	1.8	22.2	1.6	-32	19	297	45	33	34	PASS	3	actory-Default		PPM	511325
1566827A	7	-3.2	1.8	3.2	1.7	18.7	1.5	-32	18	290	44	80	35	PASS	3	actory-Default		PPM	511325
1566827	6	-6.3	1.6	-1.9	1.5	17.5	1.4	-8	16	144	35	31	26	PASS	3	actory-Default		PPM	511325
1566828A	6	-1.5	1.7	1.5	1.6	16	1.4	29	17	167	38	89	29	PASS	3	actory-Default		PPM	511325
1566828	6	-2.6	1.6	-1.5	1.5	14.6	1.3	-12	17	185	36	16	26	PASS	3	actory-Default		PPM	511325
1566829	7	-3.1	1.7	1.9	1.7	17.8	1.4	-5	17	276	39	59	29	PASS	3	actory-Default		PPM	511325
1566830	6	-3.9	1.7	0.8	1.6	16.1	1.4	43	17	249	39	86	29	PASS	3	actory-Default		PPM	511325
1566831	6	-1.9	1.7	0.8	1.6	14	1.4	29	17	213	39	4	28	PASS	3	actory-Default		PPM	511325
1566832	6	-3.7	1.6	-1.8	1.5	11.2	1.3	11	16	105	34	-7	24	PASS	3	actory-Default		PPM	511325

Soil XRF Data

Sample_ID	W +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-	Pass/Fail	LOD Sigma	User Factor Name	Method Name	Unit	Instrument SN
1566833	6	-0.3	1.8	2.5	1.6	20.1	1.5	26	17	155	36	76	28	PASS	3	actory-Default		PPM	511325
1566834	8	-2	2	5	2	16.2	1.8	-66	21	257	44	81	33	PASS	3	actory-Default		PPM	511325
1566835	7	-3.7	1.9	-0.6	1.8	32.4	1.7	-42	18	175	39	23	28	PASS	3	actory-Default		PPM	511325
1566836	6	-3.2	1.6	-0.8	1.5	16.1	1.3	37	16	169	35	30	24	PASS	3	actory-Default		PPM	511325
1566837	7	-3.6	1.8	1.5	1.8	12.5	1.5	-62	19	192	39	-14	26	PASS	3	actory-Default		PPM	511325
1566838	7	0.4	1.9	1	1.8	12.5	1.5	13	19	192	41	12	29	PASS	3	actory-Default		PPM	511325
1566839	7	1	1.8	3	1.7	18.2	1.4	13	17	274	39	36	27	PASS	3	actory-Default		PPM	511325
1566840	7	0.3	1.9	0.2	1.7	21.7	1.6	-40	18	140	38	55	28	PASS	3	actory-Default		PPM	511325
1566841	8	-1	2	1.8	2	42	2	-9	20	286	44	93	34	PASS	3	actory-Default		PPM	511325
1566842	6	-0.5	1.8	3.4	1.7	17.6	1.4	24	17	264	37	37	25	PASS	3	actory-Default		PPM	511325
1566843	7	-3.8	1.8	1.2	1.7	15	1.4	-14	18	213	39	41	28	PASS	3	actory-Default		PPM	511325
1566844	8	-1	2	0.8	1.9	13.2	1.5	-8	19	283	40	104	29	PASS	3	actory-Default		PPM	511325
1566845	8	0	2	0.6	1.8	12.8	1.5	-11	19	321	44	155	33	PASS	3	actory-Default		PPM	511325
1566846	7	4.3	2	0.5	1.7	15.2	1.5	8	18	270	41	74	27	PASS	3	actory-Default		PPM	511325
1566847	7	-5.8	1.8	0.1	1.8	21.8	1.6	-63	19	255	42	63	32	PASS	3	actory-Default		PPM	511325
1566848	7	-0.1	1.9	2.9	1.8	16.3	1.5	-70	19	196	40	-1	28	PASS	3	actory-Default		PPM	511325
1566849	7	-3.7	1.8	-2.2	1.7	14.8	1.5	-10	19	243	40	86	30	PASS	3	actory-Default		PPM	511325
1566850	7	-5.5	1.7	1.9	1.7	16.7	1.5	-18	18	253	40	50	28	PASS	3	actory-Default		PPM	511325
1566851	7	-5.7	1.8	-1.6	1.8	19.6	1.6	-45	19	326	43	30	31	PASS	3	actory-Default		PPM	511325
1566852	7	0.7	1.9	3.9	1.8	23.5	1.6	-32	19	227	43	119	36	PASS	3	actory-Default		PPM	511325
1566853	7	-1.8	1.9	2.2	1.9	23.9	1.6	-37	19	381	46	55	35	PASS	3	actory-Default		PPM	511325
1566854	7	-1.6	2	4.2	1.9	20.4	1.6	-90	19	381	44	73	34	PASS	3	actory-Default		PPM	511325
1566855	7	-2.9	1.8	3.4	1.8	23.1	1.6	-16	18	304	43	78	34	PASS	3	actory-Default		PPM	511325
1566856	7	-1.1	1.9	2.6	1.8	22.4	1.6	-13	19	299	45	65	35	PASS	3	actory-Default		PPM	511325
1566857	7	0.1	2	1.3	1.9	29.4	1.7	-50	19	225	45	70	39	PASS	3	actory-Default		PPM	511325
1566858	5	-2.4	1.5	-0.9	1.4	10.6	1.2	37	15	121	31	3	22	PASS	3	actory-Default		PPM	511325
1566859	7	-1.5	1.9	2.5	1.9	22.4	1.6	-16	19	300	44	79	35	PASS	3	actory-Default		PPM	511325
1566860	7	-2.1	1.9	3.3	1.9	22.7	1.6	-10	18	229	41	118	34	PASS	3	actory-Default		PPM	511325
1566861	7	-2.4	1.8	3.7	1.8	19.7	1.5	-27	18	308	43	115	34	PASS	3	actory-Default		PPM	511325
1566862	7	-4.6	1.7	-3.3	1.7	15.2	1.4	5	17	296	40	106	30	PASS	3	actory-Default		PPM	511325
1566863	8	1	2	4.5	1.9	25.6	1.7	-70	20	305	45	104	36	PASS	3	actory-Default		PPM	511325
1566864	6	0.9	1.7	1.4	1.6	21.6	1.5	63	17	210	39	62	32	PASS	3	actory-Default		PPM	511325
1566865	7	-1.7	1.9	2.8	1.8	10.5	1.5	-55	19	295	42	11	28	PASS	3	actory-Default		PPM	511325
1566866	8	-4	2	1.6	1.9	92	2	-14	19	367	44	-32	30	PASS	3	actory-Default		PPM	511325
1566867	7	-0.3	1.9	0	1.6	24.8	1.6	29	17	127	36	51	27	PASS	3	actory-Default		PPM	511325
1566868	8	-3	2	0.2	2	84	2	-3	19	411	45	0	32	PASS	3	actory-Default		PPM	511325
1566869	7	-2.4	1.8	-3.6	1.6	15.5	1.4	-24	18	231	39	69	28	PASS	3	actory-Default		PPM	511325
1566870	7	-2.5	1.9	1.7	1.8	20	1.6	8	19	281	41	10	29	PASS	3	actory-Default		PPM	511325
1566871	7	-2.1	1.9	1.5	1.7	13	1.5	-6	18	327	41	12	28	PASS	3	actory-Default		PPM	511325
1566872	7	0	2	-0.4	1.8	11.3	1.6	-64	20	309	45	56	31	PASS	3	actory-Default		PPM	511325
1566873	6	-0.5	1.8	-0.2	1.6	14.3	1.4	10	17	221	37	17	25	PASS	3	actory-Default		PPM	511325
1566874	8	-1	2	0.8	1.9	18.3	1.7	-15	20	461	46	13	30	PASS	3	actory-Default		PPM	511325
1566875	6	-2.3	1.8	-3	1.3	4	1	9	14	53	25	-32	16	PASS	3	actory-Default		PPM	511325

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Sample_ID	W +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-	Pass/Fail	LOD Sigma	User Factor Name	Method Name	Unit	Instrument SN
1566876	9	-1	3	-0.7	1.9	7.6	1.4	34	18	315	41	51	30	PASS	3	actory-Default		PPM	511325
1566877	8	1	3	-0.1	1.7	6.3	1.2	-40	17	145	33	1	24	PASS	3	actory-Default		PPM	511325
1566878	7	2	2	2.8	1.7	6.1	1.3	-13	17	230	36	-13	26	PASS	3	actory-Default		PPM	511325
1566879	6	-0.2	1.7	-1.3	1.4	7.3	1.2	-16	16	107	31	3	21	PASS	3	actory-Default		PPM	511325
1566880	7	-4.4	1.9	1.8	1.8	7	1.4	0	18	211	38	35	27	PASS	3	actory-Default		PPM	511325
1566881	7	0	2	1.8	1.8	8.6	1.4	-30	18	313	43	-22	29	PASS	3	actory-Default		PPM	511325
1566882	8	1	2	2	1.8	7.7	1.4	-40	18	226	39	33	28	PASS	3	actory-Default		PPM	511325
1566883	6	-3.7	1.9	0.7	1.6	6.3	1.2	-55	17	115	33	38	23	PASS	3	actory-Default		PPM	511325
1566884	7	5	2	2.4	1.7	8.1	1.3	-9	17	185	35	22	26	PASS	3	actory-Default		PPM	511325
1566885	12	7	4	5	2	8.7	1.6	-51	21	242	46	-17	33	PASS	3	actory-Default		PPM	511325
1566886	10	-3	3	1	2	9.6	1.5	-42	19	296	44	62	32	PASS	3	actory-Default		PPM	511325
1566887	7	-3	2	0.9	1.7	12.1	1.4	-51	18	397	42	54	29	PASS	3	actory-Default		PPM	511325
1566888	8	0	3	4.4	1.9	11.6	1.5	-34	19	428	45	50	32	PASS	3	actory-Default		PPM	511325
1566889	9	-1	3	0.1	1.9	9.4	1.5	11	18	258	42	44	31	PASS	3	actory-Default		PPM	511325
1566890	9	3	3	2.6	1.9	8.9	1.5	-9	19	443	47	7	34	PASS	3	actory-Default		PPM	511325
1566891	7	-0.4	2	0.5	1.7	13.3	1.4	21	17	302	40	-15	26	PASS	3	actory-Default		PPM	511325
1566892	7	2	2	3.2	1.7	13.1	1.4	1	18	262	40	3	28	PASS	3	actory-Default		PPM	511325
1566893	6	-3.7	1.9	-1.9	1.6	8.3	1.3	4	17	162	35	25	25	PASS	3	actory-Default		PPM	511325
1566894	5	-4.5	1.4	-1.7	1.3	4.9	1	-21	15	125	28	-6	18	PASS	3	actory-Default		PPM	511325
1566894	5	-3	1.4	-0.9	1.2	4.6	1	-4	14	74	27	-1	18	PASS	3	actory-Default		PPM	511325
1566895	9	-6	2	-2	2	13.9	1.9	-35	22	265	47	30	34	PASS	3	actory-Default		PPM	511325
1566896	7	-3	2	1.1	1.8	25.2	1.8	-37	20	436	45	14	30	PASS	3	actory-Default		PPM	511325
1566897	6	-4.4	1.6	-1.2	1.5	13.3	1.3	-4	17	162	34	35	24	PASS	3	actory-Default		PPM	511325
1566898	7	-3	2	-0.2	1.7	23	1.5	-46	18	181	36	-16	24	PASS	3	actory-Default		PPM	511325
1566899	7	1	2	0.6	1.7	12.6	1.4	0	18	327	41	48	28	PASS	3	actory-Default		PPM	511325
1566900	7	2	2	2	1.8	14.6	1.4	-21	17	235	38	-1	26	PASS	3	actory-Default		PPM	511325
1566901	8	0	2	0	1.8	20.5	1.5	-23	18	262	40	28	27	PASS	3	actory-Default		PPM	511325
1566902	7	-1.5	1.9	-0.6	1.7	20.4	1.5	-15	17	299	39	30	27	PASS	3	actory-Default		PPM	511325
1566903	7	-4	2	2	1.7	25.8	1.6	-20	18	296	42	24	28	PASS	3	actory-Default		PPM	511325
1566904	7	0.5	2	1.6	1.7	24.7	1.6	-9	18	242	38	63	27	PASS	3	actory-Default		PPM	511325
1566905	7	-0.7	1.9	1.7	1.7	15.8	1.5	44	17	276	40	48	28	PASS	3	actory-Default		PPM	511325
1566906	9	6	3	4	2	15.3	1.6	5	19	235	40	47	28	PASS	3	actory-Default		PPM	511325
1556907	7	-1.2	2	0.1	1.6	11.3	1.3	26	17	221	37	37	25	PASS	3	actory-Default		PPM	511325
1566908	8	-2	2	2	1.8	32.2	1.8	-3	19	332	41	41	30	PASS	3	actory-Default		PPM	511325
1566909	8	-3	2	1	2	24.6	1.9	-80	22	296	50	7	36	PASS	3	actory-Default		PPM	511325
1566910	7	-4	2	-0.4	1.8	30.9	1.7	31	18	162	40	-65	31	PASS	3	actory-Default		PPM	511325
1566911	8	-3	2	0.9	1.9	19.8	1.7	-64	20	310	45	30	32	PASS	3	actory-Default		PPM	511325
1566912	8	-2	2	4.4	1.9	21.4	1.7	11	19	378	44	42	31	PASS	3	actory-Default		PPM	511325
1566913	6	-5.1	1.6	-1.5	1.5	7.9	1.2	-43	16	219	35	-9	23	PASS	3	actory-Default		PPM	511325
1566914	7	-0.7	1.9	2.9	1.8	19.7	1.6	15	18	299	41	66	31	PASS	3	actory-Default		PPM	511325
1566915	6	-3.9	1.7	-1.1	1.6	10.5	1.3	6	17	162	35	17	24	PASS	3	actory-Default		PPM	511325
1566916	7	-1.4	1.9	4	1.8	20	1.5	5	18	218	39	50	29	PASS	3	actory-Default		PPM	511325
1566917	7	-0.5	1.9	1	1.7	66	2	8	18	288	39	45	28	PASS	3	actory-Default		PPM	511325

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Sample_ID	W +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-	Pass/Fail	LOD Sigma	User Factor Name	Method Name	Unit	Instrument SN
1566918	7	-4.5	1.9	-1.9	1.7	19.3	1.6	-29	19	255	42	48	30	PASS	3	actory-Default		PPM	511325
1566919	7	2	2	4.8	1.6	11.6	1.2	24	16	103	32	12	23	PASS	3	actory-Default		PPM	511325
1566920	6	-0.6	1.8	-0.1	1.6	13.4	1.4	-6	17	210	38	33	27	PASS	3	actory-Default		PPM	511325
1566921	7	-2.7	2	1.2	1.7	12.1	1.5	12	18	275	39	-8	26	PASS	3	actory-Default		PPM	511325
1566922	6	-3.6	1.8	-1.1	1.5	8.3	1.3	-56	17	156	35	42	25	PASS	3	actory-Default		PPM	511325
1566923	7	-2.2	1.9	1.6	1.7	8	1.3	2	17	233	37	9	25	PASS	3	actory-Default		PPM	511325
1566924	8	-1	2	4.7	2	8.9	1.5	-73	20	181	43	-9	29	PASS	3	actory-Default		PPM	511325
1566925	9	-4	3	0	2	16.2	1.7	-12	20	287	44	64	34	PASS	3	actory-Default		PPM	511325
1566926	7	-1	2	0.4	1.6	8.3	1.3	-55	17	94	34	-8	25	PASS	3	actory-Default		PPM	511325
1566927	8	-3	3	-2.8	1.7	14.2	1.5	-8	18	281	41	23	29	PASS	3	actory-Default		PPM	511325
1566928	9	-6	3	0	2	10.6	1.5	-44	19	321	44	42	31	PASS	3	actory-Default		PPM	511325
1566929	8	1	3	2.1	1.7	6.7	1.2	-15	17	207	35	-13	24	PASS	3	actory-Default		PPM	511325
1566930	11	-5	4	0	2	16.2	1.6	-53	19	331	42	44	31	PASS	3	actory-Default		PPM	511325
1566931	9	-4	3	0.1	1.9	26.8	1.6	-35	18	263	40	-14	28	PASS	3	actory-Default		PPM	511325
1566932	8	-3	3	-1.4	1.8	8.1	1.4	-33	18	94	35	36	26	PASS	3	actory-Default		PPM	511325
1566933	9	-1	3	0.9	1.9	8.8	1.4	-10	18	312	42	8	29	PASS	3	actory-Default		PPM	511325
1566934	12	5	4	4	2	13.6	1.6	-29	19	377	45	63	32	PASS	3	actory-Default		PPM	511325
1566935	11	-5	4	-1	2	14.9	1.6	-42	19	302	42	18	31	PASS	3	actory-Default		PPM	511325
1566936	10	6	4	1	2	14	1.6	25	19	347	45	27	32	PASS	3	actory-Default		PPM	511325
1566937	8	-1	3	1.6	1.8	13.3	1.4	2	18	180	37	26	27	PASS	3	actory-Default		PPM	511325
1566938	10	-2	3	1.7	2	12.9	1.4	0	17	143	33	21	25	PASS	3	actory-Default		PPM	511325
1566939	9	5	3	2.5	2	11.3	1.5	28	18	224	41	7	30	PASS	3	actory-Default		PPM	511325
1566940	7	0	2	1.8	1.7	11.1	1.3	-3	17	231	37	-20	25	PASS	3	actory-Default		PPM	511325
1566941	9	4	3	2.5	1.9	12.6	1.4	-11	18	232	39	4	29	PASS	3	actory-Default		PPM	511325
1566942	12	-5	4	3	2	11.5	1.6	-27	19	286	43	103	35	PASS	3	actory-Default		PPM	511325
1566943	11	1	4	1	2	9.1	1.4	-23	18	330	42	-33	28	PASS	3	actory-Default		PPM	511325
1566944	11	-5	4	1	2	8.9	1.5	-62	19	415	45	69	32	PASS	3	actory-Default		PPM	511325
1566945	8	-4	3	0.5	1.7	9.3	1.3	-33	17	234	37	12	26	PASS	3	actory-Default		PPM	511325
1566946	10	-7	3	0	2	10.6	1.5	-16	18	343	43	6	30	PASS	3	actory-Default		PPM	511325
1566947	11	-7	4	2	2	12.6	1.6	-47	20	350	46	94	35	PASS	3	actory-Default		PPM	511325
1566948	10	-2	3	-0.2	2	14.4	1.5	-5	18	255	40	20	29	PASS	3	actory-Default		PPM	511325
1566949	9	-9	3	2	2	8	1.5	-76	19	325	43	11	30	PASS	3	actory-Default		PPM	511325
1566950	10	3	3	1	2	15.6	1.5	-28	18	301	41	32	30	PASS	3	actory-Default		PPM	511325
1566651	10	0	4	0	2	10.4	1.5	-46	19	282	42	-4	29	PASS	3	actory-Default		PPM	511325
1566652	8	-4	3	-1.5	1.8	12.6	1.4	-35	17	267	38	50	27	PASS	3	actory-Default		PPM	511325
1566653	10	-6	3	1	2	16.9	1.6	-65	19	316	42	48	31	PASS	3	actory-Default		PPM	511325
1566654	9	1	3	4	2	18.2	1.6	-33	19	234	41	57	31	PASS	3	actory-Default		PPM	511325
1566655	9	-2	3	4	2	14.4	1.7	-101	21	419	50	48	36	PASS	3	actory-Default		PPM	511325
1566656	9	-1	3	5	2	12.5	1.5	-9	19	360	45	47	32	PASS	3	actory-Default		PPM	511325
1566657	6	-3.7	1.9	-1.8	1.5	11.1	1.3	-28	17	200	35	3	24	PASS	3	actory-Default		PPM	511325
1566658	8	-2	2	2	2	13.5	1.7	-66	20	438	49	61	34	PASS	3	actory-Default		PPM	511325
1566659	6	-2.3	1.8	1.6	1.5	11	1.3	-24	16	154	32	-1	22	PASS	3	actory-Default		PPM	511325
1566660	10	-2	3	3	2	18.5	1.7	-23	19	267	41	95	30	PASS	3	actory-Default		PPM	511325

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Sample_ID	W +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-	Pass/Fail	LOD Sigma	User Factor Name	Method Name	Unit	Instrument SN
1566661	6	0.8	1.9	5.1	1.7	15.2	1.4	12	17	172	37	-7	26	PASS	3	actory-Default		PPM	511325
1566662	7	-3	2	0.8	1.8	17	1.6	-30	19	267	42	17	29	PASS	3	actory-Default		PPM	511325
1566663	7	0	2	4	1.9	15.7	1.5	-58	19	294	43	25	30	PASS	3	actory-Default		PPM	511325
1566664	9	-2	2	2	2	36	2	-81	21	456	49	47	34	PASS	3	actory-Default		PPM	511325
1566665	8	-3	2	1.4	1.8	26	1.7	-21	19	315	42	75	31	PASS	3	actory-Default		PPM	511325
1566667	5	-6.5	1.5	-1.3	1.3	5.7	1.1	-16	15	77	28	-18	18	PASS	3	actory-Default		PPM	511325
1566671	8	-3	2	-0.2	1.9	13.7	1.7	-22	20	339	43	71	31	PASS	3	actory-Default		PPM	511325
1566668	8	-1	2	-1.5	1.8	26.6	1.7	-20	18	246	39	15	27	PASS	3	actory-Default		PPM	511325
1566669	11	-12	3	-2	2	83	3	-40	21	428	48	11	34	PASS	3	actory-Default		PPM	511325
1566670	17	-20	5	-3	3	1019	9	1	22	482	47	174	37	PASS	3	actory-Default		PPM	511325
1566671	12	-10	4	-4	2	249	4	3	21	291	45	34	35	PASS	3	actory-Default		PPM	511325
1566672	19	-20	7	-7	3	881	8	26	23	378	47	88	39	PASS	3	actory-Default		PPM	511325
1566673	20	-35	7	-13	4	702	8	-40	24	373	50	50	39	PASS	3	actory-Default		PPM	511325
1566674	8	-4	3	-0.4	1.9	43.5	2	4	19	355	43	52	31	PASS	3	actory-Default		PPM	511325
1566675	9	-5	3	-1.4	2	188	3	-27	19	208	39	6	28	PASS	3	actory-Default		PPM	511325
1566676	11	-8	3	1	2	266	4	-43	21	392	47	0	34	PASS	3	actory-Default		PPM	511325
1566677	12	-2	4	-3	2	793	8	24	21	163	41	42	34	PASS	3	actory-Default		PPM	511325
1566678	11	-3	3	0	2	319	5	-31	22	350	48	49	36	PASS	3	actory-Default		PPM	511325
1566679	9	-5	3	2	2	45	2	-48	20	376	47	95	36	PASS	3	actory-Default		PPM	511325
1566680	8	-6	2	0.3	1.9	92	3	-24	20	389	45	49	32	PASS	3	actory-Default		PPM	511325
1566681	8	-3	2	0.6	2	49	2	-27	20	259	42	54	33	PASS	3	actory-Default		PPM	511325
1566682	8	1	2	2.2	1.9	45	2	-29	20	335	43	31	31	PASS	3	actory-Default		PPM	511325
1566683	9	1	3	-0.3	1.8	34.6	1.7	35	17	298	37	-22	24	PASS	3	actory-Default		PPM	511325
1566684	11	-7	4	-2	2	298	4	-3	20	240	41	45	31	PASS	3	actory-Default		PPM	511325
1566685	10	-15	3	-4	2	372	5	-2	19	266	42	67	33	PASS	3	actory-Default		PPM	511325
1566686	9	-6	3	0.6	1.9	113	3	-5	18	116	35	44	26	PASS	3	actory-Default		PPM	511325
1566687	17	-15	6	-9	3	761	8	12	23	241	45	82	37	PASS	3	actory-Default		PPM	511325
1566688	18	-4	6	-2	3	915	10	-102	27	633	61	84	47	PASS	3	actory-Default		PPM	511325
1566689	21	-27	7	-14	4	794	8	-30	23	331	49	104	40	PASS	3	actory-Default		PPM	511325
1566690	12	-9	3	-1	3	444	6	-41	23	527	53	181	43	PASS	3	actory-Default		PPM	511325
1566691	10	-6	3	-1	2	63	2	-34	21	537	51	61	37	PASS	3	actory-Default		PPM	511325
1566692	8	-7	2	-0.6	1.9	34.7	1.9	-47	20	296	43	61	31	PASS	3	actory-Default		PPM	511325
1566693	8	-2	2	2	1.8	23.4	1.6	-14	18	297	40	7	27	PASS	3	actory-Default		PPM	511325
1566694	8	-5	2	2	2	11.9	1.7	-37	20	315	45	35	32	PASS	3	actory-Default		PPM	511325
1566695	8	-4	2	1	1.9	17.9	1.7	-48	19	262	42	69	31	PASS	3	actory-Default		PPM	511325
1566696	8	-4	2	-1.3	1.9	22.4	1.7	-34	19	455	46	63	32	PASS	3	actory-Default		PPM	511325
1566697	10	-4	3	-4	2	30	2	-117	24	453	53	60	36	PASS	3	actory-Default		PPM	511325
1566698	7	-0.1	1.8	-2.1	1.6	14.6	1.4	-22	17	133	34	44	24	PASS	3	actory-Default		PPM	511325
1566699	5	-6	1.4	-3.4	1.3	9.1	1.1	58	14	78	22	-33	14	PASS	3	actory-Default		PPM	511325
1566701	6	-4.9	1.7	-1.8	1.6	10.8	1.3	3	17	229	37	0	24	PASS	3	actory-Default		PPM	511325
1566702	7	-0.8	1.9	4.3	1.7	13.3	1.4	-8	17	181	37	39	27	PASS	3	actory-Default		PPM	511325
1566703	8	1	2	1.4	1.8	14.3	1.4	-4	17	176	36	16	26	PASS	3	actory-Default		PPM	511325
1567004	9	0	3	1.1	1.9	12.9	1.4	0	18	235	38	-35	26	PASS	3	actory-Default		PPM	511325

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Sample_ID	W +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-	Pass/Fail	LOD Sigma	User Factor Name	Method Name	Unit	Instrument SN
1567005	8	-2	3	0.2	1.9	13	1.4	18	18	203	38	0	27	PASS	3	actory-Default		PPM	511325
1567006	6	-4.5	1.8	-1	1.6	8.9	1.3	15	17	186	36	15	25	PASS	3	actory-Default		PPM	511325
1567007	6	-5.8	1.7	-3.2	1.5	8.4	1.3	-137	18	141	34	-20	23	PASS	3	actory-Default		PPM	511325
1567008	9	-1	3	1	2	16.8	1.6	-12	19	226	42	24	32	PASS	3	actory-Default		PPM	511325
1567009	7	-1	2	0.2	1.7	15.7	1.4	-12	18	213	38	23	28	PASS	3	actory-Default		PPM	511325
1567010	7	-4.9	1.8	0.1	1.7	13.4	1.4	-37	17	205	39	44	28	PASS	3	actory-Default		PPM	511325
1567011	7	-7.6	1.8	0	1.8	11.9	1.4	-36	18	246	39	8	27	PASS	3	actory-Default		PPM	511325
1567012	5	-2.9	1.4	-3.2	1.2	12.7	1.1	-6	14	52	26	-5	18	PASS	3	actory-Default		PPM	511325
1567013	7	-3	1.8	-1.4	1.6	12.7	1.4	-29	18	196	39	20	29	PASS	3	actory-Default		PPM	511325
1567014	7	-4	2	0	1.8	10.6	1.4	-18	18	266	40	-14	28	PASS	3	actory-Default		PPM	511325
1567015	6	0.1	1.7	0.4	1.5	12.2	1.3	-15	17	134	34	23	25	PASS	3	actory-Default		PPM	511325
1567016	5	-2.7	1.4	-3.5	1.3	7.3	1.1	50	15	62	26	2	18	PASS	3	actory-Default		PPM	511325
1567016	5	-8	1.3	-5.3	1.2	4.1	1	-18	15	29	23	-30	14	PASS	3	actory-Default		PPM	511325
1567017	7	0.7	1.8	1.4	1.7	12.2	1.4	-8	18	179	38	2	27	PASS	3	actory-Default		PPM	511325
1567018	7	-1.3	1.8	2.8	1.8	13.8	1.4	-2	18	187	38	-3	27	PASS	3	actory-Default		PPM	511325
1567019	5	-5.1	1.4	-0.9	1.4	7.9	1.2	-21	16	48	30	51	23	PASS	3	actory-Default		PPM	511325
1567019	6	-3	1.6	0.5	1.5	10.6	1.3	-15	16	166	34	21	24	PASS	3	actory-Default		PPM	511325
1567020	6	-1.3	1.7	-0.4	1.6	9.5	1.3	-44	17	225	38	-7	26	PASS	3	actory-Default		PPM	511325
1567021	6	-2.2	1.5	-1.6	1.4	9.8	1.2	-34	16	136	33	18	22	PASS	3	actory-Default		PPM	511325
1567022	6	-1.2	1.7	0.7	1.5	7.3	1.2	-12	16	162	34	-24	23	PASS	3	actory-Default		PPM	511325
1567023	6	-7.6	1.6	1.1	1.7	9.5	1.3	-14	17	252	38	-3	26	PASS	3	actory-Default		PPM	511325
1567024	7	-2.1	1.9	1.1	1.7	13.9	1.4	-49	18	235	39	39	28	PASS	3	actory-Default		PPM	511325
1567025	9	0	3	2	2	9.7	1.6	-65	20	384	44	-29	31	PASS	3	actory-Default		PPM	511325
1567026	6	-0.7	1.7	0.4	1.5	9.5	1.3	-20	17	244	37	20	25	PASS	3	actory-Default		PPM	511325
1567027	8	-2	2	-2.7	1.8	21.1	1.6	-28	19	139	38	42	29	PASS	3	actory-Default		PPM	511325
1567028	9	-1	3	2	2	20.5	1.7	-42	20	390	46	86	33	PASS	3	actory-Default		PPM	511325
1567029	5	-4	1.7	-3	1.3	8.9	1.1	1	15	68	27	7	19	PASS	3	actory-Default		PPM	511325
1567030	6	-4.5	1.8	-2.3	1.4	11.4	1.2	-16	16	103	28	-17	19	PASS	3	actory-Default		PPM	511325
1567031	6	1.3	2	0	1.5	15	1.3	44	16	165	32	35	23	PASS	3	actory-Default		PPM	511325
1567032	8	-3	2	3	1.9	17.7	1.6	-45	19	194	39	2	27	PASS	3	actory-Default		PPM	511325
1567033	8	-7	2	-1.2	1.8	18.3	1.6	-22	18	331	40	6	25	PASS	3	actory-Default		PPM	511325
1567034	18	-2	6	0	3	360	5	-34	21	432	48	25	36	PASS	3	actory-Default		PPM	511325
1567035	16	-14	6	-2	3	679	7	0	23	409	48	3	35	PASS	3	actory-Default		PPM	511325
1567036	15	-17	5	-3	3	400	5	-26	22	548	51	33	37	PASS	3	actory-Default		PPM	511325
1567037	11	-3	4	2	2	169	3	-26	21	473	49	48	35	PASS	3	actory-Default		PPM	511325
1567038	23	-69	9	-26	4	2827	20	-34	27	383	50	85	41	PASS	3	actory-Default		PPM	511325
1567039	14	9	5	1	3	767	7	-30	20	266	41	22	31	PASS	3	actory-Default		PPM	511325
1567040	21	-9	8	-11	4	621	7	-92	23	355	47	-28	33	PASS	3	actory-Default		PPM	511325
1567041	14	3	5	4	3	750	7	-6	21	339	46	41	35	PASS	3	actory-Default		PPM	511325
1567042	10	-11	3	-3	2	47	2	-150	20	456	45	14	27	PASS	3	actory-Default		PPM	511325
1567043	24	-27	9	-9	4	415	5	14	21	261	44	-34	36	PASS	3	actory-Default		PPM	511325
1567044	15	2	5	-1	3	197	3	-20	19	290	42	7	29	PASS	3	actory-Default		PPM	511325
1567045	7	-1	2	-1.4	1.5	43.3	1.6	-34	16	170	30	4	20	PASS	3	actory-Default		PPM	511325

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Sample_ID	W +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-	Pass/Fail	LOD Sigma	User Factor Name	Method Name	Unit	Instrument SN
1567046	9	-7	3	-5.3	1.8	89	2	-14	18	190	37	10	27	PASS	3	actory-Default		PPM	511325
1567047	7	8	2	3.8	1.5	75	1.8	32	15	81	27	10	20	PASS	3	actory-Default		PPM	511325
1567047	7	2	2	-1.2	1.4	64.9	1.7	-27	15	68	26	8	19	PASS	3	actory-Default		PPM	511325
1567048	13	5	5	-1	3	612	6	30	20	176	37	29	30	PASS	3	actory-Default		PPM	511325
1567049	13	-3	5	1	3	255	4	3	19	346	42	-42	30	PASS	3	actory-Default		PPM	511325
1567050	7	-2	2	1.6	1.7	17.3	1.5	-10	17	218	36	13	26	PASS	3	actory-Default		PPM	511325
1566700	7	2	2	5.5	1.8	14.1	1.5	0	18	334	41	71	31	PASS	3	actory-Default		PPM	511325
1567051	7	-5	2	-3.6	1.6	10.8	1.3	-32	17	303	36	-22	23	PASS	3	actory-Default		PPM	511325
1567052	11	13	4	6	2	38.7	1.8	20	17	268	38	66	29	PASS	3	actory-Default		PPM	511325
1567052	11	15	4	2	2	28.8	1.6	44	17	276	38	46	28	PASS	3	actory-Default		PPM	511325
1567053	7	-4	2	1.5	1.7	17.1	1.4	-42	16	175	33	-1	23	PASS	3	actory-Default		PPM	511325
1567054	7	-1	2	-1.4	1.5	22.1	1.3	76	15	21	23	-13	16	PASS	3	actory-Default		PPM	511325
1567054	7	-2	2	-1.3	1.5	24.2	1.3	37	14	-9	21	-4	15	PASS	3	actory-Default		PPM	511325
1567055	6	0	2	-2.9	1.4	10.7	1.1	38	15	112	27	-30	17	PASS	3	actory-Default		PPM	511325
1567056	6	-1.4	1.6	1.8	1.4	6.4	1.1	13	15	263	32	12	21	PASS	3	actory-Default		PPM	511325
1567057	7	1	2	1.2	1.6	12.8	1.3	-17	17	163	35	71	26	PASS	3	actory-Default		PPM	511325
1567058	7	1	2	3.9	1.7	12.4	1.4	-20	18	233	39	11	27	PASS	3	actory-Default		PPM	511325
1567059	7	8	2	2.4	1.5	12.6	1.2	97	15	168	30	14	22	PASS	3	actory-Default		PPM	511325
1567151	7	0	2	3	1.9	19.9	1.6	-21	19	218	41	55	30	PASS	3	actory-Default		PPM	511325
1567152	8	-1	2	2.4	1.9	69	2	6	19	346	44	61	33	PASS	3	actory-Default		PPM	511325
1567153	8	-3	2	-0.7	1.9	45	2	-41	20	226	42	68	34	PASS	3	actory-Default		PPM	511325
1567154	6	-1.6	1.6	2.1	1.5	16.9	1.4	-50	17	276	36	16	24	PASS	3	actory-Default		PPM	511325
1567155	7	-1.7	2	1.4	1.8	17.9	1.6	-25	19	254	41	-10	28	PASS	3	actory-Default		PPM	511325
1567156	7	-5.1	1.9	2	1.8	23.4	1.7	-63	19	336	42	-8	29	PASS	3	actory-Default		PPM	511325
1567157	7	0.3	1.9	3.4	1.8	27.5	1.7	-7	18	306	41	38	29	PASS	3	actory-Default		PPM	511325
1567158	6	-1.4	1.8	3.1	1.7	17.4	1.5	-42	19	280	42	64	30	PASS	3	actory-Default		PPM	511325
1567159	7	-7.4	1.9	1.8	1.9	17.8	1.7	-111	21	409	50	116	38	PASS	3	actory-Default		PPM	511325
1567160	9	-1	3	4.8	2	19.1	1.6	-40	19	279	41	11	29	PASS	3	actory-Default		PPM	511325
1567160	9	4	3	6	2	19.1	1.6	-14	19	353	44	16	32	PASS	3	actory-Default		PPM	511325
1567161	7	-1	1.8	-0.1	1.7	14.1	1.5	-15	18	210	39	3	26	PASS	3	actory-Default		PPM	511325
1567162	6	-4.1	1.6	-0.3	1.5	8.7	1.3	-38	17	147	33	-18	22	PASS	3	actory-Default		PPM	511325
1567163	6	-4.6	1.7	0.2	1.6	10.5	1.4	-37	18	162	36	17	26	PASS	3	actory-Default		PPM	511325
1567164	6	-1.3	1.8	1.3	1.6	10.6	1.3	-17	17	128	36	49	27	PASS	3	actory-Default		PPM	511325
1567165	7	-1.6	1.8	0	1.6	9.5	1.4	-35	18	200	40	27	29	PASS	3	actory-Default		PPM	511325
1567166	6	-6	1.7	1.9	1.7	7	1.3	-31	18	238	39	0	27	PASS	3	actory-Default		PPM	511325
1567167	5	-5.5	1.5	-0.4	1.4	5.8	1.2	-90	17	86	32	-13	23	PASS	3	actory-Default		PPM	511325
1567168	7	-2.8	1.8	-1	1.7	12.2	1.4	-71	18	183	40	10	29	PASS	3	actory-Default		PPM	511325
1567169	7	-5.4	1.8	4	1.9	12.6	1.5	-62	19	272	40	-3	29	PASS	3	actory-Default		PPM	511325
1567170	7	-4.7	1.9	0.7	1.7	14	1.4	-10	18	229	38	12	28	PASS	3	actory-Default		PPM	511325
1567171	7	-2.1	2	-0.6	1.8	12.6	1.5	-28	19	294	43	29	31	PASS	3	actory-Default		PPM	511325
1567172	6	-0.6	1.8	0.7	1.6	12.5	1.4	-20	17	151	36	-24	25	PASS	3	actory-Default		PPM	511325
1567173	7	1	2	2.1	1.8	13.7	1.5	-32	19	239	41	-19	30	PASS	3	actory-Default		PPM	511325
1567174	6	-2.3	1.8	-1.2	1.6	10.9	1.4	-36	18	202	39	-13	27	PASS	3	actory-Default		PPM	511325

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Sample_ID	W +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-	Pass/Fail	LOD Sigma	User Factor Name	Method Name	Unit	Instrument SN
1567175	6	-4.3	1.7	-1.5	1.6	9.9	1.4	-11	18	262	40	-46	27	PASS	3	actory-Default		PPM	511325
1567176	6	0.1	1.8	1.2	1.6	9.7	1.3	-75	18	264	40	25	28	PASS	3	actory-Default		PPM	511325
1567177	5	-3.4	1.5	-1.1	1.4	5.5	1.1	-14	16	130	32	23	22	PASS	3	actory-Default		PPM	511325
1567178	6	-3.7	1.7	-2.3	1.6	11.1	1.3	-26	17	169	37	-5	26	PASS	3	actory-Default		PPM	511325
1567179	6	-0.8	1.7	-1.4	1.6	9.2	1.3	-24	17	213	37	13	25	PASS	3	actory-Default		PPM	511325
1567180	6	-3.9	1.7	-0.4	1.6	8.8	1.3	-35	18	234	39	70	29	PASS	3	actory-Default		PPM	511325
1567181	7	-3.2	1.8	-0.2	1.7	10.8	1.3	-15	17	244	39	37	26	PASS	3	actory-Default		PPM	511325
1567182	7	-3.8	1.9	-0.8	1.8	11.7	1.4	-44	18	207	40	99	30	PASS	3	actory-Default		PPM	511325
1567183	5	-6.4	1.4	-6	1.2	12.3	1.1	-68	15	93	27	18	18	PASS	3	actory-Default		PPM	511325
1567184	7	-1.1	1.9	0.4	1.7	15.3	1.5	4	18	264	41	9	29	PASS	3	actory-Default		PPM	511325
1567185	6	-3	1.7	0	1.6	7.9	1.3	-57	17	149	36	9	26	PASS	3	actory-Default		PPM	511325
1567186	5	-7.4	1.3	-3.5	1.2	4.2	1	-40	14	47	26	-30	17	PASS	3	actory-Default		PPM	511325
1567187	6	-3	1.7	0.2	1.6	11	1.4	-42	18	211	41	66	29	PASS	3	actory-Default		PPM	511325
1567188	7	-2.4	1.8	2.5	1.7	15.8	1.5	-65	18	154	37	25	28	PASS	3	actory-Default		PPM	511325
1567189	6	-3.8	1.6	0.8	1.5	11.9	1.3	-5	17	205	35	21	25	PASS	3	actory-Default		PPM	511325
1567190	6	-2.5	1.7	0.5	1.6	7.4	1.3	4	17	215	37	30	26	PASS	3	actory-Default		PPM	511325
1567191	6	-5.2	1.7	-1.3	1.6	11.3	1.4	-22	17	213	38	34	27	PASS	3	actory-Default		PPM	511325
1567192	7	-4.1	1.7	0.8	1.7	10.9	1.3	-19	17	152	37	27	27	PASS	3	actory-Default		PPM	511325
1567193	7	-4.7	1.9	-0.1	1.7	11.9	1.4	-10	18	243	41	12	30	PASS	3	actory-Default		PPM	511325
1567194	7	-2.1	1.9	2.1	1.7	15	1.5	-59	19	260	41	14	29	PASS	3	actory-Default		PPM	511325
1567195	6	-2.7	1.8	0.3	1.6	13.5	1.4	25	17	167	37	38	28	PASS	3	actory-Default		PPM	511325
1567196	6	-3.2	1.6	-1	1.4	8.9	1.1	21	15	90	30	-13	21	PASS	3	actory-Default		PPM	511325
1567197	6	-2.9	1.8	-0.5	1.6	11.7	1.4	-13	18	200	39	22	29	PASS	3	actory-Default		PPM	511325
1567198	7	-1.4	2	1.4	1.7	12.4	1.4	6	18	180	39	21	28	PASS	3	actory-Default		PPM	511325
1567199	8	-2	2	2.8	1.9	20.2	1.7	-15	20	405	47	-36	32	PASS	3	actory-Default		PPM	511325
1567200	5	-2.3	1.5	-1	1.3	8.6	1.1	-10	15	81	29	19	21	PASS	3	actory-Default		PPM	511325
1566701	7	-4.9	1.9	0	1.7	13	1.5	-17	18	223	39	27	28	PASS	3	actory-Default		PPM	511325
1566702	7	-2	2	2.4	1.8	18.8	1.6	-51	19	287	44	30	30	PASS	3	actory-Default		PPM	511325
1566703	8	-2	2	1.9	1.9	20.8	1.7	-72	20	342	45	109	32	PASS	3	actory-Default		PPM	511325
1566704	7	-5.4	1.9	1.6	1.8	20	1.6	-38	18	246	40	-23	26	PASS	3	actory-Default		PPM	511325
1566705	7	-0.9	1.9	2.7	1.7	31.7	1.7	-16	18	240	38	0	25	PASS	3	actory-Default		PPM	511325
1566706	7	-3.7	1.9	-0.7	1.8	18.8	1.7	-82	20	289	44	16	30	PASS	3	actory-Default		PPM	511325
1566707	7	-3.3	1.9	0.5	1.7	12.9	1.5	-34	19	184	40	68	29	PASS	3	actory-Default		PPM	511325
1566708	7	-1	2	1	1.7	11.2	1.4	-59	18	266	40	11	26	PASS	3	actory-Default		PPM	511325
1566709	9	2	3	0.4	1.9	30.8	1.8	4	19	318	42	10	28	PASS	3	actory-Default		PPM	511325
1566710	7	-2.7	1.9	1.2	1.7	17.9	1.5	0	17	301	39	34	27	PASS	3	actory-Default		PPM	511325
1566711	7	-4.2	1.8	1	1.7	31	1.7	23	18	312	42	29	29	PASS	3	actory-Default		PPM	511325
1566712	6	-3.3	1.7	1.5	1.7	15.4	1.4	-11	17	206	36	-4	24	PASS	3	actory-Default		PPM	511325
1566713	7	-3.1	1.8	0.3	1.7	17.9	1.5	14	18	231	39	4	26	PASS	3	actory-Default		PPM	511325
1566714	7	-6.3	1.9	1	1.8	17.2	1.6	-14	19	383	45	70	32	PASS	3	actory-Default		PPM	511325
1566715	6	-6	1.6	0.4	1.6	9.2	1.3	-37	17	191	35	-26	23	PASS	3	actory-Default		PPM	511325
1566715	5	-6.2	1.5	-1.7	1.4	11.2	1.2	-12	16	78	31	0	22	PASS	3	actory-Default		PPM	511325
1566716	6	-3.3	1.7	0.4	1.5	9.3	1.3	-88	17	265	37	48	25	PASS	3	actory-Default		PPM	511325

Soil XRF Data

Sample_ID	W +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-	Pass/Fail	LOD Sigma	User Factor Name	Method Name	Unit	Instrument SN
1566717	6	-3	1.7	-0.9	1.5	11.6	1.3	-29	16	104	33	19	23	PASS	3	actory-Default		PPM	511325
1566718	7	0	2	0.5	1.6	14.1	1.4	-13	17	102	35	49	25	PASS	3	actory-Default		PPM	511325
1566719	7	2	2	3.8	1.9	15.8	1.6	-36	19	403	45	-9	29	PASS	3	actory-Default		PPM	511325
1566720	7	-7	2	-2.3	1.8	31.7	1.8	18	19	273	41	72	30	PASS	3	actory-Default		PPM	511325
1566721	6	-2.8	1.8	-3	1.5	15.2	1.4	-48	18	105	36	2	26	PASS	3	actory-Default		PPM	511325
1566722	7	-2	2	2.3	1.8	19.5	1.6	-45	19	362	42	22	29	PASS	3	actory-Default		PPM	511325
1566723	6	-4.1	1.6	-2.5	1.4	15.8	1.4	-80	17	96	33	31	24	PASS	3	actory-Default		PPM	511325
1566724	7	-6	1.8	-1.7	1.7	22	1.6	-29	18	409	44	-2	29	PASS	3	actory-Default		PPM	511325
1566725	7	-3	2	-1.4	1.8	30.2	1.9	-48	20	448	46	34	32	PASS	3	actory-Default		PPM	511325
1566726	5	-9.2	1.3	-5.2	1.2	7.2	1.2	-177	17	133	31	-22	19	PASS	3	actory-Default		PPM	511325
1566727	8	-1	2	1.5	1.9	25.2	1.7	-41	19	335	44	40	31	PASS	3	actory-Default		PPM	511325
1566728	8	-1	2	2.3	1.8	80	2	-5	18	276	40	32	29	PASS	3	actory-Default		PPM	511325
1566729	6	-3.9	1.8	-1.3	1.5	25.7	1.5	-19	17	199	34	10	24	PASS	3	actory-Default		PPM	511325
1566730	6	-4.8	1.7	-0.2	1.5	14.4	1.4	-47	17	289	39	1	24	PASS	3	actory-Default		PPM	511325
1566731	7	-6	2	-2.6	1.7	78	2	7	18	292	39	56	28	PASS	3	actory-Default		PPM	511325
1566732	7	-6.4	1.9	1.4	1.7	36.8	1.8	-44	18	220	40	-19	28	PASS	3	actory-Default		PPM	511325
1566733	7	-3	2	0.9	1.8	51	2	-72	19	349	44	45	30	PASS	3	actory-Default		PPM	511325
1566734	8	2	2	-1.2	1.8	299	4	-46	19	334	45	73	32	PASS	3	actory-Default		PPM	511325
1566735	7	1	2	4.8	1.9	21	1.7	-24	19	346	44	64	32	PASS	3	actory-Default		PPM	511325
1566736	7	-4.4	1.7	-0.9	1.7	13	1.4	-19	18	202	38	14	27	PASS	3	actory-Default		PPM	511325
1566737	7	-2.1	1.9	3.1	1.8	27.6	1.7	-35	19	263	40	2	28	PASS	3	actory-Default		PPM	511325
1566738	7	-2.9	1.9	0.6	1.8	13.5	1.6	-115	20	366	46	27	31	PASS	3	actory-Default		PPM	511325
1566739	7	-5	2	-1.7	1.8	16.8	1.6	-56	19	351	43	-11	28	PASS	3	actory-Default		PPM	511325
1566740	7	0.3	2	0.3	1.7	13.4	1.5	-16	18	266	40	10	27	PASS	3	actory-Default		PPM	511325
1566741	7	-4	1.9	0.9	1.8	20.9	1.6	-28	19	160	40	97	31	PASS	3	actory-Default		PPM	511325
1566742	7	-5	2	1.1	1.8	24.8	1.6	-42	18	316	42	30	30	PASS	3	actory-Default		PPM	511325
1566743	6	-5	1.7	-0.8	1.7	16.8	1.5	-8	18	209	40	35	28	PASS	3	actory-Default		PPM	511325
1566744	8	-4	2	2.2	1.9	22.3	1.8	-10	20	320	44	22	31	PASS	3	actory-Default		PPM	511325
1566745	7	-3.6	1.8	-0.5	1.7	14.1	1.5	-13	18	344	42	-3	27	PASS	3	actory-Default		PPM	511325
1566746	8	-2	2	4.5	1.9	92	2	-58	20	403	46	80	36	PASS	3	actory-Default		PPM	511325
1566747	7	-1.8	1.9	2.6	1.8	48	1.9	-57	19	255	41	1	29	PASS	3	actory-Default		PPM	511325
1566748	6	-3.2	1.8	2.8	1.7	14.4	1.4	-36	18	294	40	1	27	PASS	3	actory-Default		PPM	511325
1566749	6	-3.9	1.8	0.9	1.7	17	1.6	-37	19	258	41	-14	28	PASS	3	actory-Default		PPM	511325
1566750	7	1	2	1.6	1.8	25.3	1.7	-44	19	395	46	33	31	PASS	3	actory-Default		PPM	511325
1566559	7	-3.7	1.8	0.6	1.8	12.3	1.5	-22	19	388	44	7	29	PASS	3	actory-Default		PPM	511325
1566560	7	-3.9	1.9	2.1	1.8	11.1	1.5	-67	19	487	47	11	30	PASS	3	actory-Default		PPM	511325
1566561	7	-1.6	2	3.7	1.9	12.9	1.5	-50	19	361	45	85	32	PASS	3	actory-Default		PPM	511325
1566562	7	2.5	1.9	0.6	1.7	11	1.4	-26	18	212	40	34	29	PASS	3	actory-Default		PPM	511325
1566563	7	-2	1.8	0.5	1.7	13.9	1.5	1	18	345	43	32	30	PASS	3	actory-Default		PPM	511325
1566564	7	3.2	1.9	4.4	1.7	14.5	1.5	-42	18	338	43	51	30	PASS	3	actory-Default		PPM	511325
1566565	7	-3.9	1.9	2.9	1.8	14.2	1.5	-47	19	396	47	51	32	PASS	3	actory-Default		PPM	511325
1566566	7	-1.6	1.8	0.8	1.7	11.1	1.4	-30	18	280	42	18	29	PASS	3	actory-Default		PPM	511325
1566567	7	-4.5	1.8	-0.3	1.7	8	1.5	-68	19	309	43	24	29	PASS	3	actory-Default		PPM	511325

Soil XRF Data

Sample_ID	W +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-	Pass/Fail	LOD Sigma	User Factor Name	Method Name	Unit	Instrument SN
1566568	7	-5.3	1.9	1.8	1.8	14.1	1.6	-57	19	336	44	20	30	PASS	3	actory-Default		PPM	511325
1566569	7	-0.6	2	1.1	1.8	15.1	1.5	-49	18	306	41	2	28	PASS	3	actory-Default		PPM	511325
1566570	7	-2.4	1.9	2.9	1.9	14.7	1.6	-3	19	337	44	14	31	PASS	3	actory-Default		PPM	511325
1566571	6	-2.4	1.8	-0.4	1.6	14.9	1.5	-38	18	302	41	-9	26	PASS	3	actory-Default		PPM	511325
1566572	7	-2	1.9	1.4	1.8	11.9	1.5	-58	19	283	42	19	29	PASS	3	actory-Default		PPM	511325
1566573	7	-2.6	1.9	3.4	1.7	10.7	1.5	-60	19	315	42	-15	28	PASS	3	actory-Default		PPM	511325
1566574	8	-1	2	3	2	19.3	1.8	-105	21	522	51	13	34	PASS	3	actory-Default		PPM	511325
1566575	8	-3	2	-0.3	1.8	15.7	1.5	-28	18	349	41	42	28	PASS	3	actory-Default		PPM	511325
1566576	6	-3.3	1.8	0	1.6	13.1	1.5	-41	18	314	40	59	29	PASS	3	actory-Default		PPM	511325
1566578	7	-1.1	1.9	2.2	1.7	9.6	1.4	6	18	279	42	39	29	PASS	3	actory-Default		PPM	511325
1566579	10	9	3	4	2	180	3	-17	19	335	42	13	28	PASS	3	actory-Default		PPM	511325
1566580	8	1	3	4.3	2	17.5	1.7	-60	20	351	46	86	34	PASS	3	actory-Default		PPM	511325
1566583	7	-7	2	2.6	1.9	12.6	1.6	-25	20	393	45	30	31	PASS	3	actory-Default		PPM	511325
1566584	7	-3	2	2.2	1.9	12.2	1.5	-27	19	272	43	50	32	PASS	3	actory-Default		PPM	511325
1566585	8	-1	2	3.2	1.9	14	1.6	-66	20	362	45	69	33	PASS	3	actory-Default		PPM	511325
1566586	8	-1	2	8	2	16.2	1.7	-50	20	495	48	-39	31	PASS	3	actory-Default		PPM	511325
1566586	8	2	2	5	2	18.5	1.7	-74	20	602	51	101	35	PASS	3	actory-Default		PPM	511325
1566587	7	-4	2	4.9	1.9	13.4	1.5	-9	19	406	45	47	31	PASS	3	actory-Default		PPM	511325
1566589	7	-0.9	1.9	0.2	1.7	15.2	1.5	-42	19	261	41	5	28	PASS	3	actory-Default		PPM	511325
1566590	7	-2	2	3.6	1.8	12.5	1.5	-39	18	224	41	58	29	PASS	3	actory-Default		PPM	511325
1566591	7	-4	2	5.3	1.9	16.2	1.6	-73	20	405	46	90	33	PASS	3	actory-Default		PPM	511325
1567203	7	-2.5	2	0.4	1.8	22.6	1.7	-35	19	329	44	85	32	PASS	3	actory-Default		PPM	511325
1567204	6	-2.8	1.8	-0.4	1.6	16.5	1.5	1	18	260	39	26	28	PASS	3	actory-Default		PPM	511325
1567205	7	-2.3	1.9	2.3	1.9	20.5	1.7	-20	20	379	45	51	32	PASS	3	actory-Default		PPM	511325
1567206	6	-4.3	1.7	1.2	1.7	15.4	1.5	-39	18	337	41	52	29	PASS	3	actory-Default		PPM	511325
1567207	7	-3.3	1.9	3.3	1.8	16.9	1.6	-4	19	355	43	27	30	PASS	3	actory-Default		PPM	511325
1567208	7	-2.3	1.8	2.7	1.8	16.9	1.6	-39	19	374	44	41	31	PASS	3	actory-Default		PPM	511325
1567209	7	-2.2	1.9	-0.8	1.7	18.1	1.6	-23	19	306	43	94	32	PASS	3	actory-Default		PPM	511325
1567210	6	-1.6	1.8	3	1.7	17.8	1.5	8	18	294	40	61	29	PASS	3	actory-Default		PPM	511325
1567211	7	-1.5	1.8	1.3	1.7	14.8	1.5	-29	18	345	42	-12	28	PASS	3	actory-Default		PPM	511325
1567212	7	-1.3	1.9	5.7	1.8	11.2	1.5	-35	19	406	43	56	30	PASS	3	actory-Default		PPM	511325
1567213	6	-3.4	1.6	-2.4	1.5	9.1	1.3	-3	17	170	36	38	25	PASS	3	actory-Default		PPM	511325
1567214	6	-3.7	1.6	-0.7	1.5	8.7	1.3	-22	17	96	34	-21	23	PASS	3	actory-Default		PPM	511325
1567215	6	-1.9	1.7	-0.9	1.5	12.1	1.3	7	17	129	35	5	24	PASS	3	actory-Default		PPM	511325
1567216	7	-1	1.9	-1.5	1.7	7.3	1.4	-68	19	228	45	10	31	PASS	3	actory-Default		PPM	511325
1567217	6	-1	1.6	-1.2	1.5	9	1.3	-19	17	103	35	12	24	PASS	3	actory-Default		PPM	511325
1567219	6	-2.9	1.7	0.9	1.6	12.2	1.4	-31	18	277	39	-32	26	PASS	3	actory-Default		PPM	511325
1567220	6	-3	1.7	-1.1	1.6	8.9	1.3	-14	17	241	38	-9	25	PASS	3	actory-Default		PPM	511325
1567221	8	-2	2	2.4	2	16	1.8	-22	21	325	47	18	34	PASS	3	actory-Default		PPM	511325
1567222	7	-2.1	1.9	0.2	1.8	9.4	1.4	-19	19	117	40	48	29	PASS	3	actory-Default		PPM	511325
1567223	6	-6.6	1.6	-2.7	1.5	10	1.3	-30	17	201	36	51	24	PASS	3	actory-Default		PPM	511325
1567224	6	-3.2	1.7	0.1	1.6	10.5	1.3	0	17	137	35	16	23	PASS	3	actory-Default		PPM	511325
1567225	6	-0.9	1.6	-0.3	1.5	9.6	1.2	-19	16	149	35	20	24	PASS	3	actory-Default		PPM	511325

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Sample_ID	W +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-	Pass/Fail	LOD Sigma	User Factor Name	Method Name	Unit	Instrument SN
1567226	7	-1.3	1.9	-0.8	1.6	16.2	1.4	-36	17	150	36	28	26	PASS	3	actory-Default		PPM	511325
1567227	8	-2.9	2	1.3	1.9	23.8	1.8	-101	20	412	48	41	33	PASS	3	actory-Default		PPM	511325
1567228	5	-4.9	1.4	-2.4	1.4	8.1	1.1	-13	16	127	32	16	21	PASS	3	actory-Default		PPM	511325
1567229	7	3.3	1.9	1	1.7	13.9	1.5	-31	18	324	42	-13	27	PASS	3	actory-Default		PPM	511325
1567230	7	-7.1	1.8	2.3	1.9	11.3	1.5	-68	19	225	44	66	33	PASS	3	actory-Default		PPM	511325
1567231	7	0.3	1.9	5.2	1.8	13.9	1.5	27	18	256	42	40	29	PASS	3	actory-Default		PPM	511325
1567232	6	-2	1.6	-1.8	1.5	9.6	1.3	-5	17	162	35	-2	24	PASS	3	actory-Default		PPM	511325
1567060	6	-3.4	1.7	-1.1	1.6	12.8	1.4	-52	18	300	39	-4	26	PASS	3	actory-Default		PPM	511325
1567061	6	-2.8	1.7	2.2	1.6	16.5	1.4	-14	18	164	39	27	29	PASS	3	actory-Default		PPM	511325
1567062	6	-2.6	1.7	1	1.6	21.7	1.5	-21	17	157	38	5	28	PASS	3	actory-Default		PPM	511325
1567063	6	-2.8	1.7	-1.5	1.6	13.3	1.4	44	17	278	39	14	27	PASS	3	actory-Default		PPM	511325
1567064	8	-2	2	5	2	13.1	1.9	-106	24	386	55	-12	37	PASS	3	actory-Default		PPM	511325
1567065	6	-2.7	1.8	0.5	1.6	14.4	1.4	-19	18	244	38	79	28	PASS	3	actory-Default		PPM	511325
1567066	7	-3.3	1.8	0.1	1.7	9.2	1.4	25	18	240	40	24	27	PASS	3	actory-Default		PPM	511325
1567067	6	-1.3	1.8	-1.4	1.6	16	1.4	-6	18	289	39	32	27	PASS	3	actory-Default		PPM	511325
1567068	7	2.1	2	3.6	1.8	21.5	1.6	-8	19	397	46	29	33	PASS	3	actory-Default		PPM	511325
1567069	7	0.6	1.9	3	1.8	15	1.5	-10	19	263	42	30	31	PASS	3	actory-Default		PPM	511325
1567070	6	-2.2	1.7	0	1.5	12.6	1.3	30	16	152	36	32	26	PASS	3	actory-Default		PPM	511325
1567071	7	1.9	1.9	5.4	1.8	16.3	1.5	-68	18	208	40	64	30	PASS	3	actory-Default		PPM	511325
1567072	6	0.4	1.8	2.3	1.6	14.9	1.3	34	16	248	34	51	24	PASS	3	actory-Default		PPM	511325
1567073	7	0.9	1.9	-1.1	1.7	9.3	1.4	-86	19	158	38	-22	25	PASS	3	actory-Default		PPM	511325
1567074	7	-2	2	0	1.8	13.3	1.6	-25	20	222	43	-46	28	PASS	3	actory-Default		PPM	511325
1567075	6	-1.7	1.6	0	1.5	14.9	1.3	-23	16	223	36	72	26	PASS	3	actory-Default		PPM	511325
1567076	7	-1.8	1.8	4.1	1.7	18.2	1.5	33	18	277	40	51	29	PASS	3	actory-Default		PPM	511325
1567077	6	-3	1.7	-1.2	1.6	11.1	1.4	35	17	244	39	-18	25	PASS	3	actory-Default		PPM	511325
1567078	6	-3.1	1.8	-0.1	1.6	17.5	1.4	46	17	250	37	10	26	PASS	3	actory-Default		PPM	511325
1567079	8	-2	2	-3	2	7.8	1.7	-114	23	208	47	41	33	PASS	3	actory-Default		PPM	511325
1567080	7	-2.6	1.9	1.2	1.7	15.8	1.5	-51	18	296	42	35	28	PASS	3	actory-Default		PPM	511325
1567081	6	-3.9	1.7	-1.8	1.6	10.7	1.3	-10	17	199	37	14	24	PASS	3	actory-Default		PPM	511325
1567082	6	-4.8	1.6	1	1.6	6	1.2	65	16	156	33	13	22	PASS	3	actory-Default		PPM	511325
1567083	7	-1.9	1.9	2.3	1.8	11.8	1.5	-17	19	284	42	-9	29	PASS	3	actory-Default		PPM	511325
1567084	7	-0.1	2	-1.3	1.7	12.4	1.5	-8	19	191	41	70	31	PASS	3	actory-Default		PPM	511325

Soil XRF Data

Sample_ID	Model	Tube Anode	Live Time 1	Live Time 2	Live Time 3	Live Time Total	Comment
1566751	Delta Premium	Rh	25.74	21.01	26.65	73.40	
1566752	Delta Premium	Rh	25.99	21.65	26.27	73.90	
1566753	Delta Premium	Rh	25.55	20.35	25.76	71.65	
1566754	Delta Premium	Rh	25.81	21.29	26.61	73.71	
1566755	Delta Premium	Rh	25.84	21.37	25.93	73.15	
1566756	Delta Premium	Rh	26.69	23.37	27.38	77.44	
1566757	Delta Premium	Rh	25.50	21.18	26.49	73.17	
1566758	Delta Premium	Rh	25.83	21.61	26.22	73.66	
1566759	Delta Premium	Rh	25.85	21.57	26.29	73.70	
1566760	Delta Premium	Rh	26.38	22.52	26.64	75.55	
1566761	Delta Premium	Rh	25.88	21.58	26.31	73.77	
1566762	Delta Premium	Rh	25.93	21.82	26.55	74.31	
1566763	Delta Premium	Rh	25.82	21.31	26.94	74.07	
1566764	Delta Premium	Rh	25.98	21.94	26.93	74.85	
1566765	Delta Premium	Rh	26.35	22.58	27.37	76.30	
1566765	Delta Premium	Rh	26.28	22.52	27.33	76.13	
1566766	Delta Premium	Rh	26.04	21.98	27.16	75.18	
1566767	Delta Premium	Rh	26.44	22.65	27.31	76.40	
1566768	Delta Premium	Rh	26.16	22.21	27.03	75.39	
1566769	Delta Premium	Rh	26.15	22.18	26.67	75.00	
1566770	Delta Premium	Rh	25.90	21.08	26.87	73.84	
1566771	Delta Premium	Rh	25.88	21.22	26.86	73.95	
1566772	Delta Premium	Rh	26.09	22.70	27.27	76.06	
1566773	Delta Premium	Rh	25.93	21.70	27.05	74.67	
1566774	Delta Premium	Rh	25.52	20.83	26.65	73.01	
1566775	Delta Premium	Rh	26.82	20.84	26.89	74.55	
1566776	Delta Premium	Rh	26.11	22.27	27.02	75.39	
1566777	Delta Premium	Rh	25.67	21.53	27.08	74.28	
1566778	Delta Premium	Rh	25.83	21.40	26.47	73.70	
1566779	Delta Premium	Rh	25.82	21.27	27.08	74.18	
1566780	Delta Premium	Rh	25.52	20.88	26.72	73.13	
1566781	Delta Premium	Rh	26.05	21.86	26.75	74.66	
1566782	Delta Premium	Rh	25.91	21.52	26.64	74.06	
1566783	Delta Premium	Rh	25.06	19.93	26.21	71.20	
1566784	Delta Premium	Rh	25.96	21.63	26.85	74.44	
1566785	Delta Premium	Rh	25.91	22.14	27.27	75.32	
1566786	Delta Premium	Rh	25.68	20.40	26.23	72.31	
1566787	Delta Premium	Rh	24.93	15.47	26.41	66.82	
1566788	Delta Premium	Rh	25.67	21.10	26.69	73.46	
1566789	Delta Premium	Rh	25.47	20.92	26.37	72.76	
1566790	Delta Premium	Rh	25.81	21.31	26.44	73.56	
1566791	Delta Premium	Rh	26.05	21.85	26.72	74.62	
1566792	Delta Premium	Rh	26.02	21.79	26.97	74.78	

Soil XRF Data

Sample_ID	Model	Tube Anode	Live Time 1	Live Time 2	Live Time 3	Live Time Total	Comment
1566793	Delta Premium	Rh	25.14	18.86	26.83	70.84	
1566794	Delta Premium	Rh	26.33	23.15	27.49	76.97	
1566795	Delta Premium	Rh	25.81	21.39	26.53	73.73	
1566796	Delta Premium	Rh	25.80	21.24	26.72	73.76	
1566797	Delta Premium	Rh	25.92	21.55	26.94	74.40	
1566798	Delta Premium	Rh	26.07	22.02	26.61	74.70	
1566799	Delta Premium	Rh	25.68	21.09	27.08	73.85	
1566800	Delta Premium	Rh	25.93	21.49	26.78	74.19	
1566801	Delta Premium	Rh	25.98	19.23	26.34	71.54	
1566802	Delta Premium	Rh	26.51	22.61	27.88	77.00	
1566803	Delta Premium	Rh	25.83	21.45	27.13	74.41	
1566804	Delta Premium	Rh	26.33	22.59	27.57	76.49	
1566805	Delta Premium	Rh	25.42	20.30	26.61	72.33	
1566806	Delta Premium	Rh	25.79	21.04	26.90	73.73	
1566807	Delta Premium	Rh	24.88	19.05	26.25	70.19	
1566808	Delta Premium	Rh	25.44	20.33	26.86	72.63	
1566809	Delta Premium	Rh	25.42	20.68	26.72	72.82	
1566810	Delta Premium	Rh	25.96	21.73	27.48	75.17	
1566811	Delta Premium	Rh	25.84	21.25	26.98	74.07	
1566812	Delta Premium	Rh	25.12	20.03	26.60	71.74	
1566813	Delta Premium	Rh	25.85	21.51	26.93	74.29	
1566814	Delta Premium	Rh	25.03	19.95	25.76	70.75	
1566814	Delta Premium	Rh	25.82	21.28	25.87	72.97	
1566815	Delta Premium	Rh	25.90	21.56	26.97	74.43	
1566816	Delta Premium	Rh	26.13	21.97	26.84	74.94	
1566817	Delta Premium	Rh	25.77	21.31	25.83	72.91	
1566818	Delta Premium	Rh	26.09	22.33	27.39	75.80	
1566819	Delta Premium	Rh	25.76	21.16	26.79	73.72	
1566820	Delta Premium	Rh	25.39	20.49	26.79	72.67	
1566821	Delta Premium	Rh	26.04	21.78	26.77	74.59	
1566822	Delta Premium	Rh	25.42	20.53	26.57	72.52	
1566823	Delta Premium	Rh	25.96	21.62	26.98	74.56	
1566824	Delta Premium	Rh	26.23	22.12	22.12	70.47	
1566825	Delta Premium	Rh	25.93	21.24	26.92	74.08	
1566826	Delta Premium	Rh	25.99	22.04	27.66	75.70	
1566827A	Delta Premium	Rh	25.65	21.16	26.81	73.62	
1566827	Delta Premium	Rh	25.62	20.82	26.55	72.99	
1566828A	Delta Premium	Rh	25.55	20.67	27.17	73.38	
1566828	Delta Premium	Rh	25.74	21.24	27.04	74.02	
1566829	Delta Premium	Rh	25.32	20.40	26.64	72.36	
1566830	Delta Premium	Rh	25.49	20.86	26.95	73.31	
1566831	Delta Premium	Rh	25.68	20.95	26.92	73.54	
1566832	Delta Premium	Rh	25.76	21.06	27.09	73.91	

Soil XRF Data

Sample_ID	Model	Tube Anode	Live Time 1	Live Time 2	Live Time 3	Live Time Total	Comment
1566833	Delta Premium	Rh	25.08	20.06	26.00	71.14	
1566834	Delta Premium	Rh	26.25	22.88	26.85	75.97	
1566835	Delta Premium	Rh	26.03	21.77	26.81	74.61	
1566836	Delta Premium	Rh	25.35	20.22	27.04	72.61	
1566837	Delta Premium	Rh	25.93	21.57	26.92	74.42	
1566838	Delta Premium	Rh	26.23	22.30	27.54	76.07	
1566839	Delta Premium	Rh	25.31	20.36	26.84	72.51	
1566840	Delta Premium	Rh	25.95	21.62	27.11	74.68	
1566841	Delta Premium	Rh	26.07	22.37	27.49	75.94	
1566842	Delta Premium	Rh	25.09	19.81	26.41	71.31	
1566843	Delta Premium	Rh	25.85	21.46	27.11	74.43	
1566844	Delta Premium	Rh	25.90	21.93	26.77	74.60	
1566845	Delta Premium	Rh	25.87	22.63	26.30	74.81	
1566846	Delta Premium	Rh	25.34	20.67	26.77	72.78	
1566847	Delta Premium	Rh	26.22	21.93	26.43	74.58	
1566848	Delta Premium	Rh	26.27	22.19	27.03	75.49	
1566849	Delta Premium	Rh	25.94	21.60	26.82	74.35	
1566850	Delta Premium	Rh	26.04	21.66	26.94	74.64	
1566851	Delta Premium	Rh	26.17	22.07	26.93	75.16	
1566852	Delta Premium	Rh	25.87	21.54	26.96	74.37	
1566853	Delta Premium	Rh	25.85	21.56	26.89	74.30	
1566854	Delta Premium	Rh	27.22	21.79	26.71	75.72	
1566855	Delta Premium	Rh	25.71	21.23	26.74	73.68	
1566856	Delta Premium	Rh	25.93	21.68	26.65	74.26	
1566857	Delta Premium	Rh	25.71	21.27	26.71	73.69	
1566858	Delta Premium	Rh	24.80	19.08	26.54	70.42	
1566859	Delta Premium	Rh	26.47	21.61	26.77	74.85	
1566860	Delta Premium	Rh	25.84	21.43	26.74	74.01	
1566861	Delta Premium	Rh	25.66	21.12	26.78	73.55	
1566862	Delta Premium	Rh	25.51	20.81	26.86	73.18	
1566863	Delta Premium	Rh	25.79	21.69	27.21	74.69	
1566864	Delta Premium	Rh	25.34	20.25	27.39	72.98	
1566865	Delta Premium	Rh	26.02	21.93	26.90	74.85	
1566866	Delta Premium	Rh	25.98	21.81	26.45	74.24	
1566867	Delta Premium	Rh	26.83	21.56	26.85	75.24	
1566868	Delta Premium	Rh	25.78	21.35	26.17	73.31	
1566869	Delta Premium	Rh	25.79	21.52	26.76	74.08	
1566870	Delta Premium	Rh	25.84	21.58	26.59	74.02	
1566871	Delta Premium	Rh	25.85	21.49	26.87	74.20	
1566872	Delta Premium	Rh	26.34	22.85	27.35	76.53	
1566873	Delta Premium	Rh	25.46	20.82	26.46	72.74	
1566874	Delta Premium	Rh	26.01	21.91	26.37	74.29	
1566875	Delta Premium	Rh	25.09	19.29	26.62	71.00	

Soil XRF Data

Sample_ID	Model	Tube Anode	Live Time 1	Live Time 2	Live Time 3	Live Time Total	Comment
1566876	Delta Premium	Rh	25.74	21.36	26.84	73.94	
1566877	Delta Premium	Rh	25.69	20.69	26.80	73.18	
1566878	Delta Premium	Rh	25.76	21.11	26.46	73.32	
1566879	Delta Premium	Rh	25.33	20.22	26.52	72.07	
1566880	Delta Premium	Rh	25.88	21.37	25.99	73.25	
1566881	Delta Premium	Rh	26.04	21.61	26.90	74.55	
1566882	Delta Premium	Rh	25.54	20.99	26.39	72.92	
1566883	Delta Premium	Rh	25.87	21.07	26.68	73.61	
1566884	Delta Premium	Rh	25.21	20.52	26.61	72.34	
1566885	Delta Premium	Rh	26.67	23.64	27.75	78.06	
1566886	Delta Premium	Rh	25.82	21.36	26.29	73.47	
1566887	Delta Premium	Rh	26.04	21.94	26.63	74.61	
1566888	Delta Premium	Rh	25.87	21.49	26.54	73.90	
1566889	Delta Premium	Rh	25.73	21.17	25.91	72.81	
1566890	Delta Premium	Rh	25.51	20.93	26.18	72.61	
1566891	Delta Premium	Rh	25.80	21.39	26.42	73.61	
1566892	Delta Premium	Rh	25.84	21.41	26.75	74.01	
1566893	Delta Premium	Rh	25.73	21.26	26.97	73.96	
1566894	Delta Premium	Rh	25.27	19.31	27.07	71.64	
1566894	Delta Premium	Rh	25.26	19.28	27.07	71.61	
1566895	Delta Premium	Rh	26.47	22.63	25.70	74.81	
1566896	Delta Premium	Rh	26.16	22.11	26.24	74.51	
1566897	Delta Premium	Rh	25.77	21.30	26.61	73.68	
1566898	Delta Premium	Rh	25.87	21.60	26.85	74.32	
1566899	Delta Premium	Rh	25.51	20.77	26.68	72.96	
1566900	Delta Premium	Rh	25.75	21.19	26.53	73.48	
1566901	Delta Premium	Rh	25.70	21.15	26.45	73.30	
1566902	Delta Premium	Rh	25.80	21.16	26.74	73.70	
1566903	Delta Premium	Rh	25.92	21.43	26.43	73.78	
1566904	Delta Premium	Rh	25.32	20.28	26.39	71.98	
1566905	Delta Premium	Rh	25.57	21.01	26.64	73.22	
1566906	Delta Premium	Rh	25.69	21.32	26.00	73.02	
1556907	Delta Premium	Rh	25.86	21.24	26.77	73.87	
1566908	Delta Premium	Rh	25.31	20.57	25.39	71.27	
1566909	Delta Premium	Rh	26.69	23.90	27.61	78.20	
1566910	Delta Premium	Rh	25.76	21.39	26.33	73.47	
1566911	Delta Premium	Rh	26.21	22.40	26.92	75.53	
1566912	Delta Premium	Rh	25.87	21.32	26.49	73.68	
1566913	Delta Premium	Rh	25.74	22.08	27.60	75.42	
1566914	Delta Premium	Rh	25.79	21.31	26.65	73.75	
1566915	Delta Premium	Rh	25.75	21.24	27.02	74.00	
1566916	Delta Premium	Rh	25.75	21.31	26.68	73.74	
1566917	Delta Premium	Rh	25.72	21.33	26.77	73.81	

Soil XRF Data

Sample_ID	Model	Tube Anode	Live Time 1	Live Time 2	Live Time 3	Live Time Total	Comment
1566918	Delta Premium	Rh	26.10	22.11	27.18	75.39	
1566919	Delta Premium	Rh	25.15	19.75	26.91	71.81	
1566920	Delta Premium	Rh	25.65	20.91	26.62	73.18	
1566921	Delta Premium	Rh	25.73	21.16	26.09	72.98	
1566922	Delta Premium	Rh	25.85	22.30	26.37	74.53	
1566923	Delta Premium	Rh	25.63	20.76	26.21	72.59	
1566924	Delta Premium	Rh	26.42	22.76	26.80	75.98	
1566925	Delta Premium	Rh	25.99	21.84	25.78	73.61	
1566926	Delta Premium	Rh	25.86	21.11	25.89	72.87	
1566927	Delta Premium	Rh	25.81	20.98	25.76	72.55	
1566928	Delta Premium	Rh	26.13	21.99	26.19	74.31	
1566929	Delta Premium	Rh	25.58	20.52	26.48	72.58	
1566930	Delta Premium	Rh	25.94	21.47	25.68	73.08	
1566931	Delta Premium	Rh	26.04	21.52	25.95	73.51	
1566932	Delta Premium	Rh	26.29	21.93	26.56	74.77	SILT
1566933	Delta Premium	Rh	25.94	21.45	26.29	73.69	
1566934	Delta Premium	Rh	25.82	21.19	25.60	72.61	
1566935	Delta Premium	Rh	25.94	21.46	25.61	73.01	
1566936	Delta Premium	Rh	25.69	21.24	25.91	72.84	
1566937	Delta Premium	Rh	25.72	21.37	26.64	73.73	
1566938	Delta Premium	Rh	25.59	20.33	25.62	71.55	SAMPLE 1163819
1566939	Delta Premium	Rh	25.90	21.52	26.50	73.92	
1566940	Delta Premium	Rh	26.34	20.90	26.37	73.61	
1566941	Delta Premium	Rh	25.90	21.26	26.39	73.56	
1566942	Delta Premium	Rh	25.89	21.36	25.93	73.18	
1566943	Delta Premium	Rh	25.99	21.59	26.31	73.89	
1566944	Delta Premium	Rh	25.92	21.49	26.16	73.56	
1566945	Delta Premium	Rh	25.82	21.06	26.32	73.20	
1566946	Delta Premium	Rh	25.76	21.04	26.18	72.98	
1566947	Delta Premium	Rh	26.05	21.78	26.28	74.11	
1566948	Delta Premium	Rh	25.86	21.42	26.08	73.36	
1566949	Delta Premium	Rh	26.48	22.48	25.94	74.90	
1566950	Delta Premium	Rh	25.98	21.42	25.50	72.90	
1566651	Delta Premium	Rh	26.21	22.25	26.19	74.65	
1566652	Delta Premium	Rh	25.93	21.19	25.90	73.02	
1566653	Delta Premium	Rh	26.26	22.08	25.80	74.14	
1566654	Delta Premium	Rh	26.06	21.68	25.71	73.46	
1566655	Delta Premium	Rh	26.26	22.35	26.51	75.12	
1566656	Delta Premium	Rh	26.03	21.67	25.71	73.40	
1566657	Delta Premium	Rh	26.07	21.59	26.39	74.04	
1566658	Delta Premium	Rh	26.19	22.26	26.14	74.59	
1566659	Delta Premium	Rh	25.83	20.78	25.52	72.13	
1566660	Delta Premium	Rh	26.04	21.58	25.24	72.86	

Soil XRF Data

Sample_ID	Model	Tube Anode	Live Time 1	Live Time 2	Live Time 3	Live Time Total	Comment
1566661	Delta Premium	Rh	25.75	20.85	26.12	72.72	
1566662	Delta Premium	Rh	26.10	21.74	26.11	73.94	
1566663	Delta Premium	Rh	25.92	21.66	26.21	73.79	
1566664	Delta Premium	Rh	26.17	22.08	25.69	73.95	
1566665	Delta Premium	Rh	26.41	21.53	25.81	73.75	
1566667	Delta Premium	Rh	25.76	20.78	26.57	73.12	
1566671	Delta Premium	Rh	26.22	22.03	25.15	73.39	
1566668	Delta Premium	Rh	25.98	21.67	25.87	73.52	
1566669	Delta Premium	Rh	26.24	22.17	25.52	73.93	
1566670	Delta Premium	Rh	25.71	20.92	25.57	72.19	
1566671	Delta Premium	Rh	26.03	21.57	24.65	72.24	
1566672	Delta Premium	Rh	25.85	21.18	24.55	71.58	
1566673	Delta Premium	Rh	25.98	21.26	23.17	70.41	
1566674	Delta Premium	Rh	25.98	21.40	25.40	72.78	
1566675	Delta Premium	Rh	26.18	21.65	25.22	73.05	
1566676	Delta Premium	Rh	26.02	21.50	24.43	71.95	
1566677	Delta Premium	Rh	26.06	21.61	24.74	72.41	
1566678	Delta Premium	Rh	26.41	22.39	25.12	73.91	
1566679	Delta Premium	Rh	26.23	22.12	26.18	74.53	
1566680	Delta Premium	Rh	25.95	21.65	26.25	73.84	
1566681	Delta Premium	Rh	26.20	22.13	26.40	74.73	
1566682	Delta Premium	Rh	26.01	21.98	26.22	74.22	
1566683	Delta Premium	Rh	25.58	20.41	26.12	72.11	
1566684	Delta Premium	Rh	26.01	21.56	25.68	73.25	
1566685	Delta Premium	Rh	25.95	21.51	25.57	73.04	
1566686	Delta Premium	Rh	25.99	21.54	26.01	73.54	
1566687	Delta Premium	Rh	25.78	21.02	23.47	70.26	
1566688	Delta Premium	Rh	26.06	21.48	22.86	70.40	
1566689	Delta Premium	Rh	25.96	21.29	24.26	71.51	
1566690	Delta Premium	Rh	25.79	21.13	23.98	70.91	
1566691	Delta Premium	Rh	26.19	22.13	25.71	74.03	
1566692	Delta Premium	Rh	26.20	22.13	26.49	74.81	
1566693	Delta Premium	Rh	25.74	21.23	26.05	73.02	
1566694	Delta Premium	Rh	26.29	22.20	25.51	74.01	
1566695	Delta Premium	Rh	26.21	22.02	25.74	73.97	
1566696	Delta Premium	Rh	26.15	21.77	25.66	73.58	
1566697	Delta Premium	Rh	26.68	23.00	25.27	74.95	
1566698	Delta Premium	Rh	26.02	21.68	26.42	74.12	
1566699	Delta Premium	Rh	23.64	12.63	25.73	62.01	
1566701	Delta Premium	Rh	25.96	21.49	26.74	74.19	
1566702	Delta Premium	Rh	25.61	20.81	26.78	73.20	
1566703	Delta Premium	Rh	25.76	21.17	26.65	73.57	
1567004	Delta Premium	Rh	25.84	21.22	26.80	73.86	

Soil XRF Data

Sample_ID	Model	Tube Anode	Live Time 1	Live Time 2	Live Time 3	Live Time Total	Comment
1567005	Delta Premium	Rh	25.78	21.33	26.72	73.83	
1567006	Delta Premium	Rh	25.96	21.47	27.23	74.66	
1567007	Delta Premium	Rh	26.52	22.76	27.39	76.67	
1567008	Delta Premium	Rh	25.99	21.73	26.09	73.80	
1567009	Delta Premium	Rh	25.90	21.24	26.75	73.90	
1567010	Delta Premium	Rh	26.01	21.56	26.99	74.56	
1567011	Delta Premium	Rh	25.87	21.58	26.87	74.32	
1567012	Delta Premium	Rh	25.22	19.12	26.74	71.08	
1567013	Delta Premium	Rh	25.81	21.44	26.46	73.71	
1567014	Delta Premium	Rh	26.02	21.79	26.64	74.44	
1567015	Delta Premium	Rh	25.53	20.71	26.93	73.17	
1567016	Delta Premium	Rh	24.34	14.71	26.20	65.25	
1567016	Delta Premium	Rh	24.60	15.69	26.64	66.93	
1567017	Delta Premium	Rh	25.77	21.24	26.97	73.97	
1567018	Delta Premium	Rh	25.83	21.45	26.65	73.93	
1567019	Delta Premium	Rh	25.84	20.91	27.03	73.78	
1567019	Delta Premium	Rh	25.56	20.78	26.87	73.20	
1567020	Delta Premium	Rh	25.87	21.43	27.10	74.41	
1567021	Delta Premium	Rh	25.94	21.13	27.17	74.24	
1567022	Delta Premium	Rh	25.66	20.89	26.82	73.37	
1567023	Delta Premium	Rh	25.81	21.27	26.76	73.84	
1567024	Delta Premium	Rh	25.90	21.46	26.78	74.15	
1567025	Delta Premium	Rh	25.94	21.72	25.80	73.46	
1567026	Delta Premium	Rh	25.44	20.57	26.61	72.63	
1567027	Delta Premium	Rh	25.91	21.69	26.19	73.78	
1567028	Delta Premium	Rh	26.20	22.38	26.50	75.08	
1567029	Delta Premium	Rh	25.24	19.34	26.52	71.10	
1567030	Delta Premium	Rh	25.48	21.03	26.97	73.48	
1567031	Delta Premium	Rh	25.32	20.01	26.09	71.42	
1567032	Delta Premium	Rh	26.01	22.06	26.50	74.57	
1567033	Delta Premium	Rh	25.63	20.75	25.25	71.63	
1567034	Delta Premium	Rh	26.04	21.59	25.98	73.61	
1567035	Delta Premium	Rh	26.05	21.63	24.08	71.76	
1567036	Delta Premium	Rh	25.89	21.75	24.76	72.40	
1567037	Delta Premium	Rh	26.19	22.28	26.46	74.94	
1567038	Delta Premium	Rh	26.00	21.56	25.59	73.16	
1567039	Delta Premium	Rh	25.91	21.35	26.10	73.36	
1567040	Delta Premium	Rh	26.28	21.93	25.15	73.36	
1567041	Delta Premium	Rh	26.19	21.77	25.33	73.29	
1567042	Delta Premium	Rh	26.26	21.82	25.34	73.42	
1567043	Delta Premium	Rh	25.86	21.32	24.95	72.13	
1567044	Delta Premium	Rh	25.95	21.47	25.62	73.04	
1567045	Delta Premium	Rh	25.49	20.31	26.34	72.13	

Soil XRF Data

Sample_ID	Model	Tube Anode	Live Time 1	Live Time 2	Live Time 3	Live Time Total	Comment
1567046	Delta Premium	Rh	26.23	21.78	26.27	74.28	
1567047	Delta Premium	Rh	25.15	19.43	25.98	70.56	
1567047	Delta Premium	Rh	25.47	19.87	26.14	71.48	
1567048	Delta Premium	Rh	25.78	20.82	24.39	70.99	
1567049	Delta Premium	Rh	25.75	21.10	25.50	72.34	
1567050	Delta Premium	Rh	25.69	21.04	26.67	73.40	
1566700	Delta Premium	Rh	26.32	21.63	26.72	74.68	
1567051	Delta Premium	Rh	26.84	21.29	26.42	74.56	
1567052	Delta Premium	Rh	25.05	19.80	25.29	70.14	
1567052	Delta Premium	Rh	25.23	20.05	25.25	70.53	
1567053	Delta Premium	Rh	25.85	21.20	26.64	73.68	
1567054	Delta Premium	Rh	23.87	13.65	25.49	63.01	
1567054	Delta Premium	Rh	23.75	12.70	25.13	61.58	
1567055	Delta Premium	Rh	24.82	15.80	25.75	66.37	
1567056	Delta Premium	Rh	25.18	19.42	26.33	70.94	
1567057	Delta Premium	Rh	25.80	22.13	26.48	74.41	
1567058	Delta Premium	Rh	25.78	21.01	25.99	72.77	
1567059	Delta Premium	Rh	24.56	18.51	25.17	68.24	
1567151	Delta Premium	Rh	26.08	21.86	26.44	74.38	
1567152	Delta Premium	Rh	25.96	21.71	26.28	73.95	
1567153	Delta Premium	Rh	27.65	22.00	25.59	75.24	
1567154	Delta Premium	Rh	25.76	20.97	26.58	73.31	
1567155	Delta Premium	Rh	25.93	21.71	26.44	74.07	
1567156	Delta Premium	Rh	25.95	21.68	26.08	73.72	
1567157	Delta Premium	Rh	25.92	21.54	26.27	73.73	
1567158	Delta Premium	Rh	26.11	22.00	26.81	74.92	
1567159	Delta Premium	Rh	26.15	22.01	26.31	74.47	
1567160	Delta Premium	Rh	27.17	21.60	26.82	75.60	
1567160	Delta Premium	Rh	25.99	21.55	26.79	74.33	
1567161	Delta Premium	Rh	25.97	21.47	25.75	73.18	
1567162	Delta Premium	Rh	25.91	21.26	27.10	74.27	
1567163	Delta Premium	Rh	25.96	21.43	26.53	73.91	
1567164	Delta Premium	Rh	25.75	21.26	26.75	73.76	
1567165	Delta Premium	Rh	26.10	21.81	26.99	74.90	
1567166	Delta Premium	Rh	25.91	21.37	26.93	74.21	
1567167	Delta Premium	Rh	26.18	21.86	27.30	75.34	
1567168	Delta Premium	Rh	26.30	22.16	27.04	75.49	
1567169	Delta Premium	Rh	26.06	21.71	26.42	74.20	
1567170	Delta Premium	Rh	25.92	21.51	26.52	73.96	
1567171	Delta Premium	Rh	26.03	21.70	26.48	74.20	
1567172	Delta Premium	Rh	25.84	21.30	26.79	73.93	
1567173	Delta Premium	Rh	25.92	21.62	26.46	74.00	
1567174	Delta Premium	Rh	25.87	21.56	27.16	74.58	

Soil XRF Data

Sample_ID	Model	Tube Anode	Live Time 1	Live Time 2	Live Time 3	Live Time Total	Comment
1567175	Delta Premium	Rh	25.90	21.65	26.88	74.43	
1567176	Delta Premium	Rh	25.95	21.67	27.13	74.75	
1567177	Delta Premium	Rh	25.38	20.01	27.14	72.52	
1567178	Delta Premium	Rh	25.91	21.48	26.80	74.18	
1567179	Delta Premium	Rh	26.00	21.54	27.16	74.70	
1567180	Delta Premium	Rh	26.06	21.88	27.04	74.98	
1567181	Delta Premium	Rh	25.79	22.14	26.90	74.83	
1567182	Delta Premium	Rh	26.17	22.00	26.87	75.04	
1567183	Delta Premium	Rh	25.51	20.00	26.56	72.07	
1567184	Delta Premium	Rh	25.87	21.51	26.78	74.15	
1567185	Delta Premium	Rh	25.82	21.31	26.95	74.08	
1567186	Delta Premium	Rh	25.38	19.75	26.67	71.79	
1567187	Delta Premium	Rh	26.11	22.01	27.28	75.40	
1567188	Delta Premium	Rh	26.01	21.67	27.03	74.70	
1567189	Delta Premium	Rh	25.70	21.11	27.11	73.92	
1567190	Delta Premium	Rh	25.71	21.04	26.98	73.73	
1567191	Delta Premium	Rh	26.03	21.80	27.07	74.90	
1567192	Delta Premium	Rh	25.88	21.53	27.13	74.53	
1567193	Delta Premium	Rh	26.12	21.87	26.26	74.24	
1567194	Delta Premium	Rh	26.40	22.51	26.98	75.89	
1567195	Delta Premium	Rh	25.93	21.35	26.74	74.02	
1567196	Delta Premium	Rh	25.23	19.61	26.40	71.24	
1567197	Delta Premium	Rh	26.19	21.92	26.75	74.87	
1567198	Delta Premium	Rh	25.79	21.43	26.65	73.87	
1567199	Delta Premium	Rh	26.06	21.78	26.15	73.98	
1567200	Delta Premium	Rh	25.64	20.00	26.56	72.20	
1566701	Delta Premium	Rh	26.03	21.84	26.62	74.49	
1566702	Delta Premium	Rh	26.20	22.22	26.86	75.28	
1566703	Delta Premium	Rh	25.89	21.62	26.29	73.80	
1566704	Delta Premium	Rh	25.87	21.46	26.37	73.70	
1566705	Delta Premium	Rh	25.78	21.31	26.49	73.59	
1566706	Delta Premium	Rh	26.22	22.42	26.72	75.36	
1566707	Delta Premium	Rh	25.98	21.93	26.64	74.56	
1566708	Delta Premium	Rh	26.18	22.05	27.09	75.33	
1566709	Delta Premium	Rh	25.85	21.44	26.09	73.37	
1566710	Delta Premium	Rh	25.70	20.87	26.23	72.80	
1566711	Delta Premium	Rh	26.10	21.95	26.76	74.80	
1566712	Delta Premium	Rh	26.02	21.56	26.46	74.04	
1566713	Delta Premium	Rh	25.88	21.47	26.37	73.71	
1566714	Delta Premium	Rh	26.08	21.91	26.53	74.52	
1566715	Delta Premium	Rh	26.24	22.12	27.09	75.44	
1566715	Delta Premium	Rh	26.03	21.20	26.67	73.91	
1566716	Delta Premium	Rh	25.89	21.17	27.00	74.06	

Soil XRF Data

Sample_ID	Model	Tube Anode	Live Time 1	Live Time 2	Live Time 3	Live Time Total	Comment
1566717	Delta Premium	Rh	25.90	22.18	26.55	74.64	
1566718	Delta Premium	Rh	25.83	21.36	26.86	74.05	
1566719	Delta Premium	Rh	25.72	21.09	26.21	73.02	
1566720	Delta Premium	Rh	25.91	21.78	26.68	74.36	
1566721	Delta Premium	Rh	26.54	22.27	27.20	76.01	
1566722	Delta Premium	Rh	25.97	21.75	26.88	74.60	
1566723	Delta Premium	Rh	26.43	22.03	26.52	74.98	
1566724	Delta Premium	Rh	26.33	22.11	26.66	75.10	
1566725	Delta Premium	Rh	26.24	21.82	25.78	73.85	
1566726	Delta Premium	Rh	26.90	23.16	27.41	77.47	
1566727	Delta Premium	Rh	26.23	22.22	26.93	75.38	
1566728	Delta Premium	Rh	25.95	21.65	26.69	74.29	
1566729	Delta Premium	Rh	25.84	21.08	26.00	72.92	
1566730	Delta Premium	Rh	25.94	21.22	27.04	74.20	
1566731	Delta Premium	Rh	25.53	20.73	26.43	72.69	
1566732	Delta Premium	Rh	26.25	21.75	26.97	74.97	
1566733	Delta Premium	Rh	26.05	21.92	26.64	74.61	
1566734	Delta Premium	Rh	25.84	21.52	26.66	74.02	
1566735	Delta Premium	Rh	26.01	21.85	26.20	74.06	
1566736	Delta Premium	Rh	26.08	21.98	26.65	74.71	
1566737	Delta Premium	Rh	25.98	21.62	26.36	73.96	
1566738	Delta Premium	Rh	26.50	22.81	27.19	76.50	
1566739	Delta Premium	Rh	26.27	22.08	26.18	74.53	
1566740	Delta Premium	Rh	25.89	21.53	26.26	73.68	
1566741	Delta Premium	Rh	26.22	21.98	26.37	74.57	
1566742	Delta Premium	Rh	25.94	21.66	26.79	74.39	
1566743	Delta Premium	Rh	25.98	21.82	26.43	74.23	
1566744	Delta Premium	Rh	26.01	21.68	25.90	73.59	
1566745	Delta Premium	Rh	26.88	21.70	26.46	75.05	
1566746	Delta Premium	Rh	26.12	21.91	26.49	74.52	
1566747	Delta Premium	Rh	26.02	21.92	26.68	74.62	
1566748	Delta Premium	Rh	26.11	21.88	27.02	75.00	
1566749	Delta Premium	Rh	26.12	22.04	26.36	74.51	
1566750	Delta Premium	Rh	26.04	21.88	26.20	74.12	
1566559	Delta Premium	Rh	26.03	21.80	26.63	74.46	
1566560	Delta Premium	Rh	26.23	22.14	26.68	75.06	
1566561	Delta Premium	Rh	26.00	21.85	26.52	74.37	
1566562	Delta Premium	Rh	25.83	21.42	26.74	74.00	
1566563	Delta Premium	Rh	25.82	21.56	26.76	74.14	
1566564	Delta Premium	Rh	25.82	21.47	26.66	73.95	
1566565	Delta Premium	Rh	26.16	22.09	26.92	75.17	
1566566	Delta Premium	Rh	26.22	23.23	26.93	76.37	
1566567	Delta Premium	Rh	26.23	22.42	26.91	75.57	

Soil XRF Data

Sample_ID	Model	Tube Anode	Live Time 1	Live Time 2	Live Time 3	Live Time Total	Comment
1566568	Delta Premium	Rh	26.16	22.13	26.59	74.89	
1566569	Delta Premium	Rh	25.83	21.48	26.68	73.99	
1566570	Delta Premium	Rh	26.19	22.06	26.16	74.40	
1566571	Delta Premium	Rh	25.87	21.41	26.35	73.62	
1566572	Delta Premium	Rh	26.11	21.89	26.07	74.08	
1566573	Delta Premium	Rh	26.13	21.89	26.21	74.23	
1566574	Delta Premium	Rh	26.29	22.30	26.11	74.70	
1566575	Delta Premium	Rh	25.82	21.59	26.43	73.84	
1566576	Delta Premium	Rh	26.00	21.65	26.56	74.21	
1566578	Delta Premium	Rh	26.09	22.12	27.23	75.44	
1566579	Delta Premium	Rh	25.94	21.74	26.97	74.64	
1566580	Delta Premium	Rh	26.34	22.86	27.26	76.46	
1566583	Delta Premium	Rh	26.09	22.00	26.47	74.56	
1566584	Delta Premium	Rh	26.01	21.93	26.72	74.66	
1566585	Delta Premium	Rh	26.08	21.84	26.22	74.14	
1566586	Delta Premium	Rh	26.05	21.90	26.10	74.05	
1566586	Delta Premium	Rh	25.97	21.79	26.06	73.83	
1566587	Delta Premium	Rh	25.93	21.57	26.38	73.88	
1566589	Delta Premium	Rh	26.00	21.70	26.54	74.25	
1566590	Delta Premium	Rh	25.87	21.61	26.40	73.87	
1566591	Delta Premium	Rh	26.11	22.01	26.24	74.37	
1567203	Delta Premium	Rh	26.16	22.25	26.96	75.37	
1567204	Delta Premium	Rh	25.93	21.77	26.96	74.66	
1567205	Delta Premium	Rh	26.10	22.24	26.77	75.11	
1567206	Delta Premium	Rh	25.84	21.54	26.96	74.34	
1567207	Delta Premium	Rh	26.00	21.70	27.06	74.76	
1567208	Delta Premium	Rh	26.01	21.98	27.06	75.05	
1567209	Delta Premium	Rh	26.02	21.83	26.75	74.60	
1567210	Delta Premium	Rh	25.76	21.65	26.87	74.28	
1567211	Delta Premium	Rh	25.96	21.67	26.95	74.57	
1567212	Delta Premium	Rh	25.91	21.04	25.69	72.64	
1567213	Delta Premium	Rh	25.65	20.99	26.72	73.36	
1567214	Delta Premium	Rh	25.99	21.78	27.18	74.94	
1567215	Delta Premium	Rh	25.73	21.29	26.82	73.84	
1567216	Delta Premium	Rh	26.59	22.87	27.58	77.05	
1567217	Delta Premium	Rh	26.31	22.00	27.12	75.43	
1567219	Delta Premium	Rh	25.78	21.31	27.44	74.53	
1567220	Delta Premium	Rh	25.60	21.06	27.16	73.82	
1567221	Delta Premium	Rh	26.20	22.28	25.66	74.15	
1567222	Delta Premium	Rh	26.16	22.62	27.56	76.34	
1567223	Delta Premium	Rh	25.76	21.10	26.44	73.31	
1567224	Delta Premium	Rh	25.79	21.42	27.07	74.28	
1567225	Delta Premium	Rh	26.34	20.75	27.09	74.18	

Soil XRF Data

Sample_ID	Model	Tube Anode	Live Time 1	Live Time 2	Live Time 3	Live Time Total	Comment
1567226	Delta Premium	Rh	25.98	22.64	26.66	75.27	
1567227	Delta Premium	Rh	26.59	22.64	26.88	76.11	
1567228	Delta Premium	Rh	25.45	20.41	27.71	73.57	
1567229	Delta Premium	Rh	25.64	21.13	26.39	73.16	
1567230	Delta Premium	Rh	26.45	22.64	28.11	77.20	
1567231	Delta Premium	Rh	26.22	21.94	27.07	75.23	
1567232	Delta Premium	Rh	25.35	20.24	26.44	72.04	
1567060	Delta Premium	Rh	25.99	21.66	26.71	74.36	
1567061	Delta Premium	Rh	25.72	21.13	26.72	73.57	
1567062	Delta Premium	Rh	25.88	21.99	26.46	74.34	
1567063	Delta Premium	Rh	25.46	20.56	26.51	72.53	
1567064	Delta Premium	Rh	27.01	24.13	27.28	78.42	
1567065	Delta Premium	Rh	25.37	20.51	26.18	72.06	
1567066	Delta Premium	Rh	26.09	22.37	27.23	75.69	
1567067	Delta Premium	Rh	25.93	21.38	26.71	74.02	
1567068	Delta Premium	Rh	25.77	21.08	26.25	73.10	
1567069	Delta Premium	Rh	25.86	22.03	26.81	74.69	
1567070	Delta Premium	Rh	25.82	21.03	26.85	73.70	
1567071	Delta Premium	Rh	25.76	20.93	26.57	73.25	
1567072	Delta Premium	Rh	26.53	19.83	26.11	72.47	
1567073	Delta Premium	Rh	26.39	23.20	27.54	77.12	
1567074	Delta Premium	Rh	26.43	23.24	27.59	77.25	
1567075	Delta Premium	Rh	25.16	20.07	26.18	71.41	
1567076	Delta Premium	Rh	25.42	20.84	26.19	72.46	
1567077	Delta Premium	Rh	25.97	21.75	27.36	75.08	
1567078	Delta Premium	Rh	25.46	20.40	26.50	72.36	
1567079	Delta Premium	Rh	27.07	24.77	28.28	80.13	
1567080	Delta Premium	Rh	26.03	21.20	26.90	74.14	
1567081	Delta Premium	Rh	26.03	21.78	27.17	74.98	
1567082	Delta Premium	Rh	25.39	20.82	26.33	72.54	
1567083	Delta Premium	Rh	25.81	21.52	26.87	74.20	
1567084	Delta Premium	Rh	26.41	22.68	27.30	76.39	

Soil XRF vs. Lab Assay

Sample_ID	East_NAD83_Z8	North_NAD83_Z8	Au XRF	As XRF	Ag XRF	Pb XRF	Zn XRF	Cu XRF	Au Lab ppb	As Lab ppm	Ag Lab ppm	Pb Lab ppm	Zn Lab ppm	Cu Lab ppm
1556907	396220	7082903	-1.2	68.2	-3	11.3	34.9	10						
1566559	393560	7079457	-3.7	15.8	-2	12.3	47	15						
1566560	393612	7079450	-3.9	15.2	2	11.1	47	21						
1566561	393665	7079440	-1.6	22.5	-2	12.9	46	16						
1566562	393714	7079430	2.5	12.1	-6	11	44	18						
1566563	393764	7079419	-2	10	-2	13.9	46	18						
1566564	393812	7079407	3.2	10.1	-2	14.5	53	26						
1566565	393864	7079397	-3.9	13.3	-4	14.2	48	14						
1566566	393914	7079387	-1.6	11.1	2	11.1	42	17						
1566567	393966	7079377	-4.5	13.4	-6	8	37	17						
1566568	394016	7079363	-5.3	20.4	3	14.1	40	18						
1566569	394063	7079348	-0.6	34.9	6	15.1	39	8						
1566570	394111	7079330	-2.4	13.4	-2	14.7	53	26						
1566571	394164	7079321	-2.4	11.4	-6	14.9	33.3	17						
1566572	394209	7079290	-2	14.7	0	11.9	44	14						
1566573	394259	7079275	-2.6	16.6	1	10.7	45	21						
1566574	394307	7079256	-1	43.7	6	19.3	76	41						
1566575	394354	7079232	-3	148	-4	15.7	44	12						
1566576	394406	7079220	-3.3	26.1	1	13.1	36.7	17						
1566578	394459	7079221	-1.1	27	3	9.6	40	15						
1566579	394512	7079221	9	391	0	180	53	14	11.50	111.60	0.05	17.90	65.00	23.70
1566580	394562	7079226	1	116	6	17.5	46	23	18.30	145.70	0.05	15.30	66.00	31.10
1566583	394614	7079229	-7	77.5	-2	12.6	50	25	6.50	82.70	0.05	11.10	69.00	34.70
1566584	394664	7079233	-3	33.8	-5	12.2	51	27	5.30	37.30	0.05	10.80	61.00	30.20
1566585	394716	7079235	-1	112	-4	14	55	26	43.30	137.00	0.05	14.30	67.00	28.10
1566586	394765	7079239	-1	119	1	16.2	54	24	42.60	128.70	0.05	13.60	67.00	33.60
1566586	394765	7079239	2	113	-9	18.5	60	27						
1566587	394815	7079246	-4	73.2	2	13.4	50	20	10.00	82.10	0.05	11.20	61.00	23.90
1566589	394869	7079253	-0.9	33.5	-1	15.2	52	20	5.00	40.70	0.05	12.00	59.00	23.30
1566590	394924	7079258	-2	69.1	-2	12.5	47	19	4.80	80.20	0.05	11.60	60.00	23.10
1566591	394976	7079257	-4	46.6	2	16.2	48	24	3.90	44.50	0.05	10.90	51.00	27.10
1566651	397050	7083349	0	506	2	10.4	49	23	56.60	606.00	0.10	12.00	57.00	34.30
1566652	396999	7083351	-4	316	3	12.6	35.4	17	22.10	465.70	0.70	13.60	46.00	30.20
1566653	396948	7083349	-6	386	-2	16.9	64	30	18.90	516.90	0.30	15.10	69.00	46.00
1566654	396901	7083350	1	315	-6	18.2	56	30	37.00	387.90	0.20	15.80	64.00	38.80
1566655	396849	7083349	-2	194	-4	14.4	54	34	19.80	261.80	0.20	13.80	67.00	48.70
1566656	396800	7083350	-1	208	-5	12.5	57	45	22.70	259.80	0.40	10.90	68.00	56.20
1566657	396751	7083350	-3.7	79.2	4	11.1	35	18	4.60	129.70	0.20	15.60	48.00	35.10
1566658	396696	7083350	-2	106	-2	13.5	63	33	12.20	132.70	0.10	13.80	71.00	43.70
1566659	396650	7083350	-2.3	55.9	4	11	33.9	12	2.60	78.00	0.30	15.50	31.00	27.20
1566660	396599	7083353	-2	336	1	18.5	70	65	48.50	517.00	0.80	28.30	96.00	92.50

Soil XRF vs. Lab Assay

Sample_ID	East_NAD83_Z8	North_NAD83_Z8	Au XRF	As XRF	Ag XRF	Pb XRF	Zn XRF	Cu XRF	Au Lab ppb	As Lab ppm	Ag Lab ppm	Pb Lab ppm	Zn Lab ppm	Cu Lab ppm
1566661	396526	7083399	0.8	29.9	-2	15.2	46.4	18	0.60	36.40	0.05	12.00	48.00	19.10
1566662	396476	7083401	-3	59.3	-1	17	55	23	5.30	66.80	0.05	15.80	60.00	29.30
1566663	396425	7083399	0	70.3	-5	15.7	56	27	2.80	79.20	0.05	15.40	63.00	29.30
1566664	396379	7083401	-2	101	-2	36	82	49	6.70	174.80	0.20	38.20	82.00	42.70
1566665	396325	7083398	-3	81.2	-1	26	67	31	4.90	112.20	0.30	27.80	84.00	44.40
1566667	396272	7083398	-6.5	35.4	2	5.7	30.1	19	3.60	78.60	0.60	14.80	46.00	44.20
1566668	396177	7083401	-1	140	-2	26.6	72	38	16.30	129.10	0.40	22.10	99.00	90.00
1566669	396126	7083401	-12	382	2	83	99	43	17.90	258.90	0.60	50.50	113.00	72.40
1566670	396076	7083401	-20	1178	-5	1019	1222	48	18.40	609.60	1.60	142.40	132.00	65.80
1566671	396227	7083401	-3	86	7	13.7	90	69	82.90	3202.40	15.00	2724.50	2755.00	115.20
1566671	396024	7083397	-10	567	-1	249	126	55	34.50	1190.40	4.70	664.90	230.00	100.10
1566672	395977	7083400	-20	1753	-2	881	236	49	51.70	3676.30	8.80	2089.60	379.00	122.10
1566673	395926	7083406	-35	1801	1	702	336	94	81.60	3272.90	6.20	1218.90	475.00	160.60
1566674	395877	7083402	-4	178	2	43.5	101	38	94.70	382.00	0.90	104.40	171.00	88.20
1566675	395823	7083398	-5	209	4	188	126	44	8.90	411.20	3.20	386.30	224.00	67.60
1566676	395774	7083399	-8	309	1	266	159	61	27.80	589.00	4.80	607.20	273.00	132.80
1566677	395726	7083399	-2	364	0	793	136	56	23.90	724.40	5.70	690.00	228.00	97.00
1566678	395676	7083401	-3	273	-2	319	134	75	19.20	502.30	3.40	503.10	204.00	106.10
1566679	395625	7083399	-5	193	1	45	74	25	20.60	324.20	0.30	66.40	105.00	53.10
1566680	395577	7083399	-6	132	-3	92	66	32	9.40	205.80	0.50	62.60	93.00	51.00
1566681	395601	7083354	-3	118	3	49	62	39	10.40	231.80	0.30	98.50	96.00	56.20
1566682	395650	7083350	1	105	-5	45	74	33	8.10	215.30	0.50	69.80	102.00	51.10
1566683	395701	7083350	1	377	3	34.6	56	28	89.70	952.20	1.50	76.60	126.00	60.70
1566684	395748	7083350	-7	398	2	298	155	53	21.40	699.20	4.10	533.90	251.00	80.90
1566685	395797	7083359	-15	317	7	372	163	30	5.90	371.70	1.30	331.10	235.00	49.60
1566686	395850	7083351	-6	238	8	113	63	26	11.30	729.70	1.50	337.20	150.00	70.80
1566687	395900	7083348	-15	1203	-8	761	92	67	41.00	2231.30	6.90	1804.10	170.00	156.40
1566688	395950	7083349	-4	873	-5	915	468	107	30.00	1211.40	6.20	1242.30	643.00	152.60
1566689	396001	7083345	-27	1887	-2	794	729	57	122.50	3703.70	10.50	1642.60	1099.00	111.40
1566690	396053	7083344	-9	241	-5	444	328	94	14.30	572.20	11.70	1232.30	830.00	316.20
1566691	396106	7083342	-6	309	-2	63	88	39	24.40	448.10	1.00	112.30	107.00	50.50
1566692	396148	7083350	-7	125	-2	34.7	55	24	14.00	334.30	0.60	66.90	90.00	53.10
1566693	396199	7083347	-2	101	-4	23.4	68	36	13.10	166.80	0.40	31.80	82.00	49.80
1566694	396249	7083349	-5	79	-3	11.9	78	78	23.70	115.60	0.30	19.90	89.00	96.20
1566695	396299	7083352	-4	131	-9	17.9	70	55	17.90	185.50	0.40	28.20	99.00	80.80
1566696	396356	7083348	-4	147	2	22.4	86	41	10.70	180.30	0.40	30.60	91.00	51.80
1566697	396401	7083351	-4	136	5	30	71	72	4.60	58.40	0.20	26.40	62.00	39.20
1566698	396450	7083350	-0.1	22.3	0	14.6	41.4	23	4.50	34.30	0.10	17.40	46.00	28.00
1566699	396503	7083351	-6	35.4	8	9.1	22.5	6.5	8.00	143.60	0.70	32.20	50.00	43.20
1566700	396576	7083497	2	88.2	3	14.1	49	21	38.80	169.60	0.10	13.20	61.00	31.00
1566701	396274	7083001	-4.9	18.5	2	10.8	40.1	9						

Soil XRF vs. Lab Assay

Sample_ID	East_NAD83_Z8	North_NAD83_Z8	Au XRF	As XRF	Ag XRF	Pb XRF	Zn XRF	Cu XRF	Au Lab ppb	As Lab ppm	Ag Lab ppm	Pb Lab ppm	Zn Lab ppm	Cu Lab ppm
1566701	396274	7083001	-4.9	36.4	-4	13	42	10						
1566702	396235	7083003	-0.8	35.8	-1	13.3	36.5	15						
1566702	396235	7083003	-2	40.4	2	18.8	44	13						
1566703	396175	7083000	1	193	1	14.3	36.2	14						
1566703	396175	7083000	-2	63.5	-3	20.8	77	29						
1566704	396125	7083002	-5.4	34.2	-3	20	59	22						
1566705	396075	7082999	-0.9	31.3	-5	31.7	64	14						
1566706	396027	7083000	-3.7	17.5	-7	18.8	53	20						
1566707	395974	7083000	-3.3	27.4	0	12.9	47	16						
1566708	395925	7082998	-1	50.1	2	11.2	32.5	18						
1566709	395878	7082999	2	188	0	30.8	70	26						
1566710	395826	7082999	-2.7	47.3	1	17.9	50	18						
1566711	395778	7083001	-4.2	17.2	-5	31	49	19						
1566712	395724	7082999	-3.3	16.3	2	15.4	56	20						
1566713	395678	7082999	-3.1	28.2	1	17.9	39.9	14						
1566714	395621	7083002	-6.3	30	0	17.2	59	20						
1566715	395575	7082998	-6	16	12	9.2	25.3	14						
1566715	395575	7082998	-6.2	17.8	4	11.2	28.3	9.6						
1566716	395529	7082999	-3.3	17.2	3	9.3	23	13						
1566717	395476	7082998	-3	44.2	0	11.6	28.7	10						
1566718	395424	7083002	0	70.2	2	14.1	40.2	14						
1566719	395377	7082999	2	40.3	-3	15.8	61	27						
1566720	395327	7082999	-7	41.4	2	31.7	53	18						
1566721	395274	7082999	-2.8	39.5	8	15.2	39.3	9						
1566722	395274	7082901	-2	49.9	-9	19.5	56	17						
1566723	395324	7082901	-4.1	20.3	4	15.8	65	16						
1566724	395383	7082909	-6	25.2	3	22	57	22						
1566725	395426	7082903	-3	31.1	1	30.2	79	39						
1566726	395473	7082901	-9.2	8.1	7	7.2	19.1	5.4						
1566727	395525	7082900	-1	75	-6	25.2	59	22						
1566728	395575	7082902	-1	103	3	80	91	14						
1566729	395623	7082904	-3.9	48.3	6	25.7	63	21						
1566730	395674	7082902	-4.8	27.6	4	14.4	30.1	10						
1566731	395723	7082898	-6	85	6	78	89	16						
1566732	395774	7082902	-6.4	53.4	9	36.8	77	24						
1566733	395827	7082901	-3	39.7	1	51	76	26						
1566734	395874	7082903	2	18	-2	299	53	18						
1566735	395927	7082901	1	21.6	-1	21	64	22						
1566736	395975	7082903	-4.4	16.9	1	13	39.3	18						
1566737	396024	7082902	-2.1	35	2	27.6	42	15						
1566738	396074	7082901	-2.9	21.9	-5	13.5	33	16						

Soil XRF vs. Lab Assay

Sample_ID	East_NAD83_Z8	North_NAD83_Z8	Au XRF	As XRF	Ag XRF	Pb XRF	Zn XRF	Cu XRF	Au Lab ppb	As Lab ppm	Ag Lab ppm	Pb Lab ppm	Zn Lab ppm	Cu Lab ppm
1566739	396122	7082898	-5	66.1	-8	16.8	48	17						
1566740	396175	7082900	0.3	37.3	-2	13.4	41	19						
1566741	395924	7082802	-4	28.7	4	20.9	43	7						
1566742	395826	7082792	-5	55.8	0	24.8	46	17						
1566743	395736	7082753	-5	12	-4	16.8	45	18						
1566744	395636	7082738	-4	74.1	1	22.3	76	39						
1566745	395534	7082737	-3.6	19.3	-3	14.1	57	19						
1566746	395435	7082730	-2	44	-10	92	167	15						
1566747	395335	7082722	-1.8	28.2	1	48	83	16						
1566748	395289	7082639	-3.2	10.9	-8	14.4	37.2	12						
1566749	395230	7082555	-3.9	15.5	5	17	39	12						
1566750	395202	7082459	1	23.5	2	25.3	61	26						
1566751	398312	7083538	5	261	-7	16.8	53	11	83.10	444.20	0.05	11.70	75.00	21.40
1566752	398294	7083491	0	399	-7	17.7	56	40	183.70	749.40	0.20	12.00	86.00	65.70
1566753	398272	7083446	-3	250	-1	7.4	37.7	32	367.70	405.40	0.30	10.30	63.00	57.20
1566754	398261	7083398	-1	218	-7	10.7	52	34	322.40	318.30	0.30	10.70	70.00	50.30
1566755	398262	7083346	-1	625	-9	9.1	49	46	488.70	1109.90	0.70	14.00	77.00	79.70
1566756	398271	7083297	3	449	3	8.9	31	33	228.30	774.80	0.40	10.70	67.00	56.40
1566757	398296	7083249	6	639	-11	6.2	37	35	700.70	1441.30	0.50	12.90	64.00	61.50
1566758	398323	7083206	2	790	2	12	45	47	598.80	1341.90	0.60	15.30	71.00	73.70
1566759	398361	7083170	11	1069	1	11.2	41	38	911.30	1521.40	0.80	13.30	53.00	65.90
1566760	398401	7083142	7	659	-6	11	46	57	643.90	951.10	0.50	9.60	71.00	67.80
1566761	398410	7083094	3	581	5	31	42	39	236.40	1146.20	0.80	34.40	64.00	62.20
1566762	398408	7083045	1	310	-2	8	49	30	195.80	477.30	0.40	14.10	71.00	49.90
1566763	398381	7083000	13	437	3	21	27	26	620.30	451.90	0.60	14.40	33.00	25.60
1566764	398350	7082960	1	125	-1	11.6	33	25	75.90	260.00	0.20	14.80	43.00	37.60
1566765	398317	7082923	0	106	-2	6.3	24.1	19	61.60	191.20	0.05	10.60	48.00	32.80
1566765	398317	7082923	-2	106	0	4.7	27	13						
1566766	398286	7082884	3	118	-7	10.3	37	22	33.70	180.40	0.05	12.40	61.00	34.10
1566767	398268	7082836	-2	48.5	-1	10.1	32	15	16.10	70.60	0.05	12.60	61.00	31.90
1566768	398236	7082801	-7	58.7	-2	8.5	40	17	10.90	75.60	0.05	10.50	59.00	28.50
1566769	398201	7082768	-4	187	9	5.3	21.8	21	100.80	391.50	0.20	10.20	50.00	55.80
1566770	398154	7082752	0	104	-4	8.1	37	19	17.60	185.80	0.10	10.80	51.00	35.50
1566771	398111	7082722	1	250	-5	9.9	47	25	126.00	409.20	0.20	11.10	59.00	35.10
1566772	398065	7082703	-1	167	1	11.7	29	20	20.00	300.00	0.20	14.40	61.00	43.40
1566773	398021	7082680	-4.7	51	0	11.8	36.1	13	17.30	85.20	0.10	11.60	60.00	19.20
1566774	397978	7082653	-1.1	41.4	-2	13.9	32	14	1.90	66.00	0.05	11.50	46.00	17.90
1566775	397944	7082615	-2.5	34.6	8	12.3	39.9	18	6.60	59.60	0.10	12.00	64.00	27.10
1566776	397911	7082579	-4	108	4	10.9	45	30	31.70	767.80	0.10	10.50	67.00	50.50
1566777	397873	7082551	-4.1	33.5	-2	8.4	30.7	10	28.00	559.80	0.20	8.50	55.00	38.10
1566778	397826	7082528	0	80.9	3	11.4	42	22	16.60	289.80	0.20	10.40	56.00	34.10

Soil XRF vs. Lab Assay

Sample_ID	East_NAD83_Z8	North_NAD83_Z8	Au XRF	As XRF	Ag XRF	Pb XRF	Zn XRF	Cu XRF	Au Lab ppb	As Lab ppm	Ag Lab ppm	Pb Lab ppm	Zn Lab ppm	Cu Lab ppm
1566779	397780	7082508	-2	119	2	12.7	38.2	24	5.20	100.40	0.05	11.70	57.00	21.30
1566780	397745	7082475	-1	109.9	-2	12	37.2	20						
1566781	397697	7082459	-1	136	-2	14	45	22						
1566782	397648	7082460	1	163	7	14.3	31.7	16						
1566783	397636	7082411	3	86.3	0	11.9	38.9	17						
1566784	397639	7082362	-4	88.4	-2	14.5	35.2	19						
1566785	397648	7082312	-4	72.1	-4	9.9	43	20						
1566786	397642	7082263	-5.9	90.2	1	10.9	33.9	16.1						
1566787	397660	7082217	-8	11.1	7	4.2	11	-0.4						
1566788	397704	7082190	-5	50.7	0	14.6	33.6	14						
1566789	397737	7082154	3	401	-7	29	52	30						
1566790	397741	7082105	-4	98	-4	30.4	57	20						
1566791	397715	7082064	1	64	5	24.6	44	15						
1566792	397762	7082088	-2.4	39.5	-4	17	41	11						
1566793	397751	7082039	-2.6	64.4	5	6.1	12.9	-0.8						
1566794	397724	7081999	-3	32.7	6	18.1	35	17						
1566795	397692	7081964	0	47.5	-2	23.5	60	25						
1566796	397665	7081924	-1.6	35.3	6	13.7	53	15						
1566797	397628	7081890	-1.5	7.9	0	29.5	40.6	15						
1566798	397591	7081856	0	20.5	-5	16	64	22						
1566799	397563	7081815	-5.3	14	-2	11.9	41.5	6						
1566800	397557	7081764	-1	61	3	19.2	51	16						
1566801	397522	7081731	-1.9	58.1	-4	15.9	24.3	4.5						
1566802	397471	7081735	-0.9	13.9	-3	9.6	37	19						
1566803	397422	7081722	-0.7	13.6	0	11.9	40.3	14						
1566804	397371	7081724	-1.7	14.8	0	14.8	24.4	7						
1566805	397327	7081748	-3.5	18	-1	17.9	31.3	7.7						
1566806	397280	7081767	-2.1	19.4	-1	14.7	28.4	10						
1566807	397230	7081773	-4	14.6	3	14.6	34.9	7.5						
1566808	397181	7081773	-2.2	13.2	3	13.2	40.5	12						
1566809	397137	7081751	-4	14.2	2	13.1	42.8	9						
1566810	397116	7081708	-3	9.8	6	14.1	35.4	11						
1566811	397085	7081670	-2.8	14.1	2	13.7	52	17						
1566812	397064	7081622	-0.8	36.3	-3	18.2	38.6	10						
1566813	397027	7081580	-4.7	13	6	11	26.7	9						
1566814	396979	7081599	-0.6	8.8	-2	10.3	64	22						
1566814	396979	7081599	-2	14	2	11.3	54	18						
1566815	396927	7081611	3	94	1	15.3	42	17						
1566816	396878	7081598	-1	79.1	-2	26	50	15						
1566817	396828	7081588	-3	63.7	-1	24.4	93	13						
1566818	396774	7081575	-1	30.9	-1	15.8	81	20						

Soil XRF vs. Lab Assay

Sample_ID	East_NAD83_Z8	North_NAD83_Z8	Au XRF	As XRF	Ag XRF	Pb XRF	Zn XRF	Cu XRF	Au Lab ppb	As Lab ppm	Ag Lab ppm	Pb Lab ppm	Zn Lab ppm	Cu Lab ppm
1566819	396722	7081571	-2.2	44.7	-2	17.8	63	11						
1566820	396672	7081586	-2.7	60.9	0	20.5	42.6	15						
1566821	392373	7079773	-4.1	18.6	2	15.7	39.3	5						
1566822	392389	7079725	-1.9	38.9	-2	13.1	44.9	16						
1566823	392407	7079679	-3.3	38.6	-4	10.8	36.2	12						
1566824	392429	7079633	-5.5	12	1	14.9	41	22						
1566825	397545	7079375	-4.1	13.8	3	12.3	33.7	2.4						
1566826	397525	7079423	-1.7	9.3	3	22.2	36	18						
1566827	397425	7079539	-6.3	11.1	3	17.5	38.5	5.8						
1566828	397394	7079579	-2.6	10.1	1	14.6	44.6	11						
1566829	397351	7079607	-3.1	13	-1	17.8	40.9	9						
1566830	397307	7079634	-3.9	10.6	-4	16.1	44.3	16						
1566831	397254	7079642	-1.9	10.8	-3	14	36.8	10						
1566832	397207	7079659	-3.7	11.1	-2	11.2	29.7	6.5						
1566833	397159	7079678	-0.3	19.4	-2	20.1	61	12						
1566834	397114	7079702	-2	27.7	-2	16.2	61	23						
1566835	397069	7079728	-3.7	30.6	-6	32.4	111	9						
1566836	397027	7079756	-3.2	16.9	0	16.1	39.7	11						
1566837	396986	7079790	-3.6	19.3	8	12.5	47	16						
1566838	396943	7079816	0.4	10.3	2	12.5	41	18						
1566839	396905	7079850	1	20.8	1	18.2	62	10						
1566840	396855	7079853	0.3	24.3	5	21.7	49	14						
1566841	396808	7079881	-1	26	-4	42	83	24						
1566842	396761	7079906	-0.5	18.5	-2	17.6	46.8	17						
1566843	396713	7079908	-3.8	16.1	5	15	57	9						
1566844	396662	7079912	-1	49.6	3	13.2	57	20						
1566845	396611	7079914	0	60.5	-3	12.8	66	24						
1566846	396561	7079922	4.3	16.2	-3	15.2	46	14						
1566847	396511	7079913	-5.8	22.7	7	21.8	68	13						
1566848	396462	7079937	-0.1	15.6	9	16.3	50	17						
1566849	396413	7079953	-3.7	16.8	-3	14.8	51	14						
1566850	396365	7079967	-5.5	20.3	9	16.7	46	15						
1566851	396316	7079957	-5.7	20.9	2	19.6	73	19						
1566852	396268	7079943	0.7	19.3	-4	23.5	52	14						
1566853	396221	7079931	-1.8	19.1	1	23.9	47	15						
1566854	396173	7079913	-1.6	24.5	7	20.4	61	12						
1566855	396127	7079891	-2.9	18.2	2	23.1	56	15						
1566856	396074	7079896	-1.1	15.4	0	22.4	66	16						
1566857	396023	7079895	0.1	12.3	-5	29.4	53	12						
1566858	395974	7079884	-2.4	10.3	0	10.6	27	6						
1566859	395920	7079891	-1.5	14.2	-7	22.4	55	17						

Soil XRF vs. Lab Assay

Sample_ID	East_NAD83_Z8	North_NAD83_Z8	Au XRF	As XRF	Ag XRF	Pb XRF	Zn XRF	Cu XRF	Au Lab ppb	As Lab ppm	Ag Lab ppm	Pb Lab ppm	Zn Lab ppm	Cu Lab ppm
1566860	395868	7079899	-2.1	13.3	1	22.7	55	13						
1566861	395817	7079895	-2.4	16.8	-3	19.7	51	16						
1566862	395767	7079906	-4.6	15.1	1	15.2	39.7	12						
1566863	395717	7079915	1	18.8	-4	25.6	50	15						
1566864	395689	7079961	0.9	9.3	-4	21.6	37	7						
1566865	395657	7080000	-1.7	26.8	3	10.5	43	12						
1566866	395618	7080029	-4	51	0	92	98	20						
1566867	395586	7080069	-0.3	31.6	2	24.8	49	8						
1566868	395556	7080110	-3	124	-5	84	78	14						
1566869	395533	7080157	-2.4	25.8	6	15.5	45	15						
1566870	395507	7080200	-2.5	23.4	0	20	56	16						
1566871	395473	7080241	-2.1	30.5	0	13	54	16						
1566872	395469	7080292	0	31.2	-3	11.3	44	14						
1566873	395466	7080343	-0.5	28.8	-1	14.3	44.1	11						
1566874	395461	7080395	-1	86	-3	18.3	75	19						
1566875	397420	7083687	-2.3	112.4	2	4	21.7	3.6						
1566876	397398	7083731	-1	405	2	7.6	44	26						
1566877	397354	7083709	1	243	6	6.3	29.8	17						
1566878	397318	7083673	2	156	-3	6.1	33.9	22						
1566879	397278	7083643	-0.2	40.9	-5	7.3	30	8.5						
1566880	397227	7083632	-4.4	51.7	0	7	44	29	16.20	80.40	0.05	11.20	52.00	31.60
1566881	397179	7083617	0	60.1	7	8.6	41	26	6.70	84.10	0.10	7.30	55.00	34.80
1566882	397129	7083607	1	92.4	0	7.7	35.1	27	19.70	137.80	0.10	10.60	52.00	40.20
1566883	397085	7083585	-3.7	74.7	8	6.3	32.4	17	10.20	89.90	0.05	10.60	38.00	21.60
1566884	397040	7083557	5	95.4	3	8.1	35	15	7.70	172.00	0.05	9.60	52.00	25.70
1566885	396999	7083530	7	467	11	8.7	25	22	31.40	425.70	0.05	11.10	56.00	30.90
1566886	396963	7083495	-3	403	-1	9.6	54	31	116.30	547.20	0.10	11.30	62.00	40.00
1566887	396920	7083467	-3	113.3	7	12.1	40.2	14	0.25	230.90	0.20	23.90	50.00	28.40
1566888	396868	7083466	0	188	-8	11.6	48	25	27.50	213.90	0.05	10.50	57.00	27.60
1566889	396817	7083467	-1	278	-3	9.4	48	27	16.10	366.20	0.10	10.50	60.00	35.30
1566890	396766	7083474	3	218	-5	8.9	43	40	36.50	322.00	0.20	14.60	56.00	52.80
1566891	396715	7083483	-0.4	52.9	1	13.3	46	22	3.20	129.50	0.05	11.90	61.00	35.10
1566892	396663	7083474	2	47.9	-1	13.1	41.8	14	9.80	72.90	0.05	12.60	65.00	23.90
1566893	396613	7083465	-3.7	64	0	8.3	31.7	14	6.10	107.00	0.05	12.90	52.00	24.60
1566894	396574	7083434	-4.5	14.7	2	4.9	15.5	6	1.90	29.50	0.10	11.40	29.00	15.50
1566894	396574	7083434	-3	13.6	9	4.6	15	4						
1566895	396557	7083385	-6	64	-3	13.9	66	93	9.50	91.60	0.20	24.20	93.00	94.30
1566896	396546	7083336	-3	45.8	-6	25.2	55	47	2.60	70.00	0.50	37.50	74.00	72.30
1566897	396521	7083292	-4.4	17.3	4	13.3	41.8	17	1.70	37.00	0.10	20.20	60.00	30.20
1566898	396506	7083242	-3	112	1	23	32	12	9.40	200.40	1.30	38.10	57.00	24.20
1566899	396487	7083196	1	48.7	-4	12.6	45	21	9.50	53.80	0.20	15.40	57.00	23.00

Soil XRF vs. Lab Assay

Sample_ID	East_NAD83_Z8	North_NAD83_Z8	Au XRF	As XRF	Ag XRF	Pb XRF	Zn XRF	Cu XRF	Au Lab ppb	As Lab ppm	Ag Lab ppm	Pb Lab ppm	Zn Lab ppm	Cu Lab ppm
1566900	396464	7083151	2	121	4	14.6	51	15	4.80	162.80	0.30	17.80	57.00	16.00
1566901	396435	7083109	0	113	3	20.5	49	16	10.40	140.60	0.30	20.60	54.00	20.70
1566902	396396	7083075	-1.5	51.4	-3	20.4	34	9	5.90	95.20	0.30	23.80	41.00	16.90
1566903	396353	7083050	-4	98	1	25.8	37	18						
1566904	396311	7083023	0.5	42.9	-3	24.7	40.6	12						
1566905	396274	7082988	-0.7	24.5	-1	15.8	45	20						
1566906	396248	7082945	6	226	3	15.3	49	23						
1566908	396187	7082866	-2	110	-9	32.2	63	30						
1566909	396172	7082818	-3	44.3	-9	24.6	31	11						
1566910	396155	7082771	-4	60.7	-3	30.9	80	14						
1566911	396130	7082725	-3	68.1	-3	19.8	55	28						
1566912	396142	7082673	-2	73	5	21.4	67	17						
1566913	396139	7082623	-5.1	15.7	0	7.9	14.4	9						
1566914	396147	7082571	-0.7	24.2	1	19.7	57	17						
1566915	396173	7082530	-3.9	13.4	-6	10.5	35.3	8						
1566916	396212	7082496	-1.4	26.2	-3	20	54	22						
1566917	396250	7082465	-0.5	22.6	6	66	124	13						
1566918	396299	7082449	-4.5	27.4	4	19.3	51	18						
1566919	396345	7082428	2	120.7	8	11.6	25.5	7.9						
1566920	396388	7082402	-0.6	22.2	-6	13.4	41.8	17						
1566921	396575	7083400	-2.7	46.7	-4	12.1	53	28	0.25	55.00	0.10	12.60	64.00	39.50
1566922	396626	7083400	-3.6	41.3	-1	8.3	37.5	19	15.60	57.40	0.20	11.90	43.00	25.60
1566923	396676	7083400	-2.2	60.3	-3	8	43.2	33	4.60	80.50	0.10	11.20	56.00	49.00
1566924	396726	7083400	-1	81	5	8.9	49	44	12.20	139.80	0.10	11.70	64.00	58.00
1566925	396775	7083400	-4	230	-3	16.2	74	57	14.60	295.30	0.10	17.20	77.00	63.60
1566926	396825	7083400	-1	231	-3	8.3	42	37	19.00	391.40	0.30	14.10	76.00	70.20
1566927	396876	7083400	-3	220	-2	14.2	56	36	34.70	297.80	0.30	15.70	67.00	44.20
1566928	396927	7083400	-6	339	-6	10.6	55	34	31.10	411.50	0.20	10.60	60.00	39.80
1566929	396974	7083401	1	238	3	6.7	35.9	18	27.30	439.20	0.20	12.00	57.00	33.00
1566930	397025	7083401	-5	567	-2	16.2	62	30	306.10	852.10	0.30	19.60	89.00	49.50
1566931	397076	7083400	-4	390	-5	26.8	56	26	46.80	380.10	0.20	13.20	54.00	32.80
1566932	397126	7083401	-3	280	6	8.1	35.4	32	28.80	549.90	0.30	10.70	77.00	73.70
1566933	397149	7083396	-1	305	4	8.8	44	30	33.80	400.20	0.20	7.80	52.00	42.70
1566934	397175	7083401	5	686	0	13.6	63	39	43.80	698.80	0.20	13.60	73.00	45.90
1566935	397226	7083398	-5	659	-1	14.9	58	28	54.60	894.20	0.20	19.00	71.00	43.10
1566936	397275	7083399	6	504	-2	14	51	26	26.20	554.30	0.10	12.80	50.00	25.00
1566937	397325	7083400	-1	232	6	13.3	26.5	18	28.50	321.50	0.20	10.20	38.00	19.00
1566938	397375	7083402	-2	620	4	12.9	57	22	44.90	895.80	0.10	19.30	83.00	43.00
1566939	397401	7083407	5	323	-4	11.3	51	22	37.40	395.60	0.10	9.60	63.00	32.60
1566940	397425	7083400	0	162	1	11.1	44.5	17	9.60	217.30	0.05	11.10	52.00	20.60
1566941	397476	7083399	4	408	-7	12.6	48	23	34.60	550.00	0.20	12.80	70.00	31.90

Soil XRF vs. Lab Assay

Sample_ID	East_NAD83_Z8	North_NAD83_Z8	Au XRF	As XRF	Ag XRF	Pb XRF	Zn XRF	Cu XRF	Au Lab ppb	As Lab ppm	Ag Lab ppm	Pb Lab ppm	Zn Lab ppm	Cu Lab ppm
1566942	397502	7083348	-5	698	0	11.5	62	23	155.60	982.30	0.50	12.80	73.00	38.40
1566943	397450	7083351	1	539	2	9.1	50	21	29.70	670.60	0.20	10.80	61.00	29.20
1566944	397398	7083352	-5	543	6	8.9	43	26	71.90	699.30	0.30	10.10	57.00	36.70
1566945	397352	7083350	-4	257	7	9.3	31.6	10	20.40	349.70	0.10	10.20	37.00	18.30
1566946	397300	7083350	-7	530	-2	10.6	45	35	49.60	715.90	0.30	9.80	56.00	43.30
1566947	397251	7083350	-7	594	0	12.6	46	25	66.40	619.50	0.20	10.50	54.00	34.40
1566948	397201	7083353	-2	462	-1	14.4	45	23	51.00	573.40	0.30	18.20	55.00	30.40
1566949	397152	7083351	-9	358	-3	8	48	41	28.50	465.90	0.20	10.20	64.00	52.00
1566950	397098	7083348	3	463	3	15.6	64	41	48.80	658.60	0.20	19.20	80.00	55.00
1567004	396250	7078650	0	274	0	12.9	30.9	18	59.80	442.30	0.40	14.80	57.00	28.50
1567005	396297	7078651	-2	231	5	13	32.2	13	9.80	326.30	0.05	12.70	43.00	16.30
1567006	396350	7078651	-4.5	56.3	3	8.9	26.8	10	9.70	94.80	0.10	9.70	37.00	14.80
1567007	396399	7078649	-5.8	39.6	6	8.4	38.6	4.1	9.00	89.50	1.10	16.20	93.00	23.40
1567008	396449	7078645	-1	313	-6	16.8	60	19	3.80	402.20	0.05	14.30	71.00	19.00
1567009	396500	7078650	-1	127	2	15.7	44	15	14.90	183.40	0.10	13.20	66.00	23.80
1567010	396551	7078652	-4.9	38.9	7	13.4	39.4	15	11.40	48.50	0.05	12.00	46.00	21.40
1567011	396597	7078652	-7.6	39	2	11.9	43	12	8.90	45.60	0.10	8.80	51.00	19.90
1567012	396651	7078651	-2.9	9.7	2	12.7	24.4	16	5.60	21.00	0.40	17.30	35.00	36.30
1567013	396699	7078652	-3	37.7	-4	12.7	48	20	10.50	44.30	0.20	12.30	73.00	26.90
1567014	396748	7078646	-4	64.8	-4	10.6	56	22	13.00	57.10	0.20	12.00	73.00	26.70
1567015	396798	7078649	0.1	18.3	5	12.2	36.3	10	4.20	37.90	1.20	15.80	46.00	13.00
1567016	396849	7078649	-2.7	2.9	1	7.3	20.3	15.6	10.00	12.90	0.40	14.50	36.00	38.80
1567016	396849	7078649	-8	4.1	5	4.1	11.2	9.4						
1567017	396896	7078650	0.7	19.1	-2	12.2	42.4	16	17.10	24.90	0.05	9.30	54.00	18.20
1567018	396951	7078651	-1.3	13.5	6	13.8	45	18	7.50	17.90	0.05	10.60	53.00	19.30
1567019	397002	7078647	-5.1	6.4	12	7.9	36.1	14.6	6.20	10.60	0.20	11.70	49.00	32.10
1567019	397002	7078647	-3	8.5	-4	10.6	35.4	22						
1567020	397051	7078651	-1.3	9.6	2	9.5	34.6	9	3.10	10.50	0.05	7.70	45.00	13.20
1567021	397101	7078647	-2.2	6	2	9.8	30.4	10.3	6.80	9.80	0.20	7.60	44.00	13.90
1567022	397151	7078651	-1.2	19.2	3	7.3	38.6	23	15.40	30.50	0.20	9.50	57.00	27.40
1567023	397204	7078650	-7.6	17.4	-2	9.5	41.5	17	7.60	26.70	0.10	11.10	64.00	22.90
1567024	397251	7078650	-2.1	27.4	-2	13.9	43	30	11.60	28.80	0.40	14.40	53.00	36.80
1567025	396527	7083500	0	192	-1	9.7	85	36	32.40	407.10	0.20	18.30	142.00	70.50
1567026	396474	7083501	-0.7	12.2	0	9.5	28.6	12	2.70	24.90	0.10	13.50	48.00	21.30
1567027	396424	7083498	-2	70.1	-1	21.1	76	17	3.50	64.80	0.10	15.10	65.00	20.30
1567028	396375	7083499	-1	229	3	20.5	61	35	54.50	478.20	0.30	25.90	103.00	51.30
1567029	396325	7083500	-4	81.7	7	8.9	34.9	13.5	18.00	232.70	0.40	24.20	82.00	39.10
1567030	396275	7083500	-4.5	73.6	-3	11.4	33.1	10.9	6.30	226.70	0.50	26.40	85.00	43.20
1567031	396225	7083500	1.3	100	3	15	42.8	23	16.80	239.50	0.40	28.10	85.00	50.30
1567032	396170	7083499	-3	74.2	-1	17.7	52	36	11.80	151.20	0.40	25.80	92.00	74.30
1567033	396124	7083499	-7	191	3	18.3	57	24	8.20	245.30	0.70	50.90	64.00	36.70

Soil XRF vs. Lab Assay

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1567034	396077	7083502	-2	1655	-2	360	379	38	84.40	3093.30	3.70	795.80	707.00	64.70
1567035	396024	7083496	-14	1007	2	679	147	69	36.10	1689.10	5.60	1302.40	245.00	118.10
1567036	395976	7083504	-17	904	-9	400	184	68	30.30	1811.40	5.50	1293.80	297.00	136.70
1567037	395925	7083502	-3	467	-6	169	72	41	37.80	1120.00	2.80	487.40	126.00	79.00
1567038	395877	7083501	-69	2478	-1	2827	356	50	46.80	1437.70	6.60	1270.80	503.00	103.90
1567039	395827	7083498	9	1054	3	767	110	36	18.40	1812.60	4.40	748.90	165.00	55.40
1567040	395777	7083499	-9	2100	-2	621	218	55	69.80	2436.10	5.20	1755.10	323.00	95.40
1567041	395724	7083497	3	769	2	750	200	46	43.50	1381.50	6.10	1119.10	364.00	93.50
1567042	395699	7083598	-11	357	2	47	119	51	21.70	669.30	1.80	145.30	203.00	102.20
1567043	395751	7083601	-27	3329	-2	415	222	54	217.20	5461.30	10.20	815.20	379.00	92.50
1567044	395799	7083597	2	1215	1	197	147	44	18.00	1700.30	3.30	356.20	184.00	49.70
1567045	395850	7083600	-1	174	5	43.3	41.5	16	14.10	610.60	3.90	242.30	104.00	38.60
1567046	395899	7083599	-7	340	2	89	81	22	19.30	902.30	1.60	251.30	197.00	53.60
1567047	395950	7083600	8	267	8	75	49.7	19.7	20.20	778.40	2.00	161.20	100.00	58.10
1567047	395950	7083600	2	241	4	64.9	39.9	21						
1567048	395998	7083597	5	891	3	612	161	79	35.80	1435.80	4.90	1132.50	300.00	145.40
1567049	396050	7083602	-3	947	-1	255	209	45	45.90	1754.30	2.50	549.90	353.00	76.70
1567050	396099	7083598	-2	100.3	3	17.3	46	24	27.90	249.40	1.30	45.10	102.00	73.70
1567051	396151	7083599	-5	177	-5	10.8	47.3	16	10.60	319.70	0.30	21.10	86.00	32.70
1567052	396200	7083600	13	773	0	38.7	71	32	19.80	1117.90	0.60	50.10	100.00	40.80
1567052	396200	7083600	15	657	-1	28.8	64	35						
1567053	396249	7083604	-4	244	11	17.1	24.5	11	10.80	621.00	0.80	52.90	48.00	24.50
1567054	396302	7083600	-1	285	5	22.1	32.9	15.3	21.30	937.90	2.00	69.30	97.00	59.70
1567054	396302	7083600	-2	277	7	24.2	35.6	11.9						
1567055	396349	7083600	0	151.5	0	10.7	31.8	11.5	12.20	440.10	0.50	26.30	67.00	36.30
1567056	396398	7083603	-1.4	40.2	2	6.4	34.4	7	6.90	88.10	0.20	11.80	43.00	18.30
1567057	396448	7083601	1	123.9	7	12.8	46.7	21	16.90	302.20	0.80	28.10	89.00	42.80
1567058	396499	7083599	1	79.1	3	12.4	49	14	20.00	150.70	0.05	14.70	66.00	26.00
1567059	396554	7083606	8	271	3	12.6	45.4	27	51.40	650.60	0.50	22.30	81.00	60.50
1567060	392451	7079592	-3.4	11	2	12.8	35.8	12						
1567061	392488	7079559	-2.8	8.4	5	16.5	38	13						
1567062	392527	7079525	-2.6	9.7	6	21.7	50	7						
1567063	392557	7079484	-2.8	6.8	-4	13.3	38.8	12						
1567064	392586	7079443	-2	8.4	1	13.1	42	24						
1567065	392611	7079399	-2.7	15.4	-3	14.4	50	16						
1567066	392644	7079361	-3.3	14.3	-4	9.2	40	12						
1567067	392692	7079347	-1.3	18.7	0	16	39.6	19						
1567068	392742	7079341	2.1	18	3	21.5	64	22						
1567069	392793	7079344	0.6	11.6	0	15	47	20						
1567070	392842	7079349	-2.2	8.6	-2	12.6	33.5	9						
1567071	392895	7079348	1.9	13.7	3	16.3	63	23						

Soil XRF vs. Lab Assay

Sample_ID	East_NAD83_Z8	North_NAD83_Z8	Au XRF	As XRF	Ag XRF	Pb XRF	Zn XRF	Cu XRF	Au Lab ppb	As Lab ppm	Ag Lab ppm	Pb Lab ppm	Zn Lab ppm	Cu Lab ppm
1567072	392942	7079351	0.4	45.5	2	14.9	43.4	19						
1567073	392993	7079351	0.9	11.7	5	9.3	36	9						
1567074	393042	7079354	-2	15.3	7	13.3	44	21						
1567075	393092	7079360	-1.7	14.9	-4	14.9	41.1	16						
1567076	393142	7079369	-1.8	16.5	-7	18.2	48	20						
1567077	393190	7079378	-3	13.3	-1	11.1	25.7	9						
1567078	393240	7079388	-3.1	24.9	-4	17.5	45.3	16						
1567079	393291	7079393	-2	15.6	4	7.8	35	13						
1567080	393342	7079392	-2.6	40.2	0	15.8	40.6	20						
1567081	393393	7079392	-3.9	10.2	-2	10.7	28.7	5						
1567082	393444	7079407	-4.8	8	-1	6	41.2	8						
1567083	393491	7079429	-1.9	20.7	3	11.8	51	24						
1567084	393522	7079495	-0.1	17.1	4	12.4	38	14						
1567151	395159	7082369	0	29.6	-2	19.9	50	19						
1567152	395115	7082277	-1	29.2	-4	69	186	35						
1567153	395077	7082271	-3	73	5	45	93	15						
1567154	394978	7082270	-1.6	6	6	16.9	33	7.9						
1567155	394909	7082196	-1.7	32.5	5	17.9	56	14						
1567156	394947	7082102	-5.1	21.9	-4	23.4	57	21						
1567157	394971	7082003	0.3	27.4	5	27.5	52	24						
1567158	395008	7081910	-1.4	11.5	3	17.4	44	21						
1567159	395033	7081812	-7.4	12.5	-5	17.8	61	29						
1567160	395077	7081723	-1	220	3	19.1	53	22						
1567160	395077	7081723	4	226	2	19.1	49	22						
1567161	395105	7081627	-1	10.2	-5	14.1	37.6	10						
1567162	397250	7078798	-4.1	12.4	3	8.7	24.3	7.8	7.80	19.40	0.30	12.10	36.00	15.00
1567163	397203	7078804	-4.6	16.4	-1	10.5	38.6	16	10.10	19.60	0.20	12.60	51.00	20.40
1567164	397150	7078800	-1.3	15.4	-7	10.6	35.4	14	8.00	16.30	0.10	11.50	52.00	17.50
1567165	397098	7078802	-1.6	12.1	2	9.5	45	13	9.10	13.50	0.10	10.70	60.00	16.70
1567166	397048	7078799	-6	13.3	2	7	39.4	11	8.30	11.80	0.10	9.20	58.00	18.00
1567167	396996	7078802	-5.5	9.4	4	5.8	27.4	0.8	6.90	9.70	0.05	8.80	44.00	12.00
1567168	396950	7078801	-2.8	8.4	-5	12.2	41	10	13.90	10.10	0.05	10.50	54.00	15.10
1567169	396903	7078801	-5.4	12.7	2	12.6	63	20	37.90	11.70	0.10	10.40	77.00	29.20
1567170	396654	7078750	-4.7	61.5	-1	14	44	26	16.40	80.20	0.05	11.90	62.00	27.80
1567171	396701	7078749	-2.1	39.4	3	12.6	50	24	12.00	37.10	0.05	10.20	60.00	22.70
1567172	396750	7078750	-0.6	29.7	-4	12.5	45.4	14	7.00	52.80	0.10	10.50	66.00	22.70
1567173	396801	7078752	1	56.8	-9	13.7	64	14	13.30	47.10	0.10	11.50	75.00	24.50
1567174	396850	7078749	-2.3	13.8	2	10.9	34.4	16	24.30	20.00	0.05	12.60	55.00	21.80
1567175	396903	7078747	-4.3	9.9	5	9.9	41	14	17.20	11.50	0.05	9.10	57.00	18.80
1567176	396950	7078750	0.1	12.8	-4	9.7	37.4	9	7.90	10.90	0.05	6.90	42.00	10.60
1567177	397001	7078752	-3.4	5.7	-1	5.5	27.2	6.5	5.20	6.50	0.05	9.60	34.00	9.70

Soil XRF vs. Lab Assay

Sample_ID	East_NAD83_Z8	North_NAD83_Z8	Au XRF	As XRF	Ag XRF	Pb XRF	Zn XRF	Cu XRF	Au Lab ppb	As Lab ppm	Ag Lab ppm	Pb Lab ppm	Zn Lab ppm	Cu Lab ppm
1567178	397050	7078751	-3.7	11.4	-5	11.1	41.3	13	5.70	13.00	0.05	9.20	58.00	19.00
1567179	397099	7078754	-0.8	7.2	1	9.2	38.6	9	9.20	10.80	0.10	8.90	52.00	14.70
1567180	397151	7078750	-3.9	12.6	3	8.8	36.8	9	8.30	16.40	0.05	10.40	49.00	18.00
1567181	397200	7078749	-3.2	28.9	0	10.8	35.6	23	39.90	62.10	0.40	13.80	60.00	47.30
1567182	397250	7078750	-3.8	36.4	-3	11.7	43	20	17.20	45.80	0.30	13.80	57.00	28.30
1567183	397251	7078701	-6.4	19.8	7	12.3	29.8	17.3	22.40	47.00	3.40	27.30	66.00	39.20
1567184	397199	7078698	-1.1	26.2	-1	15.3	46	20	20.60	38.00	0.30	12.70	62.00	31.40
1567185	397152	7078698	-3	17	7	7.9	38.5	8	7.90	20.10	0.10	10.60	58.00	21.40
1567186	397100	7078702	-7.4	5.1	6	4.2	22.5	6.9	10.10	9.30	0.50	7.70	32.00	17.80
1567187	397048	7078702	-3	8.3	-4	11	44	13	4.30	10.80	0.10	8.10	58.00	18.40
1567188	397001	7078701	-2.4	9.7	-1	15.8	47	19	8.80	10.10	0.05	10.60	53.00	17.40
1567189	396948	7078701	-3.8	9	-1	11.9	32.9	12	14.20	14.10	0.05	10.00	44.00	16.10
1567190	396900	7078704	-2.5	10.5	1	7.4	37.8	14	10.70	13.60	0.05	8.80	48.00	15.80
1567191	396851	7078702	-5.2	12.4	11	11.3	33.9	15	17.60	16.70	0.20	10.70	47.00	16.70
1567192	396798	7078704	-4.1	21.4	-11	10.9	31.9	14	12.50	42.60	0.10	13.60	69.00	25.20
1567193	396752	7078703	-4.7	38.8	1	11.9	63	20	7.60	54.50	0.10	15.90	89.00	28.30
1567194	396702	7078701	-2.1	38.2	7	15	46	17	6.70	40.10	0.20	15.30	59.00	28.90
1567195	396653	7078701	-2.7	33.7	0	13.5	50	11	12.20	52.10	0.20	12.00	64.00	23.10
1567196	396601	7078700	-3.2	42.5	4	8.9	29.1	28	16.20	81.60	0.40	12.50	51.00	32.90
1567197	396552	7078703	-2.9	12.9	-5	11.7	50	14	13.20	19.00	0.10	10.40	67.00	22.10
1567198	396498	7078702	-1.4	44	-3	12.4	38.5	16	8.60	56.10	0.10	11.90	56.00	22.00
1567199	396453	7078705	-2	54.1	4	20.2	109	19	1469.00	70.00	0.80	20.20	136.00	23.00
1567200	396399	7078703	-2.3	30.9	0	8.6	43.4	14.3	13.20	65.10	1.20	16.10	69.00	31.40
1567203	393473	7084097	-2.5	21.4	1	22.6	52	22						
1567204	393436	7084062	-2.8	10.6	-1	16.5	42	21						
1567205	393403	7084023	-2.3	11	-4	20.5	51	23						
1567206	393367	7083988	-4.3	13	3	15.4	49	20						
1567207	393330	7083952	-3.3	25	-1	16.9	49	24						
1567208	393289	7083921	-2.3	9	-4	16.9	45	21						
1567209	393255	7083883	-2.2	10.4	0	18.1	53	25						
1567210	393217	7083848	-1.6	9.1	-3	17.8	48	21						
1567211	393182	7083814	-1.5	7.3	0	14.8	40.1	11						
1567212	393138	7083784	-1.3	10	-3	11.2	49	35						
1567213	393095	7083751	-3.4	7.5	0	9.1	35.2	12						
1567214	393059	7083716	-3.7	6.6	4	8.7	27.5	5						
1567215	393019	7083685	-1.9	6.6	-5	12.1	35.2	11						
1567216	392983	7083648	-1	8	-3	7.3	44	16						
1567217	392938	7083615	-1	6.2	3	9	30.2	9						
1567219	392885	7083575	-2.9	5.1	2	12.2	27.7	9						
1567220	392838	7083556	-3	6.3	-5	8.9	43.4	15						
1567221	392794	7083531	-2	4	-2	16	80	32						

Soil XRF vs. Lab Assay

Sample_ID	East_NAD83_Z8	North_NAD83_Z8	Au XRF	As XRF	Ag XRF	Pb XRF	Zn XRF	Cu XRF	Au Lab ppb	As Lab ppm	Ag Lab ppm	Pb Lab ppm	Zn Lab ppm	Cu Lab ppm
1567222	392705	7083470	-2.1	8.3	0	9.4	40	18						
1567223	392553	7083374	-6.6	11.4	4	10	36.8	5.2						
1567224	392511	7083283	-3.2	7	5	10.5	33.1	9						
1567225	392483	7083188	-0.9	7.1	5	9.6	37.4	12						
1567226	392385	7083169	-1.3	49.6	-5	16.2	50	14						
1567227	392327	7083087	-2.9	11.9	0	23.8	64	15						
1567228	392269	7083003	-4.9	3.7	5	8.1	15.2	3.7						
1567229	392203	7082928	3.3	10.2	2	13.9	56	25						
1567230	392160	7082837	-7.1	8.5	2	11.3	45	14						
1567231	392120	7082745	0.3	4.7	6	13.9	39	16						
1567232	392058	7082666	-2	9.6	1	9.6	33.1	11						
1566827A	397493	7079464	-3.2	20.3	0	18.7	52	12						
1566828A	397453	7079495	-1.5	7.4	1	16	39.5	5						