

Assessment Report on the Clear Creek Claims

Geological and Geochemical Exploration Program- 2015

Located in the Dawson Mining District
7081990N, 398020E (NAD 83, UTM Zone 8N)
NTS Map Sheet: 115P14
Yukon Territory

Registered owner: StrataGold Corporation
584-1055 Dunsmuir Street
PO Box 49215
Vancouver, BC V7X 1K8

ADN: 858, 859 (YD85358, 85359), 922 - 929 (YD85423 - 85429), 970 - 977 (YD85470 - 85477), 1002 (YD85502), 1004, 1005 (YD83888, 83889)
Rain: 1 (YA31503), 2 (YA31510), 3 (YA31504), 4 (YA31511), 5 (YA31505), 6 (YA31512), 7 (YA31506), 8 (YA31513), 25 (YA31522), 26 (YA31530), 27 (YA31523), 28 (YA31531)
Rum: 1 - 16 (YA88956 - 88971), 31 - 33 (YA88986 - 88988), 35 (YA88990), 38 (YA88993), 51, 52 (YA89345, 89346), 79 (YA89373)
Sleet: 7 - 24 (YB04262 - 04279), 33 - 39 (YB04280 - 04286), 41 (YB04288), 43 (YB04290), 45 (YB04292), 47 (YB04294), 59 (YB04306), 61 (YB04307), 68 (YB04313), 93 (YB04436), 122 (YB04325),
Wet: 1 (YB45604), 10 (YBYB45613), 12 (YB45615), 14 (YB45617), 16 (YB45619), 18 (YB45621)
Wind: 10 (ya31863)
Zoe: 22 - 33 (YD60102 - 60113), 39 - 55 (YD60119 - 60135), 60 - 150 (YD60140 - 60230), 154 (YD60234), 156 - 160 (YD60236 - 60240)

Date work performed: June-July 2015

Prepared by: Paul D. Gray, P.Geo, Exploration Manager, Victoria Gold Corp.
Helena Kuikka, B.Sc., G.I.T., Victoria Gold Corp.



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A. Introduction

The Clear Creek project is located 115km east-southeast of Dawson City and 65km northwest of the Village of Mayo. The 2015 exploration season at Clear Creek commenced in late June and consisted of a two week field program comprising of geochemical rock and soil sampling, mapping, and historic core re-logging. Data collected during the program include 504 soil samples, 52 rock chip samples, and an analysis of the previous diamond drill core. All soil samples were assayed on site via XRF machine, 240 soil samples were also selected for 36-element ICP-MS at Bureau Veritas labs along with all the rock chip samples.

i) Location



Figure 1: Property Location

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ii) Claims

Table 1: Claims Being Renewed

Grant Number	Claim Name	Claim Number	Claim Owner
YD85358	ADN	858	StrataGold Corporation - 100%
YD85359	ADN	859	StrataGold Corporation - 100%
YD85422	ADN	922	StrataGold Corporation - 100%
YD85423	ADN	923	StrataGold Corporation - 100%
YD85424	ADN	924	StrataGold Corporation - 100%
YD85425	ADN	925	StrataGold Corporation - 100%
YD85426	ADN	926	StrataGold Corporation - 100%
YD85427	ADN	927	StrataGold Corporation - 100%
YD85428	ADN	928	StrataGold Corporation - 100%
YD85429	ADN	929	StrataGold Corporation - 100%
YD85470	ADN	970	StrataGold Corporation - 100%
YD85471	ADN	971	StrataGold Corporation - 100%
YD85472	ADN	972	StrataGold Corporation - 100%
YD85473	ADN	973	StrataGold Corporation - 100%
YD85474	ADN	974	StrataGold Corporation - 100%
YD85475	ADN	975	StrataGold Corporation - 100%
YD85476	ADN	976	StrataGold Corporation - 100%
YD85477	ADN	977	StrataGold Corporation - 100%
YD85502	ADN	1002	StrataGold Corporation - 100%
YD83888	ADN	1004	StrataGold Corporation - 100%
YD83889	ADN	1005	StrataGold Corporation - 100%
YA31503	Rain	1	StrataGold Corporation - 100%
YA31510	Rain	2	StrataGold Corporation - 100%
YA31504	Rain	3	StrataGold Corporation - 100%
YA31511	Rain	4	StrataGold Corporation - 100%
YA31505	Rain	5	StrataGold Corporation - 100%
YA31512	Rain	6	StrataGold Corporation - 100%
YA31506	Rain	7	StrataGold Corporation - 100%
YA31513	Rain	8	StrataGold Corporation - 100%
YA31522	Rain	25	StrataGold Corporation - 100%
YA31530	Rain	26	StrataGold Corporation - 100%
YA31523	Rain	27	StrataGold Corporation - 100%
YA31531	Rain	28	StrataGold Corporation - 100%
YA88956	Rum	1	StrataGold Corporation - 100%

Grant Number	Claim Name	Claim Number	Claim Owner
YD60122	Zoe	42	StrataGold Corporation - 100%
YD60123	Zoe	43	StrataGold Corporation - 100%
YD60124	Zoe	44	StrataGold Corporation - 100%
YD60125	Zoe	45	StrataGold Corporation - 100%
YD60126	Zoe	46	StrataGold Corporation - 100%
YD60127	Zoe	47	StrataGold Corporation - 100%
YD60128	Zoe	48	StrataGold Corporation - 100%
YD60129	Zoe	49	StrataGold Corporation - 100%
YD60130	Zoe	50	StrataGold Corporation - 100%
YD60131	Zoe	51	StrataGold Corporation - 100%
YD60132	Zoe	52	StrataGold Corporation - 100%
YD60133	Zoe	53	StrataGold Corporation - 100%
YD60134	Zoe	54	StrataGold Corporation - 100%
YD60135	Zoe	55	StrataGold Corporation - 100%
YD60140	Zoe	60	StrataGold Corporation - 100%
YD60141	Zoe	61	StrataGold Corporation - 100%
YD60142	Zoe	62	StrataGold Corporation - 100%
YD60143	Zoe	63	StrataGold Corporation - 100%
YD60144	Zoe	64	StrataGold Corporation - 100%
YD60145	Zoe	65	StrataGold Corporation - 100%
YD60146	Zoe	66	StrataGold Corporation - 100%
YD60147	Zoe	67	StrataGold Corporation - 100%
YD60148	Zoe	68	StrataGold Corporation - 100%
YD60149	Zoe	69	StrataGold Corporation - 100%
YD60150	Zoe	70	StrataGold Corporation - 100%
YD60151	Zoe	71	StrataGold Corporation - 100%
YD60152	Zoe	72	StrataGold Corporation - 100%
YD60153	Zoe	73	StrataGold Corporation - 100%
YD60154	Zoe	74	StrataGold Corporation - 100%
YD60155	Zoe	75	StrataGold Corporation - 100%
YD60156	Zoe	76	StrataGold Corporation - 100%
YD60157	Zoe	77	StrataGold Corporation - 100%
YD60158	Zoe	78	StrataGold Corporation - 100%
YD60159	Zoe	79	StrataGold Corporation - 100%

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Grant Number	Claim Name	Claim Number	Claim Owner
YA88957	Rum	2	StrataGold Corporation - 100%
YA88958	Rum	3	StrataGold Corporation - 100%
YA88959	Rum	4	StrataGold Corporation - 100%
YA88960	Rum	5	StrataGold Corporation - 100%
YA88961	Rum	6	StrataGold Corporation - 100%
YA88962	Rum	7	StrataGold Corporation - 100%
YA88963	Rum	8	StrataGold Corporation - 100%
YA88964	Rum	9	StrataGold Corporation - 100%
YA88965	Rum	10	StrataGold Corporation - 100%
YA88966	Rum	11	StrataGold Corporation - 100%
YA88967	Rum	12	StrataGold Corporation - 100%
YA88968	Rum	13	StrataGold Corporation - 100%
YA88969	Rum	14	StrataGold Corporation - 100%
YA88970	Rum	15	StrataGold Corporation - 100%
YA88971	Rum	16	StrataGold Corporation - 100%
YA88986	Rum	31	StrataGold Corporation - 100%
YA88987	Rum	32	StrataGold Corporation - 100%
YA88988	Rum	33	StrataGold Corporation - 100%
YA88990	Rum	35	StrataGold Corporation - 100%
YA88993	Rum	38	StrataGold Corporation - 100%
YA89345	Rum	51	StrataGold Corporation - 100%
YA89346	Rum	52	StrataGold Corporation - 100%
YB04262	Sleet	7	StrataGold Corporation - 100%
YB04263	Sleet	8	StrataGold Corporation - 100%
YB04264	Sleet	9	StrataGold Corporation - 100%
YB04265	Sleet	10	StrataGold Corporation - 100%
YB04266	Sleet	11	StrataGold Corporation - 100%
YB04267	Sleet	12	StrataGold Corporation - 100%
YB04268	Sleet	13	StrataGold Corporation - 100%
YB04269	Sleet	14	StrataGold Corporation - 100%
YB04270	Sleet	15	StrataGold Corporation - 100%
YB04271	Sleet	16	StrataGold Corporation - 100%
YB04272	Sleet	17	StrataGold Corporation - 100%
YB04273	Sleet	18	StrataGold Corporation - 100%
YB04274	Sleet	19	StrataGold Corporation - 100%
YB04275	Sleet	20	StrataGold Corporation - 100%
YB04276	Sleet	21	StrataGold Corporation - 100%

Grant Number	Claim Name	Claim Number	Claim Owner
YD60160	Zoe	80	StrataGold Corporation - 100%
YD60161	Zoe	81	StrataGold Corporation - 100%
YD60162	Zoe	82	StrataGold Corporation - 100%
YD60163	Zoe	83	StrataGold Corporation - 100%
YD60164	Zoe	84	StrataGold Corporation - 100%
YD60165	Zoe	85	StrataGold Corporation - 100%
YD60166	Zoe	86	StrataGold Corporation - 100%
YD60167	Zoe	87	StrataGold Corporation - 100%
YD60168	Zoe	88	StrataGold Corporation - 100%
YD60169	Zoe	89	StrataGold Corporation - 100%
YD60170	Zoe	90	StrataGold Corporation - 100%
YD60171	Zoe	91	StrataGold Corporation - 100%
YD60172	Zoe	92	StrataGold Corporation - 100%
YD60173	Zoe	93	StrataGold Corporation - 100%
YD60174	Zoe	94	StrataGold Corporation - 100%
YD60175	Zoe	95	StrataGold Corporation - 100%
YD60176	Zoe	96	StrataGold Corporation - 100%
YD60177	Zoe	97	StrataGold Corporation - 100%
YD60178	Zoe	98	StrataGold Corporation - 100%
YD60179	Zoe	99	StrataGold Corporation - 100%
YD60180	Zoe	100	StrataGold Corporation - 100%
YD60181	Zoe	101	StrataGold Corporation - 100%
YD60182	Zoe	102	StrataGold Corporation - 100%
YD60183	Zoe	103	StrataGold Corporation - 100%
YD60184	Zoe	104	StrataGold Corporation - 100%
YD60185	Zoe	105	StrataGold Corporation - 100%
YD60186	Zoe	106	StrataGold Corporation - 100%
YD60187	Zoe	107	StrataGold Corporation - 100%
YD60188	Zoe	108	StrataGold Corporation - 100%
YD60189	Zoe	109	StrataGold Corporation - 100%
YD60190	Zoe	110	StrataGold Corporation - 100%
YD60191	Zoe	111	StrataGold Corporation - 100%
YD60192	Zoe	112	StrataGold Corporation - 100%
YD60193	Zoe	113	StrataGold Corporation - 100%
YD60194	Zoe	114	StrataGold Corporation - 100%
YD60195	Zoe	115	StrataGold Corporation - 100%
YD60196	Zoe	116	StrataGold Corporation - 100%

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Grant Number	Claim Name	Claim Number	Claim Owner
YB04277	Sleet	22	StrataGold Corporation - 100%
YB04278	Sleet	23	StrataGold Corporation - 100%
YB04279	Sleet	24	StrataGold Corporation - 100%
YB04280	Sleet	33	StrataGold Corporation - 100%
YB04281	Sleet	34	StrataGold Corporation - 100%
YB04282	Sleet	35	StrataGold Corporation - 100%
YB04283	Sleet	36	StrataGold Corporation - 100%
YB04284	Sleet	37	StrataGold Corporation - 100%
YB04285	Sleet	38	StrataGold Corporation - 100%
YB04286	Sleet	39	StrataGold Corporation - 100%
YB04288	Sleet	41	StrataGold Corporation - 100%
YB04290	Sleet	43	StrataGold Corporation - 100%
YB04292	Sleet	45	StrataGold Corporation - 100%
YB04294	Sleet	47	StrataGold Corporation - 100%
YB04306	Sleet	59	StrataGold Corporation - 100%
YB04307	Sleet	61	StrataGold Corporation - 100%
YB04313	Sleet	68	StrataGold Corporation - 100%
YB04436	Sleet	93	StrataGold Corporation - 100%
YB04325	Sleet	122	StrataGold Corporation - 100%
YB45604	Wet	1	StrataGold Corporation - 100%
YB45613	Wet	10	StrataGold Corporation - 100%
YB45615	Wet	12	StrataGold Corporation - 100%
YB45617	Wet	14	StrataGold Corporation - 100%
YB45619	Wet	16	StrataGold Corporation - 100%
YB45621	Wet	18	StrataGold Corporation - 100%
YA31863	Wind	10	StrataGold Corporation - 100%
YD60102	Zoe	22	StrataGold Corporation - 100%
YD60103	Zoe	23	StrataGold Corporation - 100%
YD60104	Zoe	24	StrataGold Corporation - 100%
YD60105	Zoe	25	StrataGold Corporation - 100%
YD60106	Zoe	26	StrataGold Corporation - 100%
YD60107	Zoe	27	StrataGold Corporation - 100%
YD60108	Zoe	28	StrataGold Corporation - 100%
YD60109	Zoe	29	StrataGold Corporation - 100%
YD60110	Zoe	30	StrataGold Corporation - 100%
YD60111	Zoe	31	StrataGold Corporation - 100%
YD60112	Zoe	32	StrataGold Corporation - 100%

Grant Number	Claim Name	Claim Number	Claim Owner
YD60197	Zoe	117	StrataGold Corporation - 100%
YD60198	Zoe	118	StrataGold Corporation - 100%
YD60199	Zoe	119	StrataGold Corporation - 100%
YD60200	Zoe	120	StrataGold Corporation - 100%
YD60201	Zoe	121	StrataGold Corporation - 100%
YD60202	Zoe	122	StrataGold Corporation - 100%
YD60203	Zoe	123	StrataGold Corporation - 100%
YD60204	Zoe	124	StrataGold Corporation - 100%
YD60205	Zoe	125	StrataGold Corporation - 100%
YD60206	Zoe	126	StrataGold Corporation - 100%
YD60207	Zoe	127	StrataGold Corporation - 100%
YD60208	Zoe	128	StrataGold Corporation - 100%
YD60209	Zoe	129	StrataGold Corporation - 100%
YD60210	Zoe	130	StrataGold Corporation - 100%
YD60211	Zoe	131	StrataGold Corporation - 100%
YD60212	Zoe	132	StrataGold Corporation - 100%
YD60213	Zoe	133	StrataGold Corporation - 100%
YD60214	Zoe	134	StrataGold Corporation - 100%
YD60215	Zoe	135	StrataGold Corporation - 100%
YD60216	Zoe	136	StrataGold Corporation - 100%
YD60217	Zoe	137	StrataGold Corporation - 100%
YD60218	Zoe	138	StrataGold Corporation - 100%
YD60219	Zoe	139	StrataGold Corporation - 100%
YD60220	Zoe	140	StrataGold Corporation - 100%
YD60221	Zoe	141	StrataGold Corporation - 100%
YD60222	Zoe	142	StrataGold Corporation - 100%
YD60223	Zoe	143	StrataGold Corporation - 100%
YD60224	Zoe	144	StrataGold Corporation - 100%
YD60225	Zoe	145	StrataGold Corporation - 100%
YD60226	Zoe	146	StrataGold Corporation - 100%
YD60227	Zoe	147	StrataGold Corporation - 100%
YD60228	Zoe	148	StrataGold Corporation - 100%
YD60229	Zoe	149	StrataGold Corporation - 100%
YD60230	Zoe	150	StrataGold Corporation - 100%
YD60234	Zoe	154	StrataGold Corporation - 100%
YD60236	Zoe	156	StrataGold Corporation - 100%
YD60237	Zoe	157	StrataGold Corporation - 100%

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Grant Number	Claim Name	Claim Number	Claim Owner
YD60113	Zoe	33	StrataGold Corporation - 100%
YD60119	Zoe	39	StrataGold Corporation - 100%
YD60120	Zoe	40	StrataGold Corporation - 100%
YD60121	Zoe	41	StrataGold Corporation - 100%

Grant Number	Claim Name	Claim Number	Claim Owner
YD60238	Zoe	158	StrataGold Corporation - 100%
YD60239	Zoe	159	StrataGold Corporation - 100%
YD60240	Zoe	160	StrataGold Corporation - 100%

B. Access

The Property is accessed directly via the Clear Creek road, which turns off the Klondike Highway to the North at km 609. The Clear Creek road leads approximately 45km to the location of a pre-existing exploration camp clearing, which lies about 500m east of Nels Harper's placer camp, via a gravel road. A network of variably maintained trails and 4x4 roads provide additional vehicular access throughout the Property.

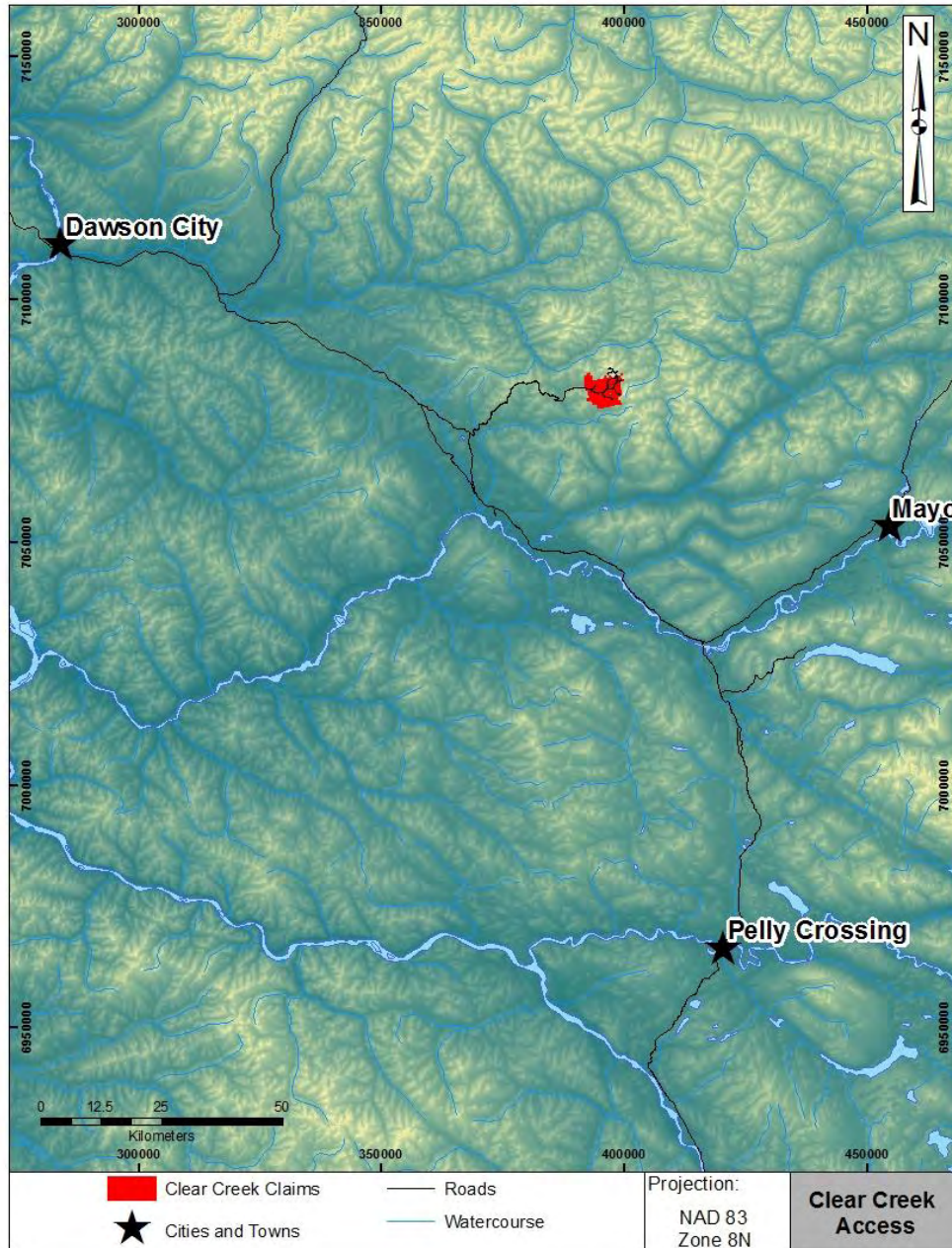


Figure 2: Clear Creek Access

C. Target Area

i) Property History

The prospecting history dates back to the early 1900s, in the form of hand pits, and short adits, focussing on gold bearing quartz-arsenopyrite-pyrrhotite veins near the Josephine stock area. Modern exploration efforts commenced in the late 1970s with attention focused on the tin-tungsten potential of the area. Several companies had claim holdings in the area during the 1970's including a joint venture between Canada Tungsten Mining Corp and Standard Oil Corp. of B.C., United Keno Hill Mining, the Cortin Project, and Asarco. There is little information available from their work.

Bema Industries, working on contract from Canada Tungsten Corporation, was the first company to recognize potentially significant gold mineralization in 1978. Cantung acquired most of the areas claims in 1980. From 1980-81 tin-tungsten exploration consisting of mapping, stream and soil sampling on the skarns was conducted. Some samples were also analyzed for gold and the potential for intrusive hosted gold bearing quartz veins at the Rhosgobel stock was recognized. Cantung dropped the property in 1982 due to the lack of tin mineralization and declining tungsten prices.

Since this initial effort, various companies have conducted limited campaigns including programs by Gold Rite Mining Corp., Noranda Exploration Ltd., Ivanhoe Goldfields Ltd. /First Dynasty Mines Ltd., Kennecott Canada Inc., Newmont Exploration Limited, Redstar Resources Corporation, and StrataGold Corporation (a wholly owned directly held subsidiary of Victoria Gold Corp.).

Following up on results by previous explorers, Noranda Exploration Ltd. conducted extensive soil and rock chip sampling, ground geophysical surveys, trenching, road building, and a six hole reverse circulation ("RC") drilling program in 1991 and 1992. Two holes drilled on each of the Eiger, Saddle, and Pukelman stocks for a total of 654 m.

In 1995, Kennecott Canada Inc. completed drilling, soil sampling and 320 m of bulldozer trenching. The 27 hole (1971 m) RC program on the Rhosgobel stock identified an east-west trending zone 1200 m long, 200 m wide and 65 m deep. The average grade of the gold mineralization in this 40 Mt zone is at least 300 ppb Au, with a higher grade core zone of approximately 1.5-2.0 Mt grading from 0.75-1.25 g/t Au (Coombes, 1995). The size and grade estimate is conceptual in nature, as there has been insufficient exploration to define a mineral resource.

In 1998, Newmont Exploration Limited conducted magnetic and radiometric airborne geophysical surveys. Interpretation of the data by Newmont suggests that the Eiger, Saddle, Josephine and Pukelman stocks may be part of a single larger intrusive body, and the Rhosgobel and Far stocks are themselves a separate body.

Historic drilling by Redstar Resources Corporation on the Bear Paw Breccia Zone included two diamond drill holes totaling 219 m in 1999, and nine HQ-diameter diamond drill holes totaling 1211 m in 2000. The best result of the Bear Paw Breccia zone was 2.3 g/t Au over 31.8 m in Hole BP00-10. In 2006, StrataGold Corporation conducted a detailed trenching and soil sampling program on the Bear Paw Breccia and Contact zone (and also the Barney zone which lies west of the current claim configuration).

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In addition, infill sampling was conducted to follow-up on geophysical and historical gold anomalies identified by previous explorers.

Golden Predator Canada Corp. conducted an exploration program in 2010 which included drilling 42 holes for a total of 3,662.4 m. Holes CC10-01 to CC10-04 were HQ diameter oriented core totaling 1,053.7 m. CC10-05 to CC10-42 were reverse circulation holes totaling 2,588.91 m. Golden Predator also staked additional claims in 2010 to supplement the property's holdings and compiled a GIS database of all available historical data.

In 2011, Golden Predator completed 18 HQ diamond drill holes for a total of 3,629.4m to test the Contact and Bear Paw areas with the objective to collect sufficient drill data to support an initial resource estimate at Bear Paw. A soil sampling program consisting of 1,026 samples was also undertaken in the northern part of the property.

The Clear Creek property returned to StrataGold in 2012 and no further work has been done since.

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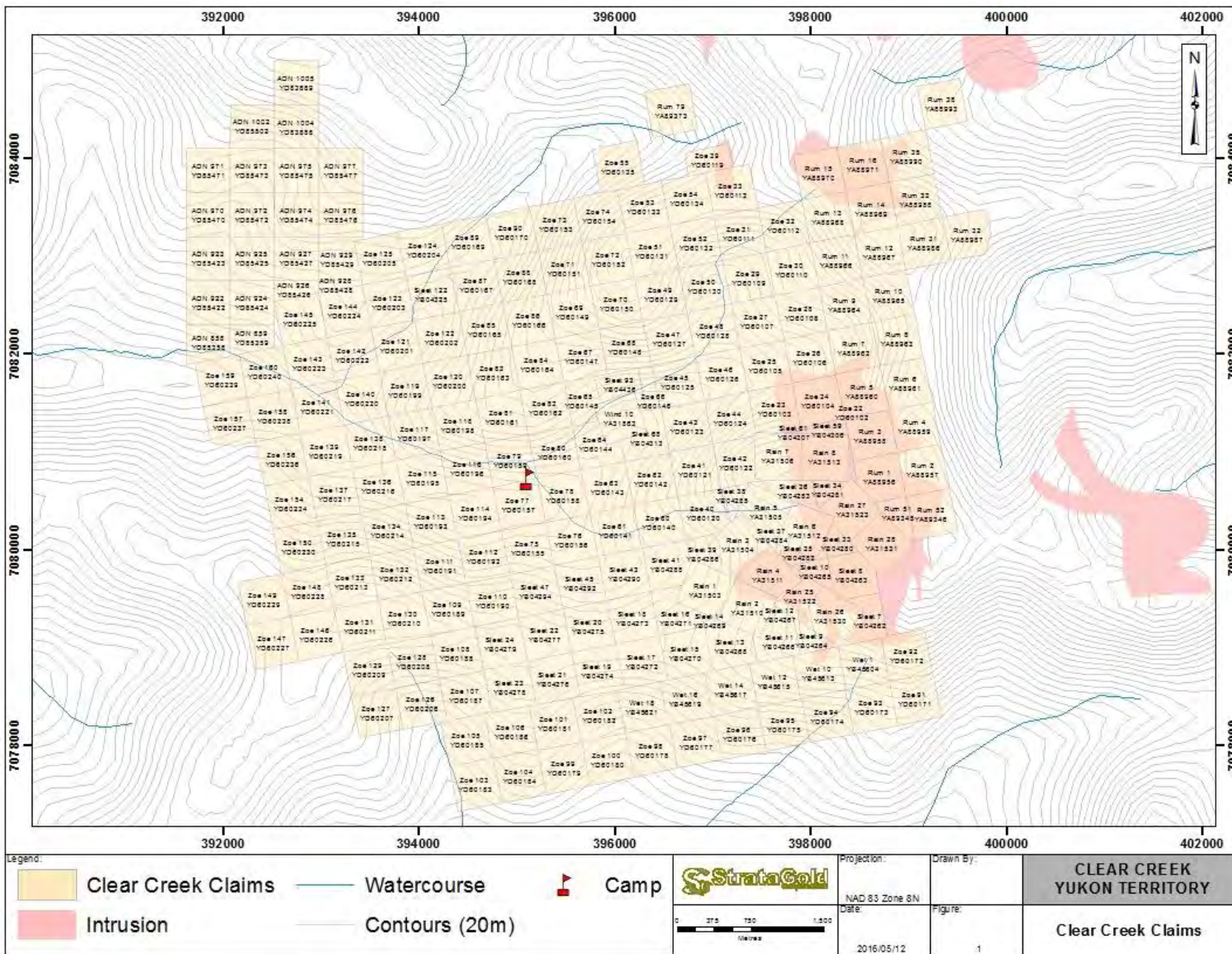


Figure 3: Clear Creek Claims

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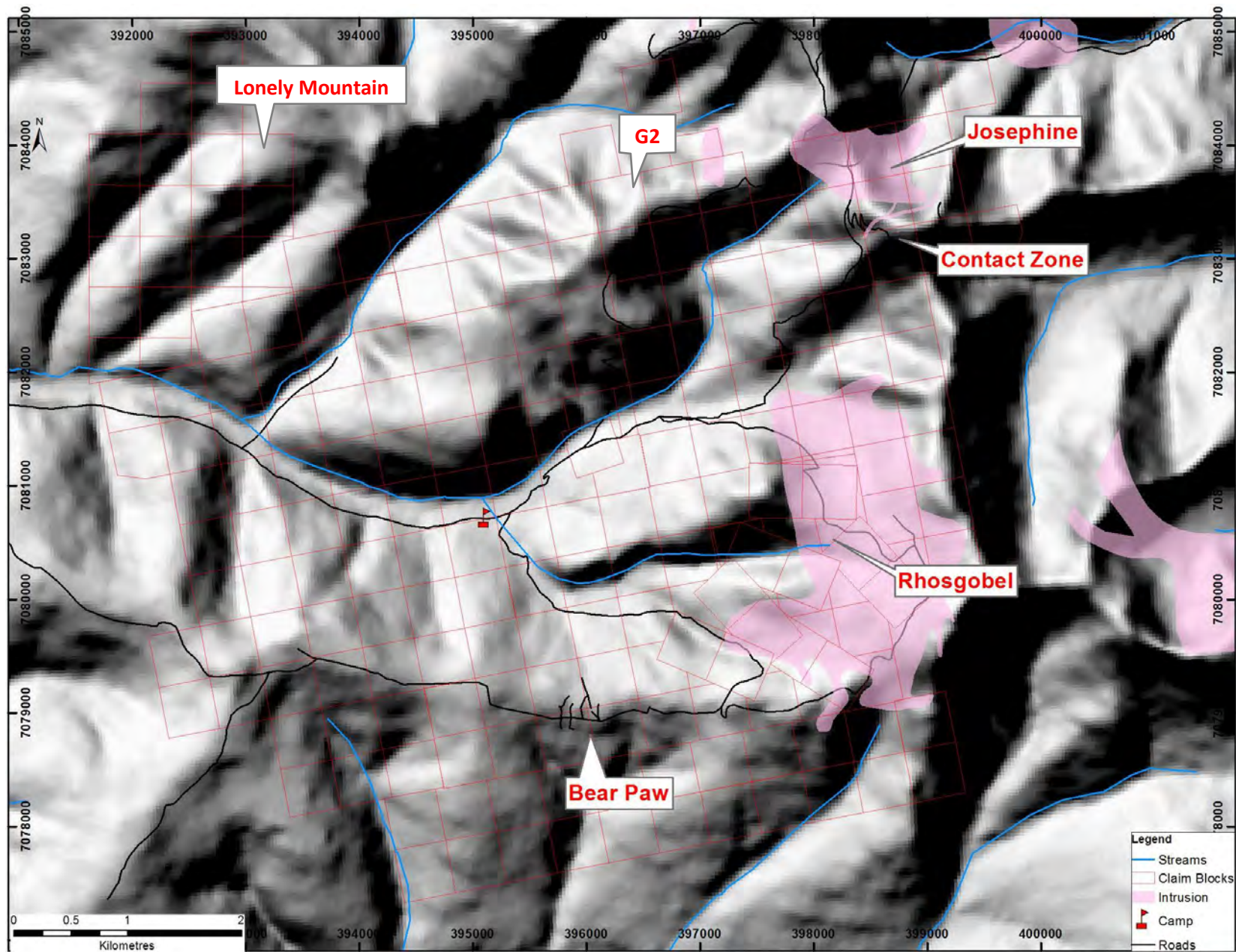


Figure 4: Josephine, Contact, Rhosgobel and Bear Paw Zones

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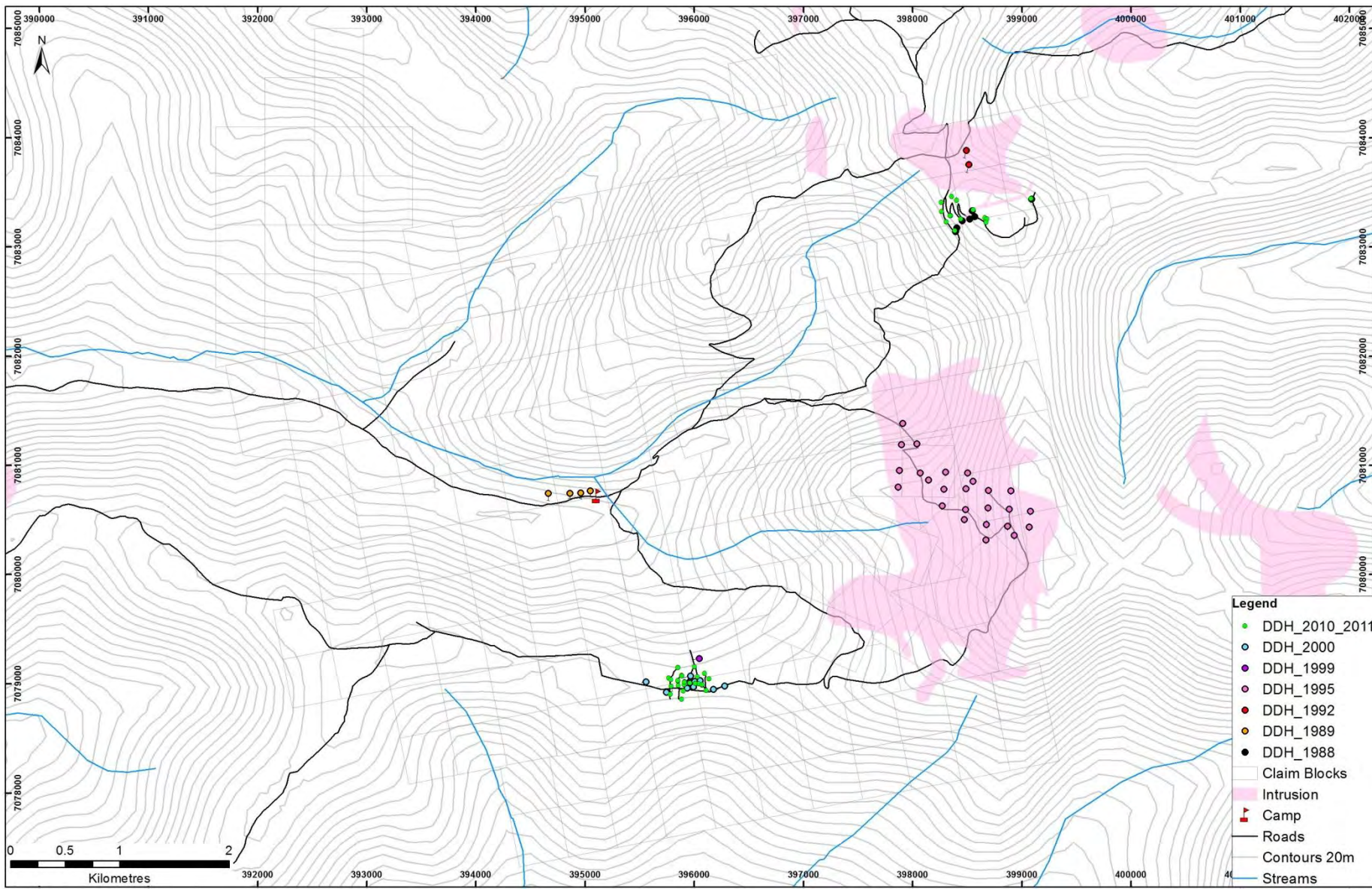


Figure 5: Diamond and RC Drillholes Locations

ii) Regional Geology

The Clear Creek claim area resides within upper Proterozoic Hyland Group rocks, which are part of the western Selwyn Basin, an epicratonic basin developed in a divergent margin setting established as the result of neo-Proterozoic rifting along the North American margin (Ross, 1991; Colpron et al., 2002). The Selwyn Basin is bounded on the south by the Tintina Fault (and the Intermontane Superterrane) and bounded on the north by the Dawson Thrust Fault (and the North American Shelf; Figure 5-1, from Gordey and Makepeace, 2001). The Teslin Suture is the zone of deformation between the accreted terrain and the ancient shelf.

Jurassic convergence between the North American and Farallon plates led to the collision of outboard terranes with the continental margin, which resulted in northward thrusting and low-grade metamorphism of Selwyn Basin strata (Monger, 1993). In the region, the Jurassic-Cretaceous Dawson, Tombstone and Robert Service thrusts (Murphy and Héon, 1995), juxtapose Hyland Group rocks against Mississippian shelf units and Devonian to Jurassic clastic units.

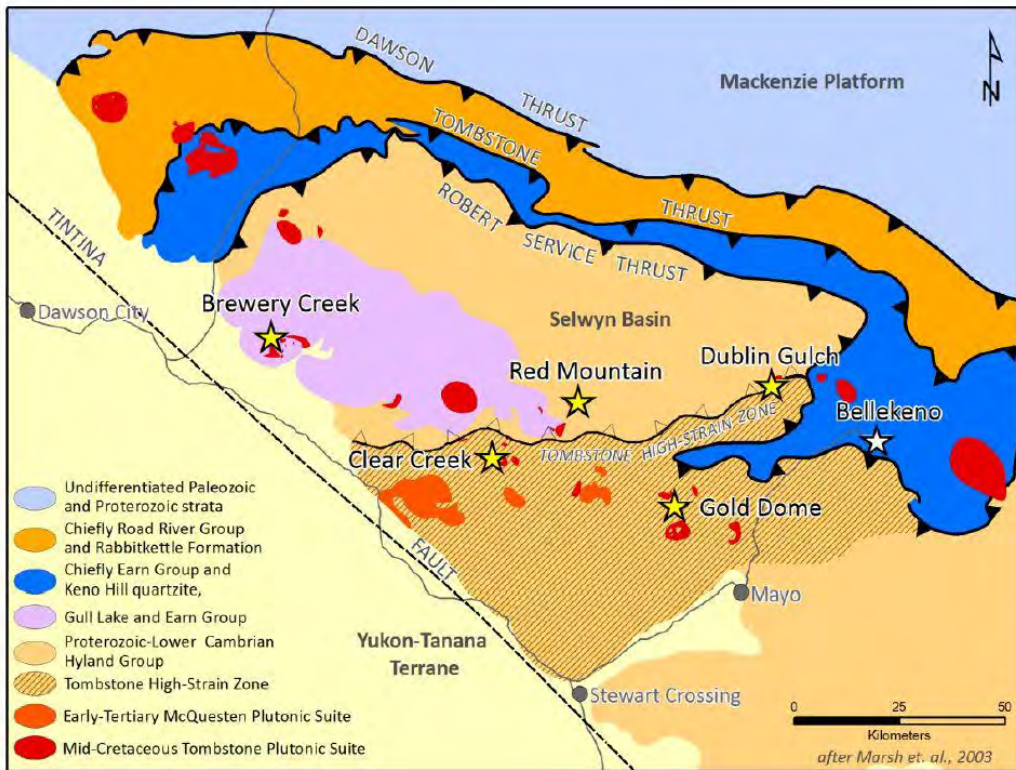


Figure 6: Generalized regional geology (after Marsh et al., 2003)

With waning deformation across the orogen by the mid-Cretaceous, emplacement of a series of northwardly-younging, orogen-parallel, felsic to intermediate plutonic suites occurred between 112 and 90 Ma (Mortensen, 2000). The Tombstone Plutonic Suite (TPS) is the most cratonward and youngest of the mid-Cretaceous plutonic belts emplaced into deformed Selwyn Basin strata. It extends in excess of 500 kilometers in an east-west direction, from the Yukon-Northwest Territory border to Dawson City, where it is truncated by the Tintina Fault Zone; a Cretaceous-Tertiary strike-slip fault with an estimated

450 kilometers of displacement. The TPS intrusions are typically <5 km in diameter and occur as composite plutons or as isolated pluton and dyke clusters. Compositionally they are predominantly monzogranite to quartz monzonite, with smaller volumes of later monzonite to quartz monzodiorite (Mortensen et al., 2000; Hart et al., 2004). They are weakly reduced to weakly oxidized and metaluminous to weakly peraluminous. Minor porphyritic, aplitic and calc-alkaline lamprophyre dykes (Mair et al., 2003) cross-cut and intrude the main stocks.

iii) Property Geology

Highly deformed metasedimentary rocks of the Yusezyu Formation underlie the Clear Creek property. The metasedimentary strata are part of the Neoproterozoic to Early Cambrian Hyland Group. They are comprised of predominantly highly deformed and folded phyllite, schist, quartzite, sandstone, fine quartz-pebble conglomerate with rare limestone. The Hyland Group rocks have been intruded by Tombstone Plutonic Suite diorite, granodiorite, quartz monzonite and granitoid stocks, including, from south to north, the Rhosgobel, Big Creek, Pukelman, Josephine and Eiger stocks. The Bear Paw breccia is spatially and likely-temporally related to the intrusive rocks. The Tombstone strain zone, a broad zone of complex deformation exhibited as multi-episodic folding and prominent foliation and lineation development within the sedimentary sequence extends roughly east-west to the north of the Josephine stock. Alteration is fairly localized to near the contacts with the intrusive bodies and include metasediments altered to quartz-biotite hornfels and rare calc-silicate skarn. Schistosity strikes west - northwest with gentle to moderate north-east dips (Weekes and Fall, 2001).

iv) Deposit Type and Mineralization

Regionally, the Tombstone Plutonic Suite is spatially and possibly also genetically associated with a range of precious and base-metal occurrences. These include: intrusion-hosted sheeted vein systems (Fort Knox, Dublin Gulch, Sheeted Zone at Scheelite Dome), metasediment-hosted sheeted veins (Harvey-Rudolph Zone at Scheelite Dome), intrusion-hosted disseminations and stringers (Brewery Creek), skarns (Marn, Wolf tungsten), hornfels-hosted sulfide veins, sediment-hosted stratabound sulfide replacement and disseminated, stringer and breccia-hosted mineralization external to the hornfels. The characteristic metal association of TPS related deposits comprises Au-W-Bi-As-Sb-Te-Mo±Cu±Pb±Sn.

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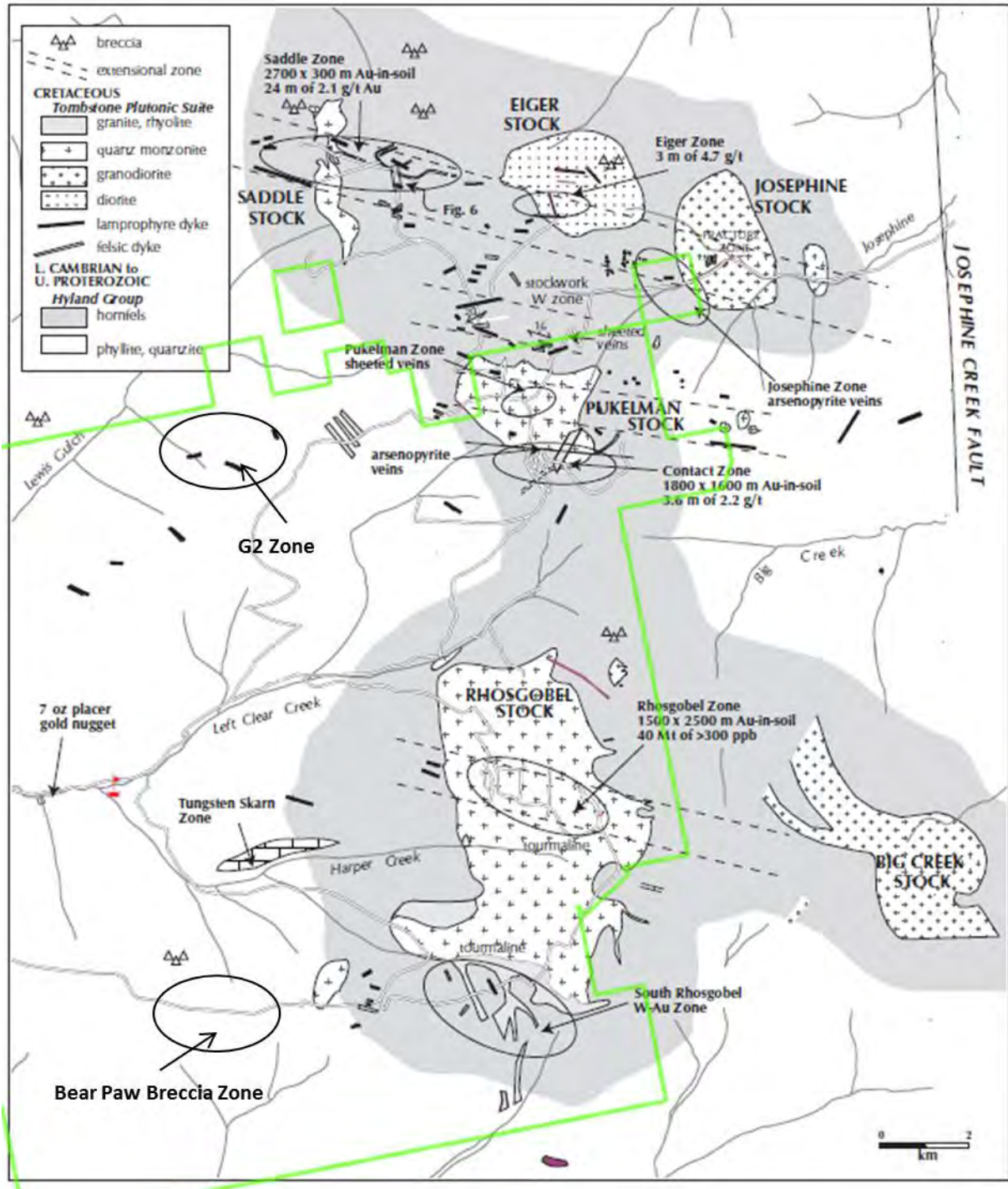


Figure 7: General Geology modified from Marsh et. al, 1999

Mineralization on the Clear Creek property consists of gold bearing stockwork to sheeted vein zones hosted by felsic to intermediate intrusions, auriferous pyrite within fault zones cutting metasedimentary rocks, and scheelite bearing calc-silicate skarns. The stockwork and sheeted gold veins are considered to have the most economic potential. They vary from white quartz–tourmaline–carbonate with trace sulphides in Rhosgobel to predominately pyrite–arsenopyrite–quartz in the Pukelman and Contact zones.

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The following is a summary of mineralization on the property from the Minfile records:

Mineralization in the Rhosgobel skarn specimens assayed up to 1.3% tungsten oxide (WO₃), but the overall grade of the stockwork zone was estimated to be less than 0.05% tungsten oxide (WO₃). Quartz vein specimens assayed up to 45 ppb gold and 46 ppb silver. Minor cassiterite occurs in greisen breccias above a granitic cupola.

The Jub Jub claims were staked on silver geochemical anomalies. The 1981 sampling outlined three anomalies, including a gold anomaly averaging 300 ppb that extends for over 800 m in the hornfels zone south of the Pukelman stock (Minfile Occurrence #115P 013) located to the north. Specimens of quartz with arsenopyrite from a stockwork in the hornfels zone assayed up to 45.0 g/t gold and 46 g/t silver. The Wind claims were staked to cover two showings of apparently stratabound pyrite mineralization in quartz-rich schist and phyllite discovered at the bottom of placer working in Clear Creek. Channel sampling in 1987 returned values ranging from 0.2 g/t to 9.2 g/t gold over widths of 0.6 to 1.2 m across pyritic beds. Significant arsenic values (up to 2%) occur with the higher gold values and variably and locally anomalous values for silver (to 4.3 ppm), lead (to 591 ppm), zinc (to 2 413 ppm) and antimony (to 280 ppm).

In the central part of the grid, a strong northeast-trending tungsten-gold anomaly covers an area 1 000 x 400 m underlain by porphyritic quartz monzonite, and an east-trending tungsten anomaly (40 to 560 ppm tungsten) coincides with the south contact of the Rhosgobel stock. Soil sampling in 1988 returned several values up to 408 ppb gold, and a specimen of quartz vein float assayed 1 141 ppb gold. Murphy et al. (1993) noted a strong correlation between gold, bismuth and tungsten on the Rhosgobel property. Four specimens of quartz vein material contained between 2 330 and 15 000 ppb gold, 26 to 318 ppm bismuth and 55 ppm to 0.2% tungsten. Kennecott's drilling on the Rhosgobel stock tested a 1.5 by 2.5 km area of anomalous gold geochemistry associated with sheeted quartz veins in the stock. The drilling program delineated a zone about 1 200 m by 200 m by 65 m deep (about 40 million tonnes) with a potential average gold grade greater than 300 ppb. This zone contains a higher grade core with a potential for about 2 million tonnes grading >1 gram per tonne gold. Kennecott also constructed access roads and collected two lines of soil samples south of the Rhosgobel stock. None of the samples returned anomalous values.

Farallon Resources Ltd collected 8 rock and 15 soil samples on their two visits to the Far property. The soil samples returned a high of 50 ppb gold while the rock samples returned a high of 341 ppb gold. Lueck's 1994 detailed soil sample survey was centered over a portion of the Rhosgobel Pluton believed to have potential for an intrusive hosted gold deposit. A widespread northwest trending gold in soil anomaly was outlined with several zones returning values in excess of 100 ppb gold. Thor Explorations' 2003 program identified a 100 m long gold soil anomaly within Far cl 33 and 34 which covered the southeast corner of the Rhosgobel Stock. The anomaly ranged in value from 0.067 to 0.194 g/t gold and was associated with anomalous arsenic and tungsten values averaging 420 ppm and 125 ppm respectively. Soil sampling on the TP claims uncovered a single station anomaly of 0.033 g/t gold on TP cl 2 and second single station anomaly of 0.326 g/t gold on TP cl 8. Sampling was carried out on 100 m centers. The 2003 reconnaissance program returned numerous single site rock and soil anomalies but

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given the reconnaissance nature of the program no new areas of mineralization or potential mineralization were identified.

Newmont's sampling confirmed anomalous gold values reported by previous operators and outlined existing areas of anomalous gold and arsenic geochemistry. Magnetic data from the airborne survey defined dominant structural trends in the area and partially outlined some of the intrusive stocks in the area. Radiometric data suggests that Rhosgobel and Big Creek stocks are part of a single intrusive body.

In the Bear Paw zone, placer operations encountered nearly massive pyrite-sericite mineralization on both sides of a steeply dipping east-trending gouge-filled fault in the creek bed just west of this occurrence location. Massive pyrite bands up to 1 m thick contain 50 to 80% pyrite in a quartz gangue and dip 20° north, parallel to bedding in the host sericite-biotite phyllite. Samples contained up to 9.22 g/t Au across 1.0 m. The area of interest coincides with a 500 x 200 m IP anomaly, but VLF response is flat. All of the 1989 drillholes encountered thick sections of graphitic argillite with pyrite along the schistosity. Drillholes RWS-89-1 and 89-4 intersected the fault zone. Hole 89-1 returned 18.71 g/t Au over 0.49 m of pyrite-sericite-quartz-clay gouge in the fault. No evidence of stratabound mineralization was seen in the drillholes.

Newmont's sampling confirmed anomalous gold values reported by previous operators and outlined existing areas of anomalous gold and arsenic geochemistry. Magnetic data from the airborne survey defined dominant structural trends in the area and partially outlined some of the intrusive stocks. Other nearby areas of radiometric highs are observed and possibly represent the expression of unmapped intrusive bodies and/or possible occurrences of potassic alteration.

Rock and soil sampling carried out by Redstar identified anomalous gold, arsenic and bismuth geochemistry coincident with an area of radiometric highs that straddles the ridge crest between upper Left Clear and Clear Creek. The zone, subsequently named the Bear Paw (breccia) zone was the focus of exploration efforts in 2000. Gold mineralization occurs in hydrothermal breccias with stockwork quartz + potassium-feldspar + sulfide veins that overprint earlier intrusives and tectonic breccias. Drilling in 1999 returned a significant intersection of 2 g/t Au over 26.7 m including 3.35 g/t Au over 10.5 m, while definition drilling of the zone in 2000 intersected varying amounts of breccia with a best result of 2.3 g/t Au over 31.8 m in hole BP00-10. Significant intersection from Golden Predator's drilling in 2010 in the Bear Paw zone include 35m at 1.03 g/t Au, 9.15m at 5.64 g/t Au, and 10.02m at 1.74 g/t Au. All holes drilled in 2011 intersected gold mineralization as well.

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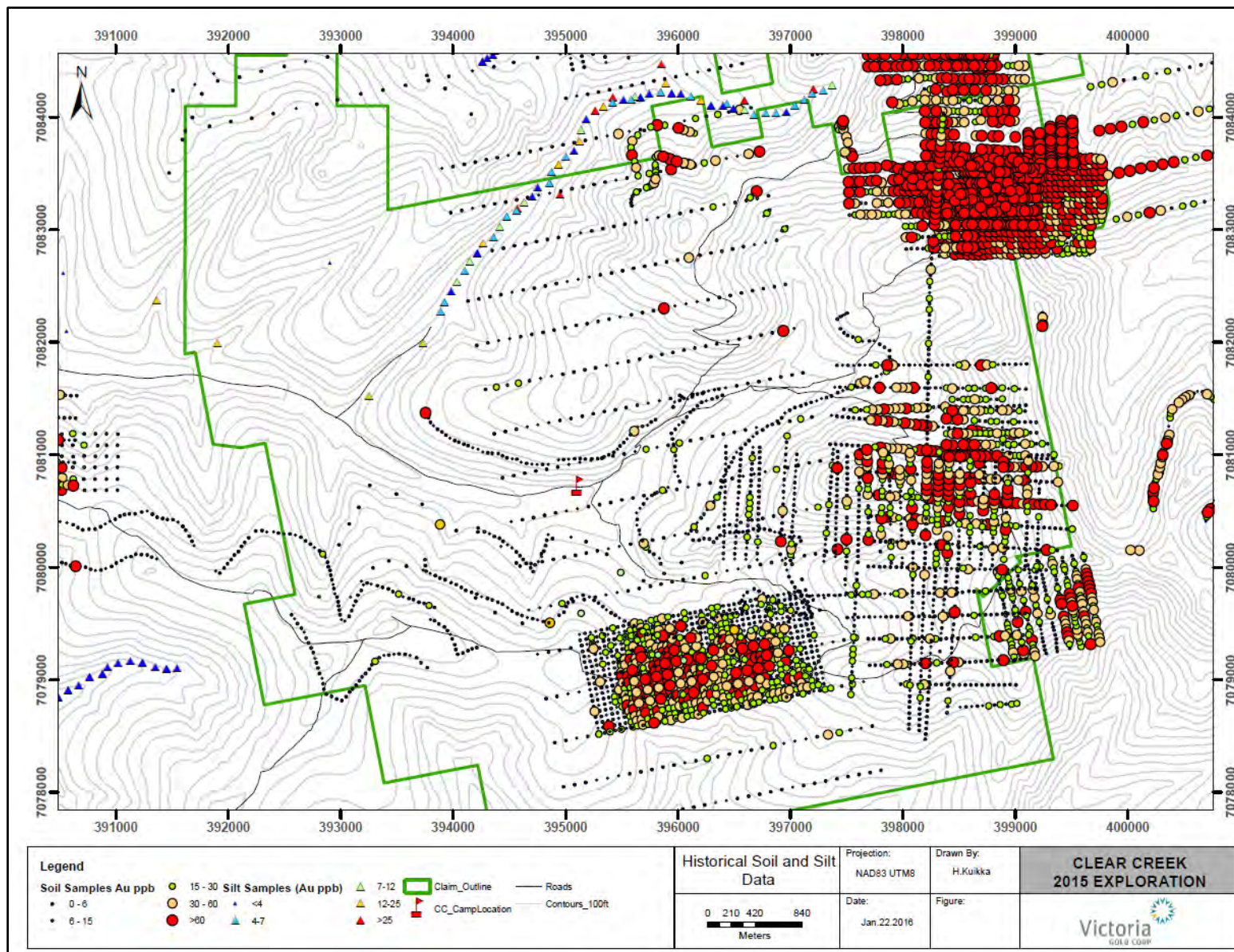


Figure 8: Historic soil and silt data including recently digitized soils

D. Target Rationale

The Clear Creek Property was targeted for exploration efforts based on a combination of the results of Golden Predator's 2010/2011 exploration campaigns on the property and Victoria Gold's on-going re-assessment of the Potato Hills Trend mineralized system. Through the development of the Eagle Deposit over the last 6 seasons, Victoria was able to garner critical information about gold mineralization on the Dublin Gulch Property, and sought to apply these internally developed intrusion/structural control related Au-Ag mineralization concepts along the general strike of the Tombstone Intrusive Suite. The working theory postulates that one of the phases (Early? Late? Middle?) of the intrusive suite acts as a primary mineralizer (and perhaps a secondary mineralizer via remobilization/precipitation within quartz veins and veinlets) is now a prime focus of Victoria's exploration efforts – and first step on this exploration campaign is to identify where all Cretaceous intrusives are exposed in the District, then get there and sample the intrusive, the contact margins and prospect the general area with an eye for structural traps. Clear Creek became a primary target for mineral exploration activities as mineralized intrusives had been mapped on surface, they lie on the general Potato Hills Trend, and soils and rock chips and diamond and RC drilling efforts have identified anomalous Au and As values. Lastly, an important geochemical indicator to the Potato Hills Trend is the downstream existence of placer workings. Clear Creek has all these hallmarks and led to Victoria assigning the project area its highest priority for exploration efforts.

E. 2015 Exploration Program

For the 2015 exploration program at Clear Creek, a temporary camp was set up within an existing camp clearing upstream from Nels Harper’s placer operation. Data collected during the program include 504 soil samples, 52 rock chip samples (an additional 2 taken out of claim boundaries), and an analysis of the previous diamond drill core. All soil samples were assayed on site via XRF machine, 240 soil samples were selected for 36-element ICP-MS at Bureau Veritas labs along with all the rock chip samples.

i) Assay Methodology

Table 2: Bureau Veritas Sample Preparation Method

Preparation		
Type	Method Description	Code
Soil	Screen to -180 µm (-80 mesh) to yield up to 100 g of pulp.	SS80
Rock	Crush 1 kg to 70% -2mm, split, pulverize 250g to ≥85% 75µm.	PRP70-250

Table 3: Bureau Veritas Sample Analysis Method

Analysis		
Type	Method Description	Code
Soil	Ultra-trace package by aqua regia digestion, ICP-MS finish 15 g option for 36 elements	AQ201
Rock	50g sample, fire assay fusion, AA finish, and; 0.5g sample, multi-acid digestion, ICPEs finish (geochem method)	FA450 MA300
	Overlimit Au (>10 gmt) 50g sample, fire assay fusion, gravimetric finish	FA550

XRF Analysis

All soil samples were analyzed with an Olympus Innov-X Delta Premium XRF unit under a 3-beam soil setting of 30:30:30.

Au L x-ray lines are located in a very crowded area of the x-ray fluorescence energy spectrum. In this part of the spectrum, interference from other elements (e.g., As, Zn, W, and Se) can yield a false positive Au determination. Nevertheless, direct measurement of Au by XRF can be achieved in specific cases such as high grade (> 5 ppm) quartz vein environments (relatively interference free) or within refined Au products (where Au is present in very high concentrations). Table 4 shows the typical expected detection limits for soil samples.

Table 4: Typical XRF LODs for Common Au Pathfinder Elements

Element	LOD (ppm)*	Element	LOD (ppm)*
As	2	W	5
Cu	5	Bi	5
Pb	3	Sb	15
Zn	3	Ag	7

*120s test time; sample is a typical soil matrix

ii) Soil Sample Results

Soil sample sites were selected based on access, soil quality, and gaps in the previous data set. For all soil samples the B horizon was targeted, depending on soil development this sometimes included some C horizon material. No organic or A horizon material was collected. Samples were collected using soil augers and geotools, sieved when possible, and placed in labelled kraft paper bags with a sample tag to be dried. Sample locations were captured using a handheld GPS unit. Soil samples near roads were collected from the undisturbed soil profile on the high bank side. For XRF analysis, samples were then transferred to labelled clear zip-top sandwich bags.

There is extensive historic soil data for the Contact zone , many of the samples assayed returned very elevated gold compared to background. A transect through this area was completed and the new samples verify the previous results. The soil layer is not extensively developed along this high ridge area, the elevation in gold is thought to be partly due to the capture of talus fine material concentrating gold from the many available quartz-arsenopyrite veins that run up to multiple ounces per ton gold.

The previously termed Galena Zone or the Galena Breccia zone by Stephens et. Al (2000), now simply referred to as G2, was included in the sampling program to follow up on previous anomalous gold in the range of about 60-130 ppb Au. Previously mapped lamprophyre dykes occur in this area, as well as small aplitic dykes. In nearby areas, such as the Saddle zone to the north of G2 (not included in StrataGold’s claims), the lamprophyre dykes are associated with high levels of Au (3.7-32ppm), Ag (30-32 ppm), Bi (910-1455 ppm), and Sb (24-34 ppm). The soil sampling in the G2 area included 50m east-west spaced soils along four lines 50 to 100m apart. XRF results for these lines showed high anomalous arsenic values in the eastern portion of the lines which were confirmed by lab analysis. XRF gold values are not reliable here and show false anomalies in samples lacking elevated arsenic, as well as no anomaly where gold is present. Results of lab analysis of the G2 soils include many anomalous samples above 60ppb gold which correlate well with the arsenic anomaly.

South of the G2 zone historic soil sampling consisted of NE-SW oriented lines 400 meters apart with 100 meter spaced samples. This area has good soil development and very little outcrop. The 2015 sampling consisted of a transect along the road (roughly N-S), and two 100 meter spaced lines with samples taken every 50 meters. Another soil line with 100m spaced samples traversed roughly west and south back to the camp area. Five samples in this area returned relatively low order arsenic XRF anomalies (100-200ppm). The samples here were not selected to be lab assayed due to the discouraging XRF arsenic values but may be looked at in the future. Other areas on the property such as the Bear Paw breccia

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zone are notably lacking in arsenic with gold showing a better correlation to bismuth. XRF values for bismuth are not deemed to be reliable in this sampling program; however that still leaves the potential for a gold discovery south of G2 open once lab analysis of the samples is eventually undertaken.

The next zone soil sampled, now referred to as Lonely Mountain, and is the ridge located two ridges west of Lewis creek. A north-west, south-east trending breccia zone was mapped in the 1996 Clear Creek map by Murphy and Heon, along with a thin Cretaceous aged dyke of the same orientation on the Lewis Ridge. Soil development in this area is good in some places, but towards the breccia zone felsenmeer made sampling difficult. Access was difficult by foot from Clear Creek with a lack of trails and thick brush. No previous historical sampling data is available for this ridge. The 2015 soil line was oriented NE-SW along the ridge top with samples spaced every 50m until the peak of the ridge **Error! Reference source not found.**, and every 100m down the slope back to Clear Creek. One sample showed a low level arsenic anomaly of 50 ppm in XRF. These samples were not analyzed at the lab. Samples over the breccia zone did not return any anomalous values during XRF analysis, which could very likely be due to poor sample quality over the felsenmeer.



Figure 9: Looking SW towards "Lonely Mountain"

Historical soil sampling in the Bear Paw breccia zone consists of a large 50m x 50m grid over the breccia zone, sporadic contour sampling lines to the west and north-west, and the continuation of the 400m x 100m grid from G2 south. The Bear Paw area was discovered by soil sampling along trails and roads, and continuation of this sampling was done in 2015 to the west as well as north. The grid area was successful in identifying a large and coherent gold-in-soil anomaly which formed the basis of the previous drilling campaigns by Golden Predator. An extension of the grid to the south-east, with several lines of 50m x 50m spaced soils was completed in 2015. The grid extension identified one sample of 1.47 ppm Au, 136 ppm Zn, and 70 ppm As. To the west of Bear Paw, the road sampling traverse shows low

order arsenic anomalies for the first 700m. The first ten samples (from east to west) were assayed at the lab and returned two hits of 42 and 43 ppb gold. The northern road leading up to the Bear Paw breccia zone was also sampled at 50m spacing but no samples from here were lab assayed. Several lower XRF arsenic anomalies are present at the northern end of the transect of 40-80 ppm.

iii) Rock-chip Sampling Results

Rock-chip samples were collected from across the property and analyzed with 36 element ICP-MS with gold fire-assay and a gravimetric finish for samples over 10 g/t Au. Descriptions, photos, and notes on origin (float, outcrop, etc.) were recorded, along with a GPS point of the location.

The contact zone provided the most gold rich rock samples which confirm and expand previous soil and rock sampling information. Grades of up to 166 g/t gold are present in quartz-arsenopyrite veins crosscutting the Hyland group sediment. Rock-chip samples of quartz veins up to 315m away from the nearest intrusive units or dykes (quartz monzonite) are still well-enriched in gold. In one sample, 1566557 (Figure 10), visible gold is present on the edge of an arsenopyrite crystal. Samples taken from the sediments themselves, or the altered felsic dykes are much more weakly mineralized with grades of 0.1-0.3 g/t Au. One quartz vein sample within the Pukelman stock at the contact with the sediments contained minimal gold (0.009 g/t Au). The relationship and timing between the gold-bearing quartz-arsenopyrite veins and the barren quartz-minor arsenopyrite veins is yet unclear.



Figure 10: Sample 1566557

The G2 zone provided the next best rock-chip samples during the 2015 program. Many of the samples show the typical geochemical signature of many of the auriferous mineralized occurrences in Clear Creek, Au:Ag ratios >1, As > 5000 ppm. Samples taken from the intrusive dyke in the area (previously mapped as lamprophyres but some appear more aplitic) ranged from 0-6 g/t Au. Samples from the metasediments proximal to the dyke were higher grade, ranging from 7-43 g/t Au. Three samples were taken near the galena occurrence, or what was once named the Galena Breccia Zone. They exhibit a different geochemical signature than the other mineralized samples with an Au:Ag ratio <1 and a lack of

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tungsten. Marsh et. Al (1999) explain signatures as these as local country rock control of certain elements as Ag, W, etc.

Samples taken from the Bear Paw zone contained very low amounts of gold, in general <0.08 ppm Au in both intrusive rock, phyllitic country rock, and select quartz vein samples. The exception was of one sample of 0.464 ppm Au of a quartz vein float. The Bear Paw zone exhibits much less outcrop or subcrop exposure than other areas of the Clear Creek property, even along roads and trails so rock-chip sampling was not as effective as soil sampling (Figure 11).

Several samples were taken from the Rhosgobel zone, within the intrusive monzonite stock and on the margins in the metasedimentary country rock. Only two samples assayed above 0.03 ppm Au. A sample of the monzonite ran 0.309 ppm Au, and one of phyllite with boxwork pyrite/arsenopyrite veining ran 0.275 ppm Au.



Figure 11: Looking North from Bear Paw Zone

iv) Core Logging Results

The following core re-logging observations are from Carl Schulze's memo (Appendix V).

In the Contact Zone, gold assay results from drill core reveal fairly widely spaced high values, to a maximum from 2015 re-logged core of 18.20 g/t gold across 1.5m from DDH CC11-43. Re-logging established that the majority of high values were returned from intervals containing one or more widely spaced quartz-arsenopyrite veins, locally sheeted, ranging from <1 cm to 5 cm in width. Several specks of visible gold are visible in some veins, suggesting that if these alone were to be analyzed; much higher gold values would be returned. The other significant mineralizing feature is a weak to moderate pervasive scoroditic staining associated with fine grained dissemination and foliation-parallel arsenopyrite grains within host phyllites. In DDH CC10-03, higher gold values are associated with intervals of increased scorodite staining and fracturing. However, the vast majority of high values are associated with the quartz-arsenopyrite veins, suggesting these provide the main gold host at the Contact Zone deposit.

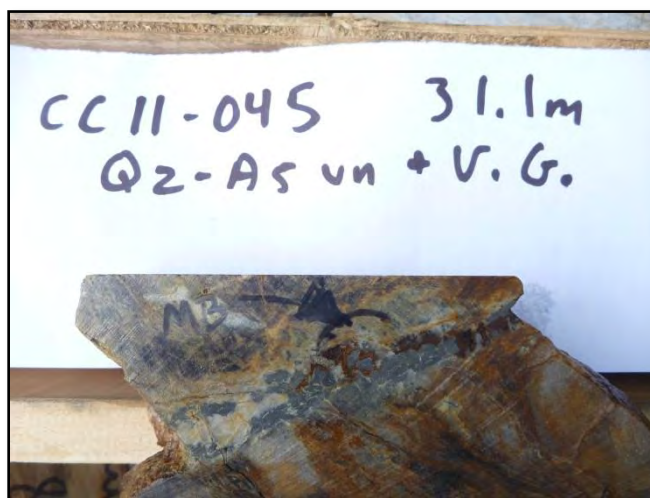


Figure 12: CC11-45, 31.1m; Interval graded 19.2 g/t Au across 1.35m, includes visible gold

Assay results from Bear Paw Zone core returned much longer and consistent, though lower grade, gold intervals, to a maximum from core re-logged in 2015 of 3.043 g/t gold across 19.37m. Re-logging indicated that many high gold values occur either within quartz-biotite monzonite dykes or proximal brecciated phyllitic country rock. More importantly, the majority of high gold values are associated with limonitic quartz veins to 20 cm in width, locally associated with minor arsenopyrite or massive pyrite – pyrrhotite +/- minor chalcopyrite. The veins appear to be the major control of mineralization, as much of the dyke rock in higher grade gold intervals is relatively unaltered.

At many locations, brecciation post-dates dyke emplacement; intrusive clasts locally comprise up to 15% of the rock mass. Quartz veining is interstitial, forming the breccia matrix at some localities, suggesting the main mineralizing event occurred following dyke emplacement and subsequent brecciation. This is best illustrated in Figure 13, showing a segment of core from an interval grading 15.5 g/t gold across 1.5m within DDH CC11-048.

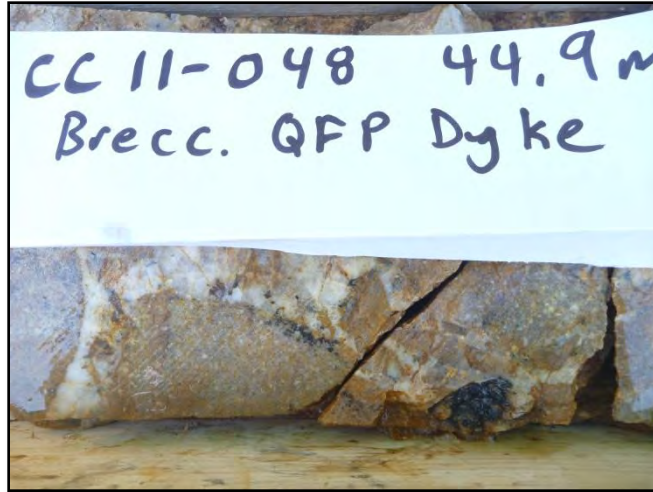


Figure 13: Bear Paw Zone: CC11-048, 44.9m. Grading 15.5 g/t Au across 1.5m

F. Discussion

The 2015 exploration program was successful in advancing several underdeveloped targets on the Clear Creek quartz claims. The lead up to the program also included extensive digitization of historical sampling data which is an invaluable source of exploration knowledge in the area.

The three main targeted zones of Contact, Bear Paw, and G2, as well as Rhosgobel, and potentially Lonely Mountain are all part of an “Intrusion-related gold system”, similar in style to the Dublin Gulch area.

The Contact Zone most closely resembles higher grade mineralization along the Potato Hills Trend in Dublin Gulch. Most specifically the arsenopyrite-rich quartz veins close to the intrusive margins are similar in character to the Eagle, Aurum, Blue Lead, and Cabin veins proximal to the Dublin Gulch stock. In the Contact area, vein density in the drill core intervals here is quite low and veins are widely spaced within the altered Hyland group phyllites south of the Pukelman Stock. Rock sampling in the 2015 program east of the previous drilling campaigns identified very high gold values and some new targets for diamond drill exploration.

The Bear Paw Zone has a distinct rock and soil geochemical signature as well as distinct geological and mineralogical setting to the Contact zone. It is marked by emplacement of a quartz-feldspar-biotite monzonite dyke within the Hyland Group Yusezyu phyllites and quartzite. The rocks are intensely brecciated with dyke fragments and phyllite mixed, suggesting the brittle deformation was syn to post-emplacement. Gold in this area is associated strongly with limonitic quartz veining with local arsenopyrite and pyrite-pyrrhotite +/- chalcopyrite. Samples of float rock-chip samples on the ridge top from 2015 were generally low with one exception near an intrusive outcropping. The previous shallow drilling had not intersected a larger pluton and a mineralization source.

The G2 Zone is an interesting target that developed during the 2015 program due to same-day processing of soil samples with the XRF machine. The soil lines were planned to fill in some gaps in the historical data near gold mineralization and were effective in guiding the rock-chip sampling. The resulting rock chip sampling showed that the gold in this area is hosted by quartz-arsenopyrite veinlets mainly within the phyllitic Hyland group and proximal to the dykes. Several samples were also found to contain galena and silver with a different geochemical signature to the gold-rich samples. These may be part of a later mineralizing event and should be further explored for silver potential.

Samples collected at the Lonely Mountain ridge west of Lewis Gulch were not selected for lab analysis due to the unremarkable XRF assay response. This is possibly due to poorer sample quality over the felsenmeer area, or due to a different geochemical signature lacking in arsenic that is seen in some other places on the Clear Creek property. Extensive quartz veining is present in float all along the ridge top, although much of it appears to be barren bull quartz. It is also possible that the breccia zone is more well developed on Lewis ridge to the east, where a monzonite dyke is mapped, and is petering out towards Lonely Mountain.

The Rhosgobel area was not extensively looked at or sampled during the 2015 program, however much of the historical sample digitization occurred here. The Rhosgobel stock is nearly identical to the

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Pukelman stock but mineralization here may have a different control that is not well understood. Extensive tourmaline and quartz veining is present throughout the large stock, but mineralization is concentrated in a sheeted veined zone that was previously drilled. The newly compiled historical soil sampling data can aid in future targeting here.

G. Recommendations

Results of the 2015 program prompt for a number of recommendations for future exploration work in the area:

- Detailed rock sampling, and/or channel sampling to the east of the drilled area in the Contact Zone. Further soil sampling in this area is not needed but the grid may be extended south towards Rhosgobel.
- Expansion of the soil grid in the southern and western portions of the Bear Paw Zone to determine the extent of the mineralized area.
- Trench or test pit exploration to focus on the eastern portion with auriferous quartz vein float, and previously identified gold-in-soil anomalies.
- Further soil sampling, mapping and pit or trench sampling in the G2 area to follow up on the 2015 results.
- Analysis of the remainder of the soil samples from the 2015 program.

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H. Program Expenditures

Expense	Expense Total	Details	Quantity	Unit	Rate/Unit	Total Cost		
Salaries and Wages	\$29,110.00	Paul Gray Exploration Manager, Geologist	5	Days	\$600.00	\$3,000.00		
		Paul Gray Exploration Manager, Geologist	33.5	Hours	\$60.00	\$2,010.00		
		Helena Kuikka Project Geologist & OFA level 3	14	Days	\$500.00	\$7,000.00		
		Carl Schulze Senior Geologist	10	Days	\$500.00	\$5,000.00		
		James Thom Geologist	15	Days	\$275.00	\$4,125.00		
		Jason McLaughlin Geologist	15	Days	\$275.00	\$4,125.00		
		Steve Wozniak Geologist	14	Days	\$275.00	\$3,850.00		
		Fuel	\$143.70	Diesel for P. Gray truck	N/A	N/A	N/A	\$143.70
		Assays	\$5,401.29	Burea Veritas assaying	N/A	N/A	N/A	\$5,401.29
		Maintenance	\$36.00	Company vehicle tire repair - Kal Tire	1	N/A	\$36.00	\$36.00
Equipment Rentals	\$3,000.00	XRF rental	15	Days	\$200.00	\$3,000.00		
Materials and Supplies	\$1,007.13	Gloves, tarps, contact cement - Ajax Steel Ltd.	N/A	N/A	N/A	\$481.18		
		Extra baggage charge for supplies J. Thom 25-Jun - Air Nort	N/A	N/A	N/A	\$30.00		
		J. Thom camp grocery and supply purchase 25-Jun	N/A	N/A	N/A	\$247.96		
		J. Thom camp grocery purchase 27-Jun	N/A	N/A	N/A	\$9.47		
		Camp stove 25-Jun	N/A	N/A	N/A	\$180.24		
		Pot and batteries 29-Jun	N/A	N/A	N/A	\$58.28		

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Expense	Expense Total	Details	Quantity	Unit	Rate/Unit	Total Cost
Travel - Hotel	\$129.00	P. Gray hotel for site visit 7-Jul - Town & Mountain	1	Night	\$129.00	\$129.00
Travel - Meals	\$1,808.61	C. Schulz lunch 30-Jun travel day	N/A	N/A	N/A	\$8.47
		C. Schulz lunch 9-Jul travel day	N/A	N/A	N/A	\$17.76
		H. Kuikka camp grocery purchase 25-Jun	N/A	N/A	N/A	\$76.92
		H. Kuikka camp grocery purchase 1-Jul	N/A	N/A	N/A	\$119.72
		M. Gunn camp grocery purchase 25-Jun	N/A	N/A	N/A	\$1,548.24
		M. Gunn ice for grocery transport 25-Jun	N/A	N/A	N/A	\$27.50
		J. McLaughlin lunch travel day	N/A	N/A	N/A	\$10.00
Travel - Misc	\$650.28	C. Schulze mileage charge 30-Jun Wh to Camp	472	Km	\$0.62	\$292.64
		C. Schulze mileage charge 9-Jul Wh to Camp	472	Km	\$0.62	\$292.64
		J. McLaughlin taxis	N/A	N/A	N/A	\$65.00
Delivery & Shipping	\$150.00	Core and gear transport from WH vendors to company veh	N/A	N/A	N/A	\$112.50
		Gear transport around WH	N/A	N/A	N/A	\$37.50
TOTAL	\$41,436.01					



I. Project Partnerships

There are no Project Partnerships on the Clear Creek Property

J. Statement of Qualifications

I, Paul D. Gray, P. Geo., do hereby certify:

THAT I am a Professional Geoscientist with offices at 250 – 2237 2nd Avenue, Whitehorse, YT Y1A 0K7

THAT I am an author of the Technical Report entitled “Assessment Report on the Clear Creek Claims - Geological and Geochemical Exploration Program – 2015” (the “Assessment Report”). I personally oversaw the entirety of the 2015 Clear Creek Program in the field.

THAT I am a member in good standing (#29833) of the Association of Professional Engineers and Geoscientists of British Columbia.


THAT I am a graduate of Dalhousie University, Halifax, in the Province of Nova Scotia, with a Bachelor of Science degree (Honours) in Earth Sciences

THAT I have practiced my profession as an exploration geologist in the mineral exploration industry continuously since 1997. I have worked on base, precious and industrial metals exploration projects as a geologist in Canada, the United States of America, Asia, and South and Central America.

THAT I am employed as Exploration Manager with Victoria Gold Corp.

THAT I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.

Dated at Vancouver, British Columbia, this 13th day of May, 2016.



Paul D. Gray, P. Geo.



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Appendix I- Rock and Soil Sample Information

2015 Rock Sample Data

Sample_ID	Easting	Northing	Elevation	Sample Type	Description	Au_PPM	Cu_PPM	Pb_PPM	Zn_PPM	Ag_PPM	As_PPM	Sb_PPM	Bi_PPM	W_PPM
1566501	398556	7083463		Float	5 cm QV with arsenopyrite	47.200	8	157	6	19.20	11000	103.0	194.0	88
1566502	398600	7083471		Float	5cm QV with arsenopyrite	0.042	66	4284	1462	22.70	2675	27.0	2.5	2
1566503	398601	7083462		Float	12cm QV with arsenopyrite	0.550	47	5827	2207	33.90	11000	113.0	2.5	2
1566504	398569	7083479		Float	QV with arsenopyrite	0.081	31	4446	616	25.80	8089	43.0	2.5	2
1566505	398586	7083469		Float	QV with arsenopyrite	0.021	117	1130	322	2.10	5060	25.0	2.5	2
1566506	396054	7083345		Float	Mineralized (Galena, Aspy) intrusive	0.673	185	11000	259	64.70	11000	73.0	39.0	12
1566507	396048	7083334		Float	Mineralized (Galena, Aspy) intrusive	0.918	7	1154	128	6.80	11000	118.0	5.0	201
1566508	396048	7083332		Float	Mineralized (Galena, Aspy) intrusive	0.012	57	2451	258	10.40	775	16.0	8.0	2
1566509	396038	7083320		Float	mineralized (Galena, Aspy) metaseds	43.400	2	45	11	8.50	11000	33.0	198.0	141
1566510	395827	7083480		Grab	Mineralized grab from Exploration pit	13.600	2	83	14	5.80	11000	41.0	55.0	201
1566511	395999	7083328		Float	Mineralized (Galena, Aspy) intrusive	7.170	3	20	13	1.40	9034	9.0	22.0	33
1566512	395973	7083385		Float	Mineralized (Galena, Aspy) intrusive	5.989	5	287	189	1.80	5068	200.0	24.0	201
1566513	396001	7083345		Float	Mineralized (Galena, Aspy) intrusive	0.124	50	8852	189	51.00	11000	117.0	16.0	6
1566514	395819	7083494		Float	Mineralized grab from Exploration pit	0.003	18	74	378	0.25	75	2.5	5.0	2
1566515	394915	7082251		Grab	Grey silicic dyke? Knob? Minor disseminated pyr. Possibly 60m x 30m	0.021	4	22	13	0.25	57	2.5	7.0	2
1566551	398293	7083497	1646	Float	Float of 1.3cm wide coarse quartz and muscovite and alkali felspar vein with apy/scorodite. Within intrusive.	0.009	8	16	95	0.25	253	2.5	7.0	201
1566552	398430	7083271	1705	Float	Float of quartz veins with apy veining ~1cm wide running through.	1.523	14	41	5	2.50	3173	11.0	18.0	11
1566553	398578	7083336	1768	Float	Frost heave slope, N-facing. White quartz veins up to 25cm thick with minor blebs of apy and fracture surfaces coated with it. Light brown weathered colour, white fresh.	27.400	3	22	1	8.10	11000	19.0	43.0	2
1566554	398431	7083268	1704	Float	Black-red weathered quartz vein ~25cm thick. Smokey coarse grained quartz and pockets of apy weathering to scorodite. Some feldspars. Vein cutting through dark grey micaceous psammite.	2.776	14	8	16	1.00	8408	12.0	2.5	10
1566555	398681	7083268	1785	Trench	Near CC10-21/22/20. Trenching. Medium to coarse grained felsic dyke in psammite. Grey-green scorodite, quartz, apy vein in outcrop. Also pyrite, some coarse cubic crystals. Strikes East, steep dip.	166.200	22	2046	7	150.90	11000	1050.0	459.0	11
1566556	398865	7083208	1804	Subcrop	On the ridge top. Subcrop/frost heave phyllite/psammite with white quartz veins cutting through ~1-10cm thick. Vein contains veinlets and blebs of apy and bismuthinite.	18.100	8	131	7	16.30	11000	90.0	93.0	201
1566557	398998	7083217	1781	Subcrop	Quartz-apy vein in metaseds ~20cm wide. Has visible gold along edge of apy crystal.	31.800	5	296	1	153.40	259	49.0	2395.0	8
1566558	398637	7083221	1771	Subcrop	Quartz vein on road/subcrop with apy and po.	86.000	68	502	26	32.30	11000	209.0	148.0	5
1566577	394429	7079220	1309	Float	Float sample of quartz vein with thick oxidised fractures, sericite alteration in fractures also present.	0.082	13	10	21	0.70	65	2.5	8.0	2
1566581	394485	7079222	1301	Float	White bull quartz vein float. Yellow orange oxidised fracture surfaces.	0.050	12	3	6	0.25	83	2.5	10.0	2
1566582	394544	7079225	1296	Float	Thick oxidised quartz vein with black oxide blebs in the center.	0.008	3	3	1	0.25	31	2.5	2.5	2
1566588	394814	7079246	1295	Float	Manganese oxide breccia. Breccia fragments are white quartz veins seen nearby.	0.015	15	3	25	0.25	148	2.5	2.5	2
1566592	397294	7080194	1262	Outcrop	Exposure of oxidised quartz vein ~15cm thick cutting through Hyland group meta-seds.	0.009	20	14	52	0.25	22	2.5	2.5	2
1566593	398308	7079227	1509	Subcrop	Meta-quartz pebble conglomerate with arsenopyrite stringers and disseminated.	0.020	23	46	105	9.10	4208	5.0	21.0	8
1566594	398324	7079207	1514	Subcrop	Heavily oxidised meta-quartz pebble conglomerate with arsenopyrite stringers and disseminated.	0.023	42	199	319	40.60	5727	2.5	79.0	18

2015 Soil Sample Location

Sample_ID	East_NAD83_Z8	North_NAD83_Z8
1566907	396220	7082903
1566559	393560	7079457
1566560	393612	7079450
1566561	393665	7079440
1566562	393714	7079430
1566563	393764	7079419
1566564	393812	7079407
1566565	393864	7079397
1566566	393914	7079387
1566567	393966	7079377
1566568	394016	7079363
1566569	394063	7079348
1566570	394111	7079330
1566571	394164	7079321
1566572	394209	7079290
1566573	394259	7079275
1566574	394307	7079256
1566575	394354	7079232
1566576	394406	7079220
1566578	394459	7079221
1566579	394512	7079221
1566580	394562	7079226
1566583	394614	7079229
1566584	394664	7079233
1566585	394716	7079235
1566586	394765	7079239
1566586	394765	7079239
1566587	394815	7079246
1566589	394869	7079253
1566590	394924	7079258
1566591	394976	7079257
1566651	397050	7083349
1566652	396999	7083351
1566653	396948	7083349
1566654	396901	7083350
1566655	396849	7083349
1566656	396800	7083350
1566657	396751	7083350
1566658	396696	7083350
1566659	396650	7083350
1566660	396599	7083353
1566661	396526	7083399
1566662	396476	7083401
1566663	396425	7083399
1566664	396379	7083401
1566665	396325	7083398

2015 Soil Sample Location

Sample_ID	East_NAD83_Z8	North_NAD83_Z8
1566667	396272	7083398
1566668	396177	7083401
1566669	396126	7083401
1566670	396076	7083401
1566671	396227	7083401
1566671	396024	7083397
1566672	395977	7083400
1566673	395926	7083406
1566674	395877	7083402
1566675	395823	7083398
1566676	395774	7083399
1566677	395726	7083399
1566678	395676	7083401
1566679	395625	7083399
1566680	395577	7083399
1566681	395601	7083354
1566682	395650	7083350
1566683	395701	7083350
1566684	395748	7083350
1566685	395797	7083359
1566686	395850	7083351
1566687	395900	7083348
1566688	395950	7083349
1566689	396001	7083345
1566690	396053	7083344
1566691	396106	7083342
1566692	396148	7083350
1566693	396199	7083347
1566694	396249	7083349
1566695	396299	7083352
1566696	396356	7083348
1566697	396401	7083351
1566698	396450	7083350
1566699	396503	7083351
1566700	396576	7083497
1566701	396274	7083001
1566701	396274	7083001
1566702	396235	7083003
1566702	396235	7083003
1566703	396175	7083000
1566703	396175	7083000
1566704	396125	7083002
1566705	396075	7082999
1566706	396027	7083000
1566707	395974	7083000
1566708	395925	7082998

2015 Soil Sample Location

Sample_ID	East_NAD83_Z8	North_NAD83_Z8
1566709	395878	7082999
1566710	395826	7082999
1566711	395778	7083001
1566712	395724	7082999
1566713	395678	7082999
1566714	395621	7083002
1566715	395575	7082998
1566715	395575	7082998
1566716	395529	7082999
1566717	395476	7082998
1566718	395424	7083002
1566719	395377	7082999
1566720	395327	7082999
1566721	395274	7082999
1566722	395274	7082901
1566723	395324	7082901
1566724	395383	7082909
1566725	395426	7082903
1566726	395473	7082901
1566727	395525	7082900
1566728	395575	7082902
1566729	395623	7082904
1566730	395674	7082902
1566731	395723	7082898
1566732	395774	7082902
1566733	395827	7082901
1566734	395874	7082903
1566735	395927	7082901
1566736	395975	7082903
1566737	396024	7082902
1566738	396074	7082901
1566739	396122	7082898
1566740	396175	7082900
1566741	395924	7082802
1566742	395826	7082792
1566743	395736	7082753
1566744	395636	7082738
1566745	395534	7082737
1566746	395435	7082730
1566747	395335	7082722
1566748	395289	7082639
1566749	395230	7082555
1566750	395202	7082459
1566751	398312	7083538
1566752	398294	7083491
1566753	398272	7083446

2015 Soil Sample Location

Sample_ID	East_NAD83_Z8	North_NAD83_Z8
1566754	398261	7083398
1566755	398262	7083346
1566756	398271	7083297
1566757	398296	7083249
1566758	398323	7083206
1566759	398361	7083170
1566760	398401	7083142
1566761	398410	7083094
1566762	398408	7083045
1566763	398381	7083000
1566764	398350	7082960
1566765	398317	7082923
1566765	398317	7082923
1566766	398286	7082884
1566767	398268	7082836
1566768	398236	7082801
1566769	398201	7082768
1566770	398154	7082752
1566771	398111	7082722
1566772	398065	7082703
1566773	398021	7082680
1566774	397978	7082653
1566775	397944	7082615
1566776	397911	7082579
1566777	397873	7082551
1566778	397826	7082528
1566779	397780	7082508
1566780	397745	7082475
1566781	397697	7082459
1566782	397648	7082460
1566783	397636	7082411
1566784	397639	7082362
1566785	397648	7082312
1566786	397642	7082263
1566787	397660	7082217
1566788	397704	7082190
1566789	397737	7082154
1566790	397741	7082105
1566791	397715	7082064
1566792	397762	7082088
1566793	397751	7082039
1566794	397724	7081999
1566795	397692	7081964
1566796	397665	7081924
1566797	397628	7081890
1566798	397591	7081856

2015 Soil Sample Location

Sample_ID	East_NAD83_Z8	North_NAD83_Z8
1566799	397563	7081815
1566800	397557	7081764
1566801	397522	7081731
1566802	397471	7081735
1566803	397422	7081722
1566804	397371	7081724
1566805	397327	7081748
1566806	397280	7081767
1566807	397230	7081773
1566808	397181	7081773
1566809	397137	7081751
1566810	397116	7081708
1566811	397085	7081670
1566812	397064	7081622
1566813	397027	7081580
1566814	396979	7081599
1566814	396979	7081599
1566815	396927	7081611
1566816	396878	7081598
1566817	396828	7081588
1566818	396774	7081575
1566819	396722	7081571
1566820	396672	7081586
1566821	392373	7079773
1566822	392389	7079725
1566823	392407	7079679
1566824	392429	7079633
1566825	397545	7079375
1566826	397525	7079423
1566827	397425	7079539
1566828	397394	7079579
1566829	397351	7079607
1566830	397307	7079634
1566831	397254	7079642
1566832	397207	7079659
1566833	397159	7079678
1566834	397114	7079702
1566835	397069	7079728
1566836	397027	7079756
1566837	396986	7079790
1566838	396943	7079816
1566839	396905	7079850
1566840	396855	7079853
1566841	396808	7079881
1566842	396761	7079906
1566843	396713	7079908

2015 Soil Sample Location

Sample_ID	East_NAD83_Z8	North_NAD83_Z8
1566844	396662	7079912
1566845	396611	7079914
1566846	396561	7079922
1566847	396511	7079913
1566848	396462	7079937
1566849	396413	7079953
1566850	396365	7079967
1566851	396316	7079957
1566852	396268	7079943
1566853	396221	7079931
1566854	396173	7079913
1566855	396127	7079891
1566856	396074	7079896
1566857	396023	7079895
1566858	395974	7079884
1566859	395920	7079891
1566860	395868	7079899
1566861	395817	7079895
1566862	395767	7079906
1566863	395717	7079915
1566864	395689	7079961
1566865	395657	7080000
1566866	395618	7080029
1566867	395586	7080069
1566868	395556	7080110
1566869	395533	7080157
1566870	395507	7080200
1566871	395473	7080241
1566872	395469	7080292
1566873	395466	7080343
1566874	395461	7080395
1566875	397420	7083687
1566876	397398	7083731
1566877	397354	7083709
1566878	397318	7083673
1566879	397278	7083643
1566880	397227	7083632
1566881	397179	7083617
1566882	397129	7083607
1566883	397085	7083585
1566884	397040	7083557
1566885	396999	7083530
1566886	396963	7083495
1566887	396920	7083467
1566888	396868	7083466
1566889	396817	7083467

2015 Soil Sample Location

Sample_ID	East_NAD83_Z8	North_NAD83_Z8
1566890	396766	7083474
1566891	396715	7083483
1566892	396663	7083474
1566893	396613	7083465
1566894	396574	7083434
1566894	396574	7083434
1566895	396557	7083385
1566896	396546	7083336
1566897	396521	7083292
1566898	396506	7083242
1566899	396487	7083196
1566900	396464	7083151
1566901	396435	7083109
1566902	396396	7083075
1566903	396353	7083050
1566904	396311	7083023
1566905	396274	7082988
1566906	396248	7082945
1566908	396187	7082866
1566909	396172	7082818
1566910	396155	7082771
1566911	396130	7082725
1566912	396142	7082673
1566913	396139	7082623
1566914	396147	7082571
1566915	396173	7082530
1566916	396212	7082496
1566917	396250	7082465
1566918	396299	7082449
1566919	396345	7082428
1566920	396388	7082402
1566921	396575	7083400
1566922	396626	7083400
1566923	396676	7083400
1566924	396726	7083400
1566925	396775	7083400
1566926	396825	7083400
1566927	396876	7083400
1566928	396927	7083400
1566929	396974	7083401
1566930	397025	7083401
1566931	397076	7083400
1566932	397126	7083401
1566933	397149	7083396
1566934	397175	7083401
1566935	397226	7083398

2015 Soil Sample Location

Sample_ID	East_NAD83_Z8	North_NAD83_Z8
1566936	397275	7083399
1566937	397325	7083400
1566938	397375	7083402
1566939	397401	7083407
1566940	397425	7083400
1566941	397476	7083399
1566942	397502	7083348
1566943	397450	7083351
1566944	397398	7083352
1566945	397352	7083350
1566946	397300	7083350
1566947	397251	7083350
1566948	397201	7083353
1566949	397152	7083351
1566950	397098	7083348
1567004	396250	7078650
1567005	396297	7078651
1567006	396350	7078651
1567007	396399	7078649
1567008	396449	7078645
1567009	396500	7078650
1567010	396551	7078652
1567011	396597	7078652
1567012	396651	7078651
1567013	396699	7078652
1567014	396748	7078646
1567015	396798	7078649
1567016	396849	7078649
1567016	396849	7078649
1567017	396896	7078650
1567018	396951	7078651
1567019	397002	7078647
1567019	397002	7078647
1567020	397051	7078651
1567021	397101	7078647
1567022	397151	7078651
1567023	397204	7078650
1567024	397251	7078650
1567025	396527	7083500
1567026	396474	7083501
1567027	396424	7083498
1567028	396375	7083499
1567029	396325	7083500
1567030	396275	7083500
1567031	396225	7083500
1567032	396170	7083499

2015 Soil Sample Location

Sample_ID	East_NAD83_Z8	North_NAD83_Z8
1567033	396124	7083499
1567034	396077	7083502
1567035	396024	7083496
1567036	395976	7083504
1567037	395925	7083502
1567038	395877	7083501
1567039	395827	7083498
1567040	395777	7083499
1567041	395724	7083497
1567042	395699	7083598
1567043	395751	7083601
1567044	395799	7083597
1567045	395850	7083600
1567046	395899	7083599
1567047	395950	7083600
1567047	395950	7083600
1567048	395998	7083597
1567049	396050	7083602
1567050	396099	7083598
1567051	396151	7083599
1567052	396200	7083600
1567052	396200	7083600
1567053	396249	7083604
1567054	396302	7083600
1567054	396302	7083600
1567055	396349	7083600
1567056	396398	7083603
1567057	396448	7083601
1567058	396499	7083599
1567059	396554	7083606
1567060	392451	7079592
1567061	392488	7079559
1567062	392527	7079525
1567063	392557	7079484
1567064	392586	7079443
1567065	392611	7079399
1567066	392644	7079361
1567067	392692	7079347
1567068	392742	7079341
1567069	392793	7079344
1567070	392842	7079349
1567071	392895	7079348
1567072	392942	7079351
1567073	392993	7079351
1567074	393042	7079354
1567075	393092	7079360

2015 Soil Sample Location

Sample_ID	East_NAD83_Z8	North_NAD83_Z8
1567076	393142	7079369
1567077	393190	7079378
1567078	393240	7079388
1567079	393291	7079393
1567080	393342	7079392
1567081	393393	7079392
1567082	393444	7079407
1567083	393491	7079429
1567084	393522	7079495
1567151	395159	7082369
1567152	395115	7082277
1567153	395077	7082271
1567154	394978	7082270
1567155	394909	7082196
1567156	394947	7082102
1567157	394971	7082003
1567158	395008	7081910
1567159	395033	7081812
1567160	395077	7081723
1567160	395077	7081723
1567161	395105	7081627
1567162	397250	7078798
1567163	397203	7078804
1567164	397150	7078800
1567165	397098	7078802
1567166	397048	7078799
1567167	396996	7078802
1567168	396950	7078801
1567169	396903	7078801
1567170	396654	7078750
1567171	396701	7078749
1567172	396750	7078750
1567173	396801	7078752
1567174	396850	7078749
1567175	396903	7078747
1567176	396950	7078750
1567177	397001	7078752
1567178	397050	7078751
1567179	397099	7078754
1567180	397151	7078750
1567181	397200	7078749
1567182	397250	7078750
1567183	397251	7078701
1567184	397199	7078698
1567185	397152	7078698
1567186	397100	7078702

2015 Soil Sample Location

Sample_ID	East_NAD83_Z8	North_NAD83_Z8
1567187	397048	7078702
1567188	397001	7078701
1567189	396948	7078701
1567190	396900	7078704
1567191	396851	7078702
1567192	396798	7078704
1567193	396752	7078703
1567194	396702	7078701
1567195	396653	7078701
1567196	396601	7078700
1567197	396552	7078703
1567198	396498	7078702
1567199	396453	7078705
1567200	396399	7078703
1567203	393473	7084097
1567204	393436	7084062
1567205	393403	7084023
1567206	393367	7083988
1567207	393330	7083952
1567208	393289	7083921
1567209	393255	7083883
1567210	393217	7083848
1567211	393182	7083814
1567212	393138	7083784
1567213	393095	7083751
1567214	393059	7083716
1567215	393019	7083685
1567216	392983	7083648
1567217	392938	7083615
1567219	392885	7083575
1567220	392838	7083556
1567221	392794	7083531
1567222	392705	7083470
1567223	392553	7083374
1567224	392511	7083283
1567225	392483	7083188
1567226	392385	7083169
1567227	392327	7083087
1567228	392269	7083003
1567229	392203	7082928
1567230	392160	7082837
1567231	392120	7082745
1567232	392058	7082666

Appendix II- Assay Results



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

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PHONE (604) 253-3158

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
P.O. Box 49215
Suite 584 - 1055 Dunsmuir St.
Vancouver BC V7X 1K8
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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Vancouver BC V7X 1K8 CANADA

Project: Clear Creek

Report Date: November 13, 2015

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Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI15000231.1

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	La
			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	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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Project: Clear Creek

Report Date: November 13, 2015

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CERTIFICATE OF ANALYSIS

WHI15000231.1

Method	Analyte	AQ201	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	
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	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 Analyte	Unit	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
		MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL
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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Method	Analyte	AQ201	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	
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	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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			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	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	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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CERTIFICATE OF ANALYSIS

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Method	Analyte	AQ201	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	
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	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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Method Analyte Unit MDL	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	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	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	AQ201	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	
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	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 Analyte	AQ201																				
	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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CERTIFICATE OF ANALYSIS

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Method	Analyte	AQ201	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	
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	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 Analyte Unit MDL	AQ201	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	%	%	%	
	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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		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	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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Method Analyte	Unit	MDL	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	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
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	AQ201	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	
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	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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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
MDL		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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CERTIFICATE OF ANALYSIS

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Method	Analyte	AQ201	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	
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	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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Method	Analyte	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
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	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
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	22
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	25
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
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	17
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
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	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
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	20
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
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	23
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
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	23
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
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	21
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
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	38
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	20
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	19
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	18
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	19
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	18
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	19
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	19
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	23
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	13
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	13
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	13



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Method	Analyte	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
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	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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Project: Clear Creek
Report Date: November 13, 2015

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QUALITY CONTROL REPORT

WHI15000231.1

		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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Report Date: November 13, 2015

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QUALITY CONTROL REPORT

WHI15000231.1

		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
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



BUREAU VERITAS MINERAL LABORATORIES
Canada

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Submitted By: Helena Kuikka
Receiving Lab: Canada-Whitehorse
Received: October 16, 2015
Report Date: November 23, 2015
Page: 1 of 3

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

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

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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Vancouver BC V7X 1K8
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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Project: Clear Creek

Report Date: November 23, 2015

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CERTIFICATE OF ANALYSIS

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	
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

WHI15000232.1

Method	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	FA550
Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	S	Au	
Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	gm/t	
MDL	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	<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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Project: Clear Creek

Report Date: November 23, 2015

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CERTIFICATE OF ANALYSIS

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	
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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CERTIFICATE OF ANALYSIS

WHI15000232.1

Method	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	FA550
Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	S	Au	
Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	gm/t	
MDL	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	<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	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	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																		



QUALITY CONTROL REPORT

WHI15000232.1

Method	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	MA300	FA550
Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	S	Au	
Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	gm/t	
MDL	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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Project: Clear Creek
Report Date: November 23, 2015

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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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Vancouver BC V7X 1K8 CANADA

Project: Clear Creek
Report Date: November 23, 2015

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QUALITY CONTROL REPORT

WHI15000232.1

		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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QUALITY CONTROL REPORT

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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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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
Prep Wash		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
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
1566907	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

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
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

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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
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

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
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

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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
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

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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
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

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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
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	
1566907	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

Sample_ID	East_NAD83_Z8	North_NAD83_Z8	Au XRF	As XRF	Ag XRF	Pb XRF	Zn XRF	Cu XRF	Au Lab ppm	As Lab ppm	Ag Lab ppm	Pb Lab ppm	Zn Lab ppm	Cu Lab ppm
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

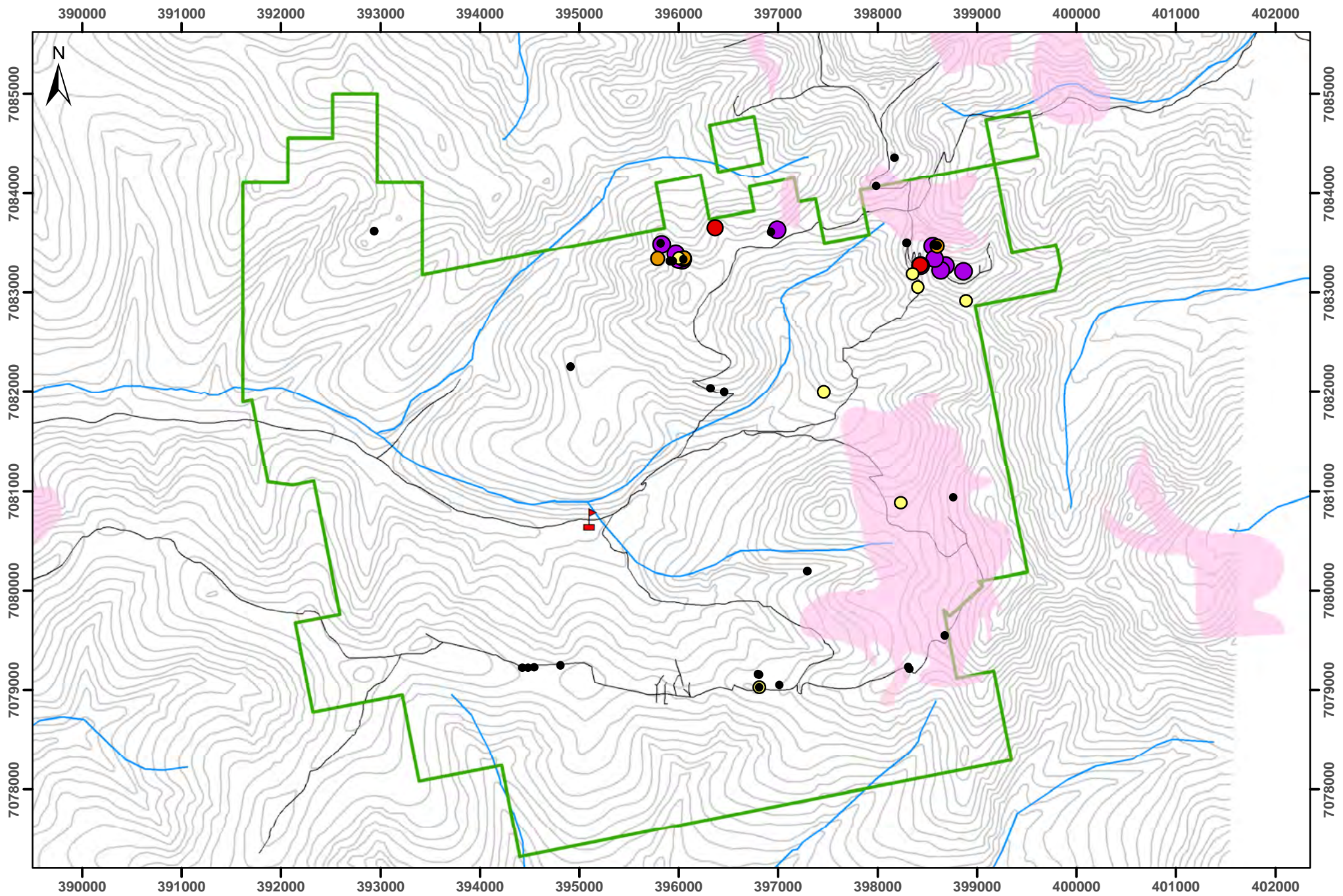
Soil XRF vs. Lab Assay


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						

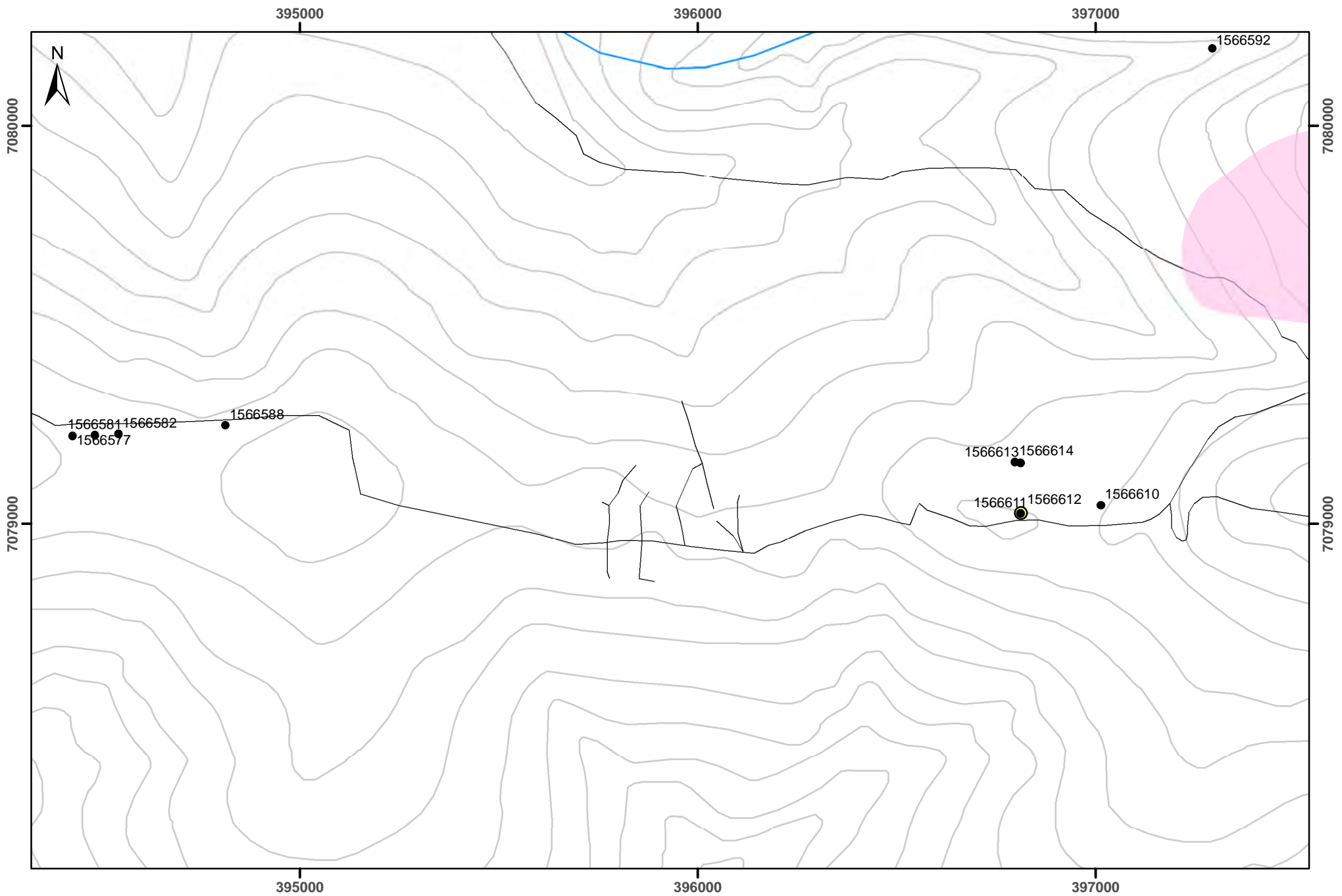
Soil XRF vs. Lab Assay

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						

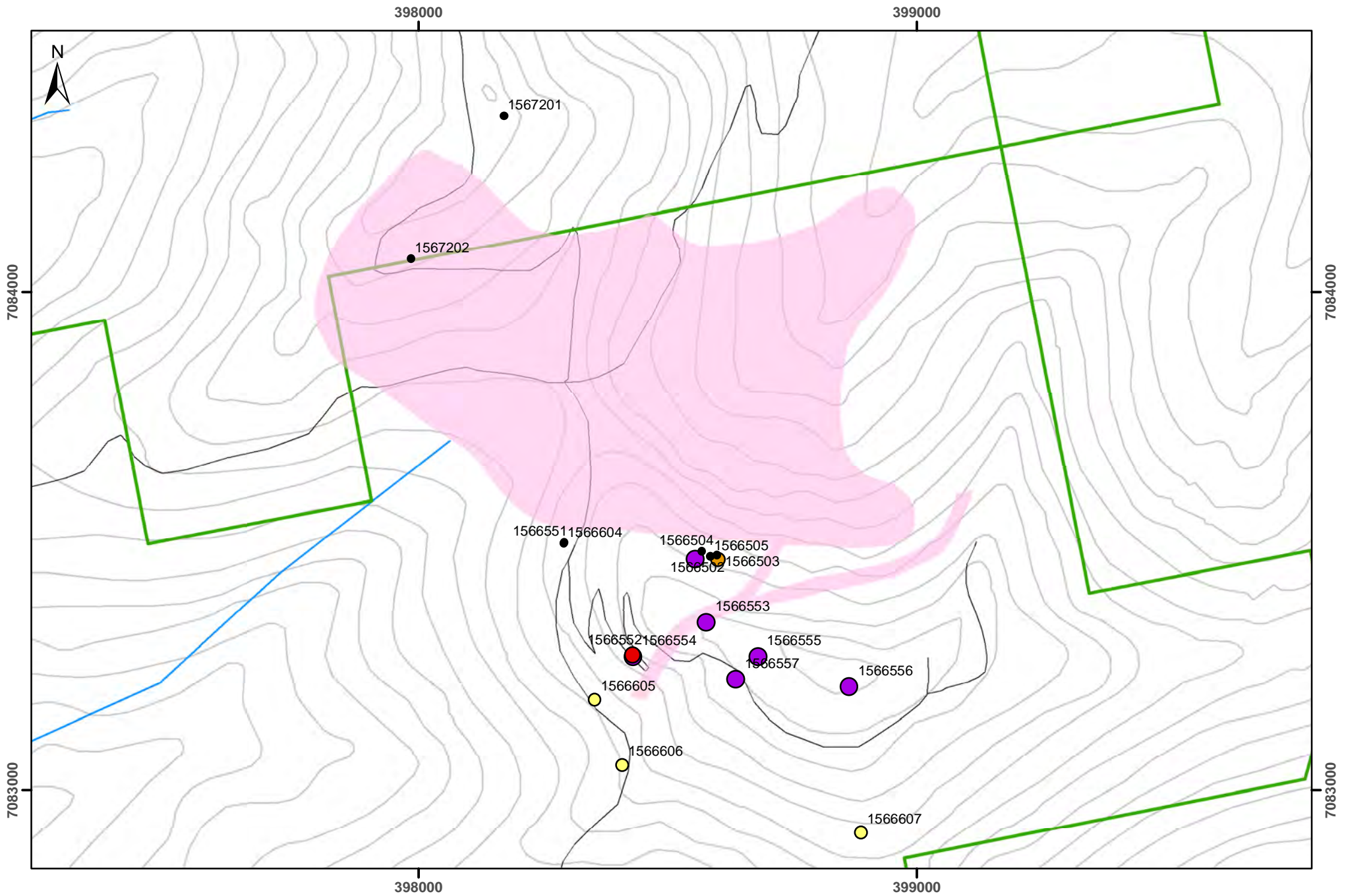
Appendix III- Maps



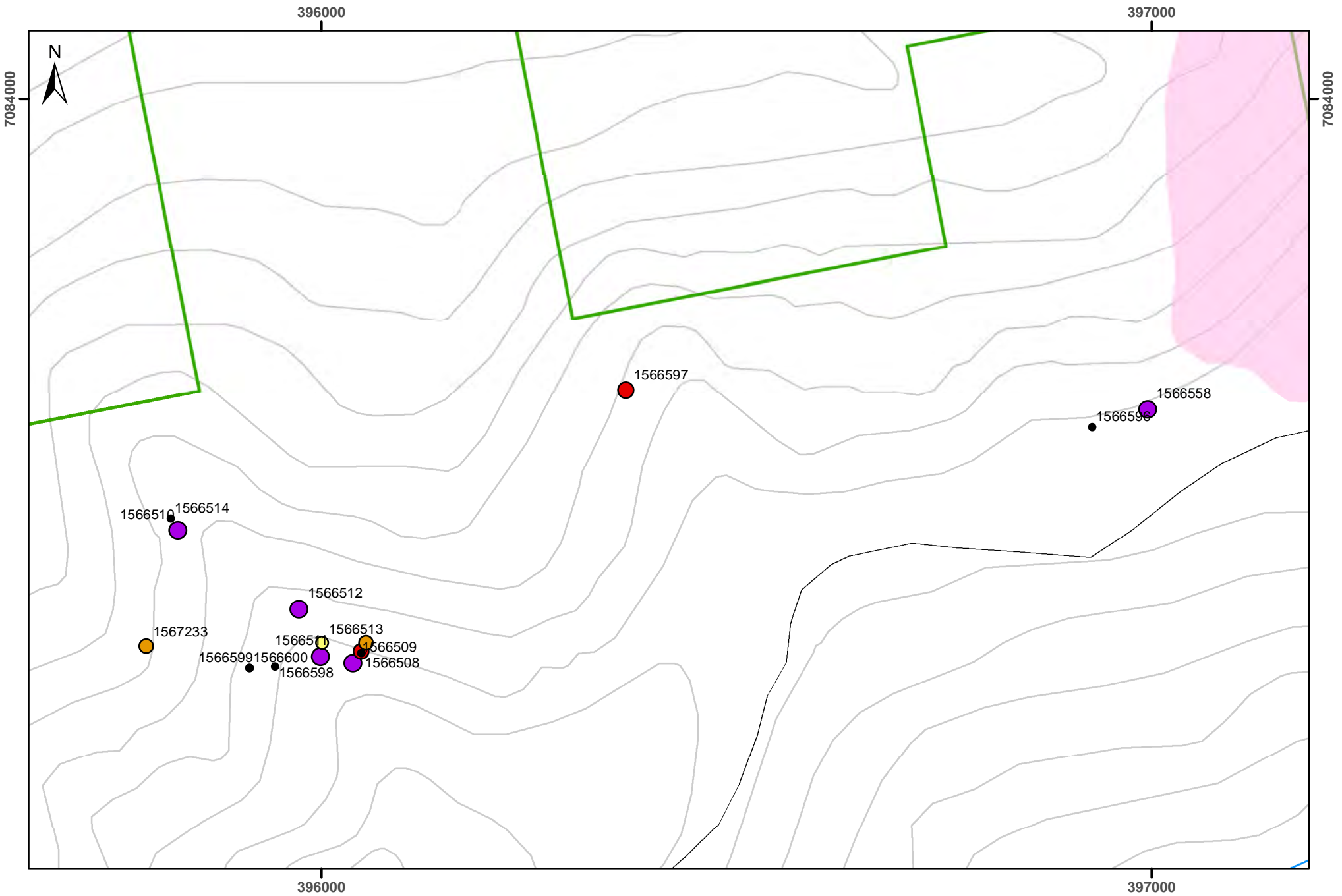
Legend Au_PPM ● <0.1 ● 0.1 - 0.5 ● 0.5 - 0.8 ● 0.8 - 2.0 ● >2.0 ■ Intrusion □ Claim_Outline 🚩 CC_CampLocation — Roads — Watercourse — Contours_100ft	Rock-Chip Samples Projection: NAD83 UTM8 Drawn By: H.Kuikka Date: Jan.22.2016 Figure:	CLEAR CREEK 2015 EXPLORATION 
	0 250 500 1,000 Meters	



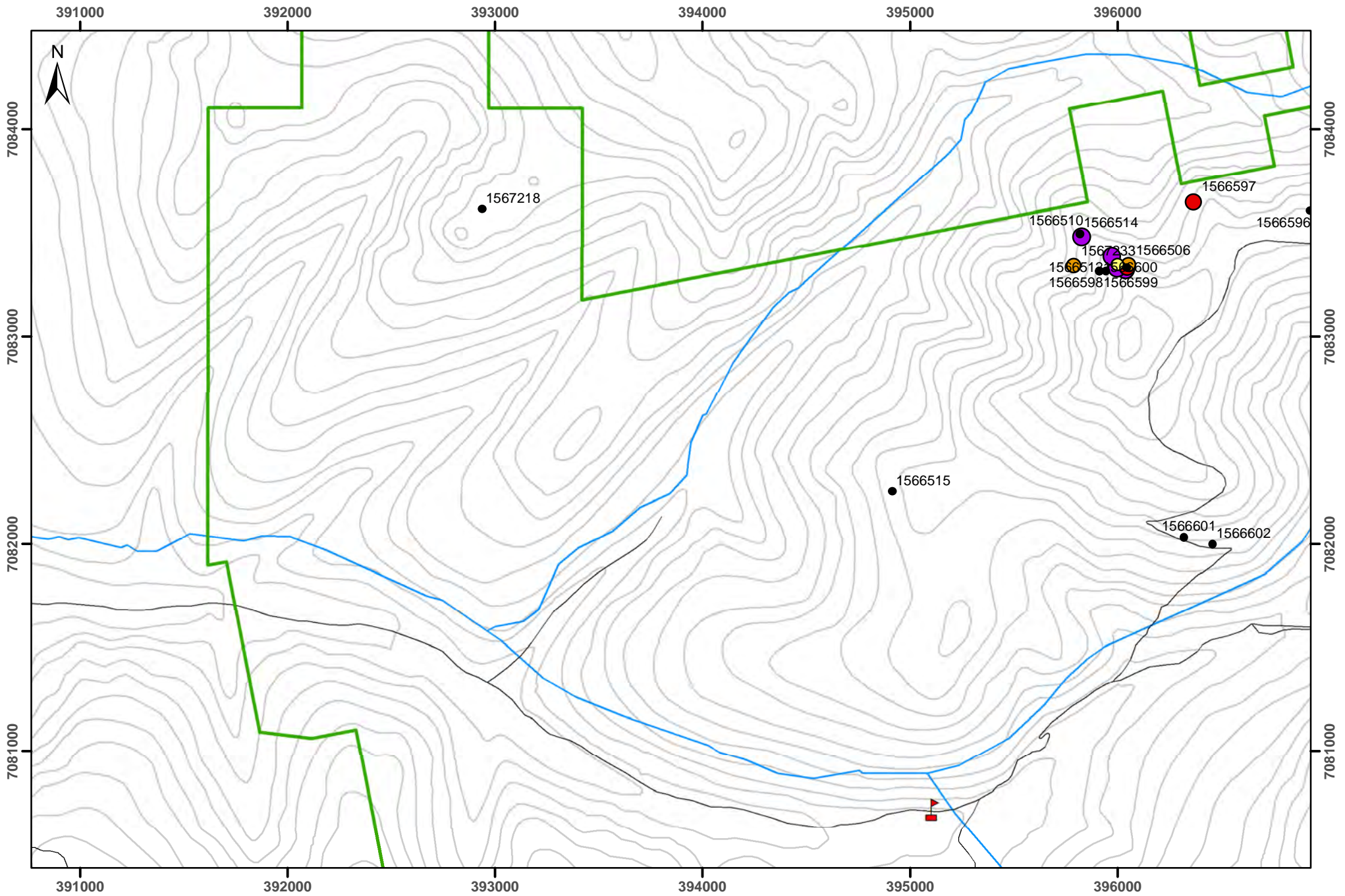
Legend Au_PPM ● <0.1 ● 0.1 - 0.5 ● 0.5 - 0.8 ● 0.8 - 2.0 ● >2.0 ■ Intrusion □ Claim_Outline CC_CampLocation — Roads — Watercourse — Contours_100ft	Bear Paw Rocks Projection: NAD83 UTM8 Drawn By: H.Kuikka Date: Jan.22.2016 Figure:	CLEAR CREEK 2015 EXPLORATION
	0 65 130 260 Meters	



Legend		Contact Zone Rocks		Projection: NAD83 UTM8	Drawn By: H.Kuikka	CLEAR CREEK 2015 EXPLORATION
Au_PPM	<ul style="list-style-type: none"> ● 0.5 - 0.8 ● 0.8 - 2.0 ● 0.1 - 0.5 ● >2.0 ● <0.1 	<ul style="list-style-type: none"> Intrusion Claim_Outline ▲ CC_CampLocation 	<ul style="list-style-type: none"> Roads Watercourse Contours_100ft 		Date: Jan.22.2016	



Legend Au_PPM ● <0.1 ● 0.1 - 0.5 ● 0.5 - 0.8 ● 0.8 - 2.0 ● >2.0 ■ Intrusion □ Claim_Outline CC_CampLocation — Roads — Watercourse — Contours_100ft	G2 Zone Rocks 0 30 60 120 Meters	Projection: NAD83 UTM8 Date: Jan.22.2016	Drawn By: H.Kuikka Figure:	CLEAR CREEK 2015 EXPLORATION



Legend			
Au_PPM	0.5 - 0.8	Intrusion	Roads
	<0.1	Claim_Outline	Watercourse
	0.1 - 0.5	CC_CampLocation	Contours_100ft
	>2.0		

Rock Chip

Meters

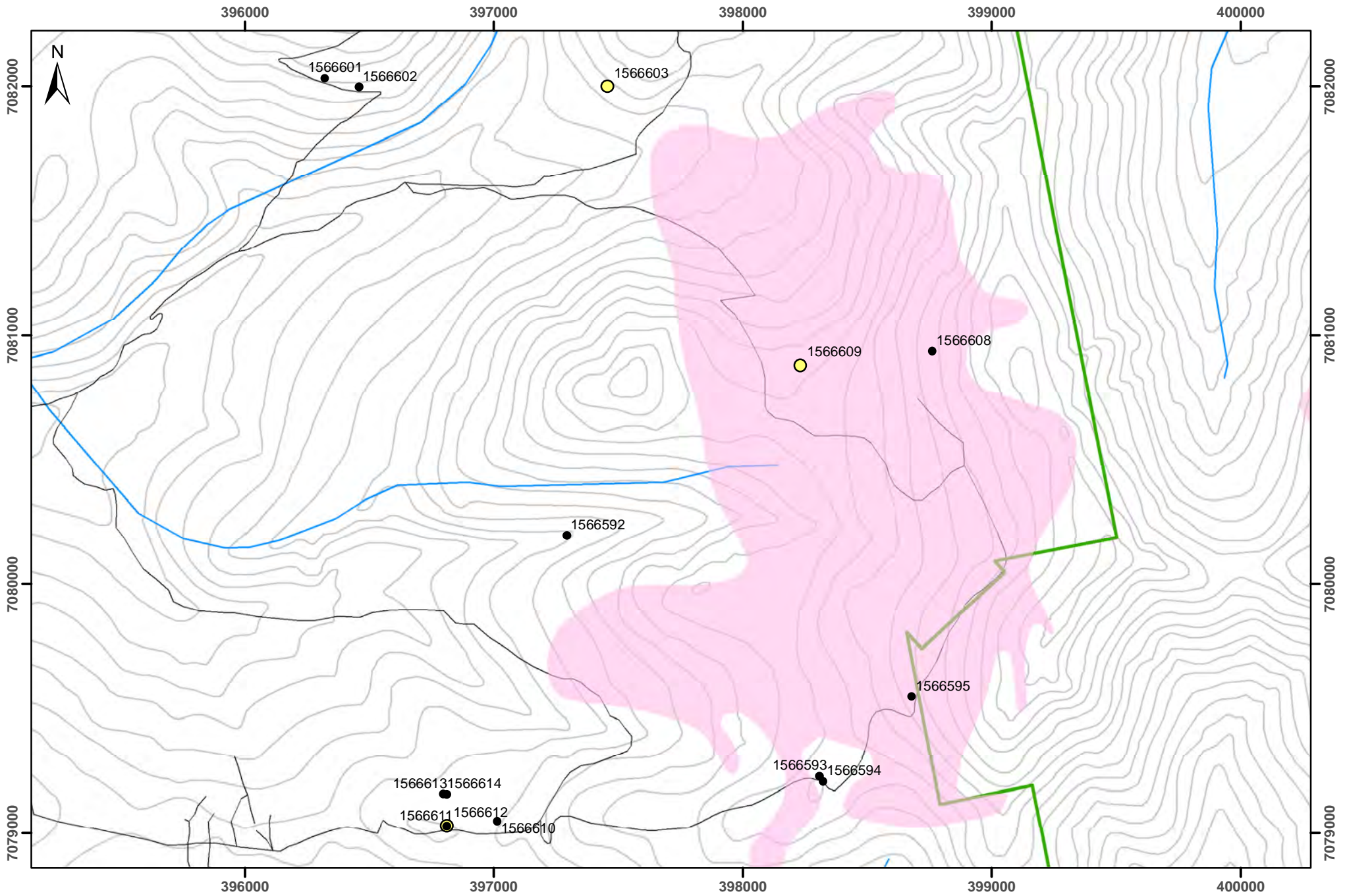
Projection:
NAD83 UTM8

Date:
Jan.22.2016

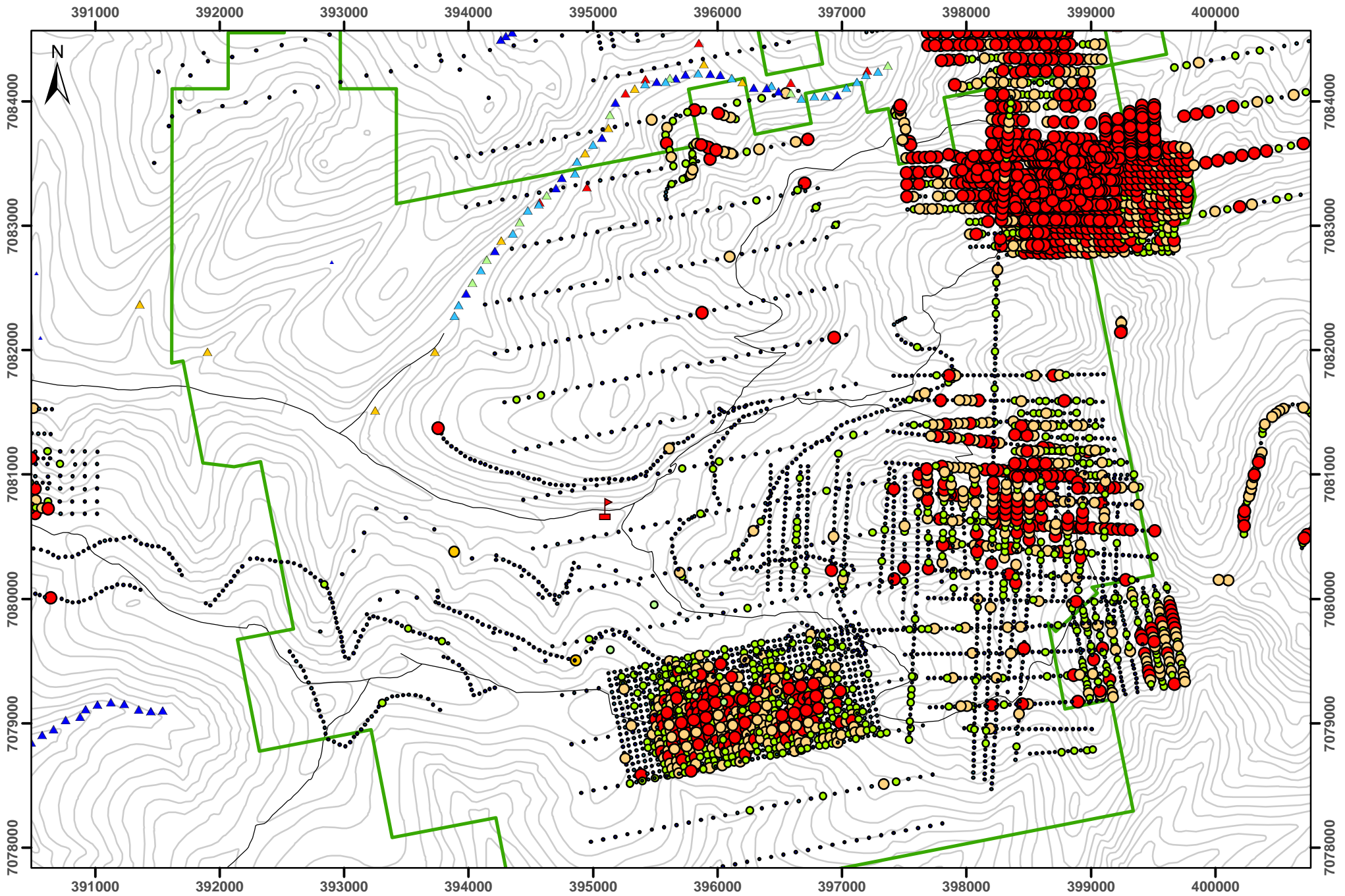
Drawn By:
H.Kuikka

Figure:

**CLEAR CREEK
2015 EXPLORATION**



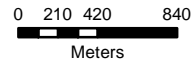
Legend		Rhosgobel Rocks		Projection: NAD83 UTM8	Drawn By: H.Kuikka	CLEAR CREEK 2015 EXPLORATION	
Au_PPM	<ul style="list-style-type: none"> ● 0.5 - 0.8 ● 0.8 - 2.0 ● 0.1 - 0.5 ● >2.0 ● <0.1 	<ul style="list-style-type: none"> Intrusion Claim_Outline ▬ CC_CampLocation 	<ul style="list-style-type: none"> — Roads — Watercourse — Contours_100ft 	<p>0 105 210 420 Meters</p>			Date: Jan.22.2016
						<p>Victoria GOLD CORP</p>	



Legend

- | | | | | |
|----------|-----------|---------|-------------------|------------------|
| • 0 - 6 | ● 15 - 30 | ▲ 7-12 | ▭ Claim_Outline | — Roads |
| • 6 - 15 | ● 30 - 60 | ▲ 12-25 | ▭ CC_CampLocation | — Contours_100ft |
| | ● >60 | ▲ <4 | | |
| | | ▲ 4-7 | | |
| | | ▲ >25 | | |

Historical Soil and Silt Data



Projection:
NAD83 UTM8

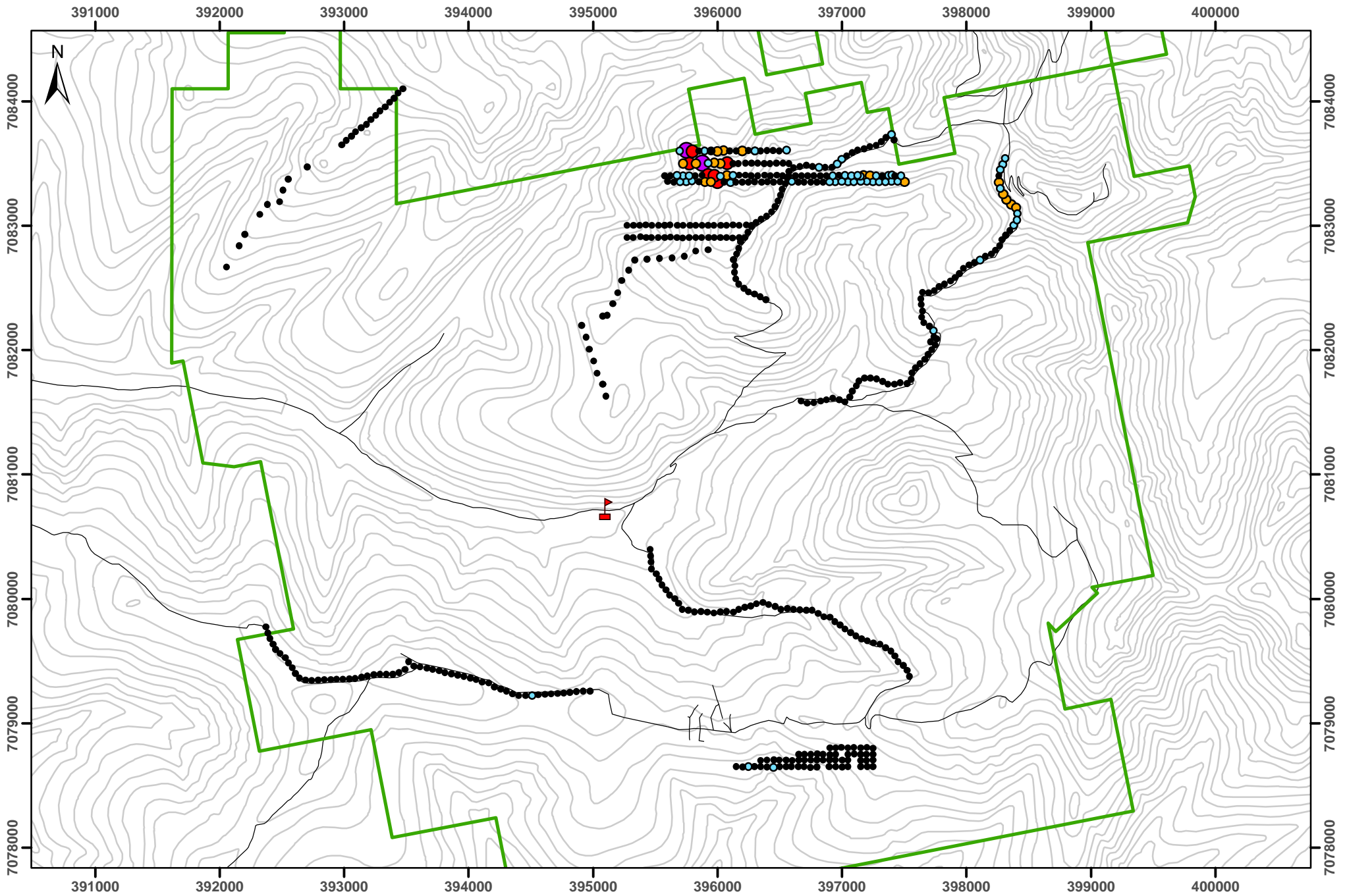
Drawn By:
H.Kuikka

Date:
Jan.22.2016

Figure:

**CLEAR CREEK
2015 EXPLORATION**





Legend	
As_	
● <250	● 620-1200
● 250-620	● 1200-2400
● >2400	● >2400
□ Claim_Outline	— Roads
▲ CC_CampLocation	— Contours_100ft

2015 XRF Soil Data
Arsenic ppm

Meters

Projection:
NAD83 UTM8

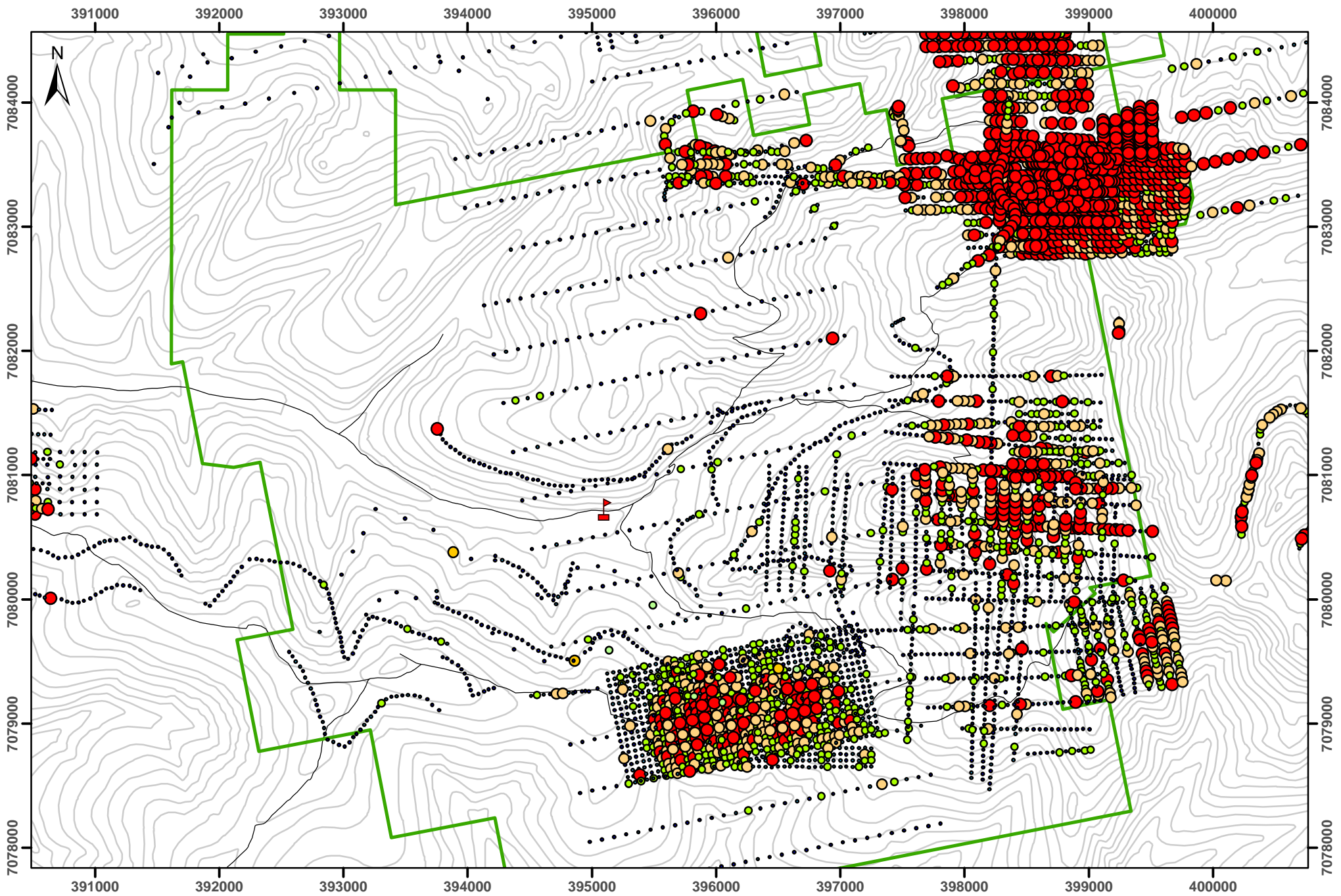
Date:
Jan.22.2016

Drawn By:
H.Kuikka

Figure:

CLEAR CREEK
2015 EXPLORATION

Victoria
GOLD CORP



Legend

Au	● 0 - 6	● 6 - 15	● 15 - 30	● 30 - 60	● >60	□ Claim_Outline	— Roads	— Contours_100ft
						▲ CC_CampLocation		

**All Soil Data
Gold ppb**

0 210 420 840
Meters

Projection: NAD83 UTM8	Drawn By: H.Kuikka
Date: Jan.22.2016	Figure:

**CLEAR CREEK
2015 EXPLORATION**

Victoria
GOLD CORP

Appendix IV- Sample Photos



Logged by: _____

Sample ID



1566501



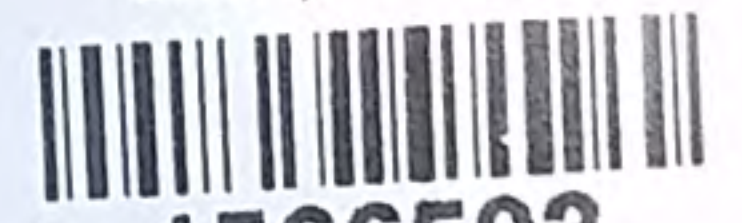
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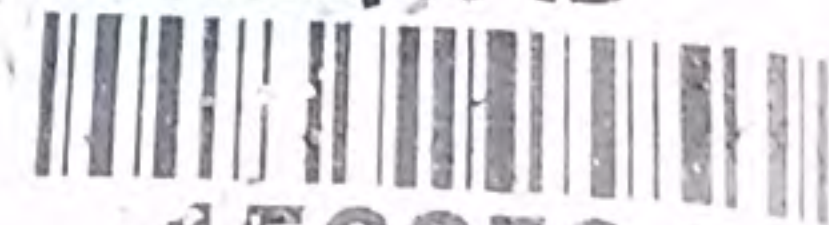
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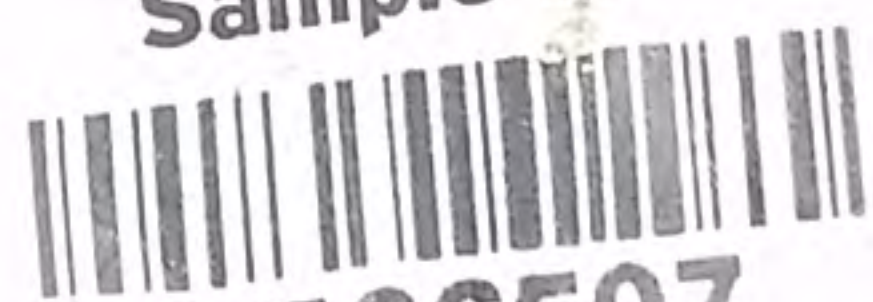
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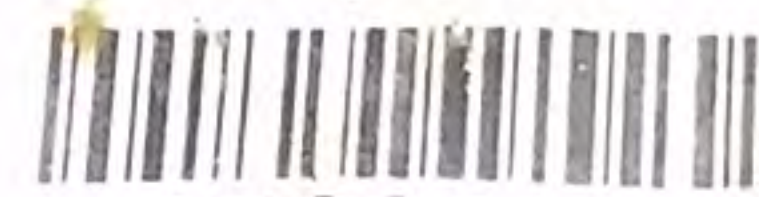


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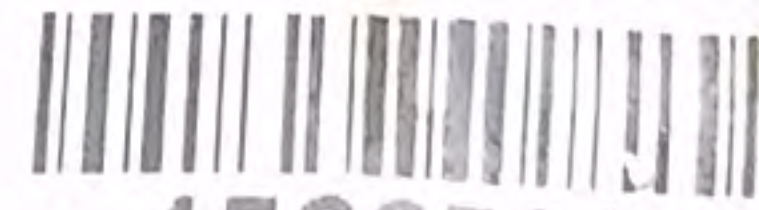
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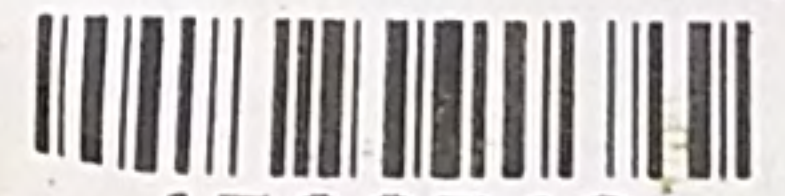
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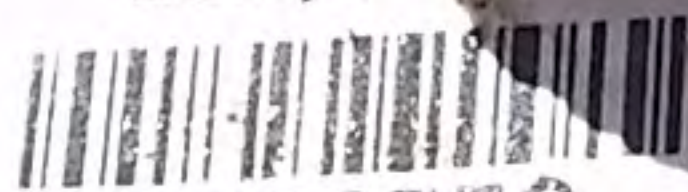
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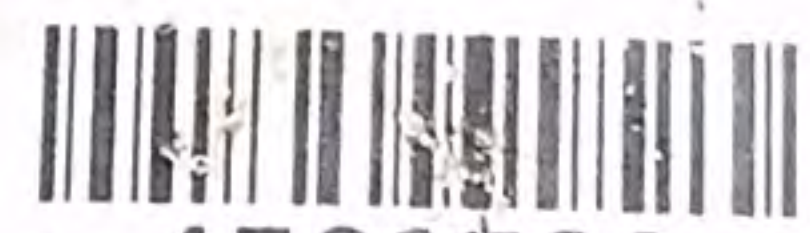


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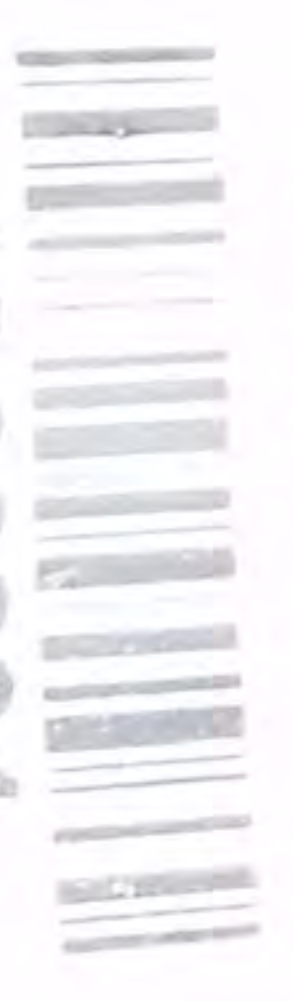
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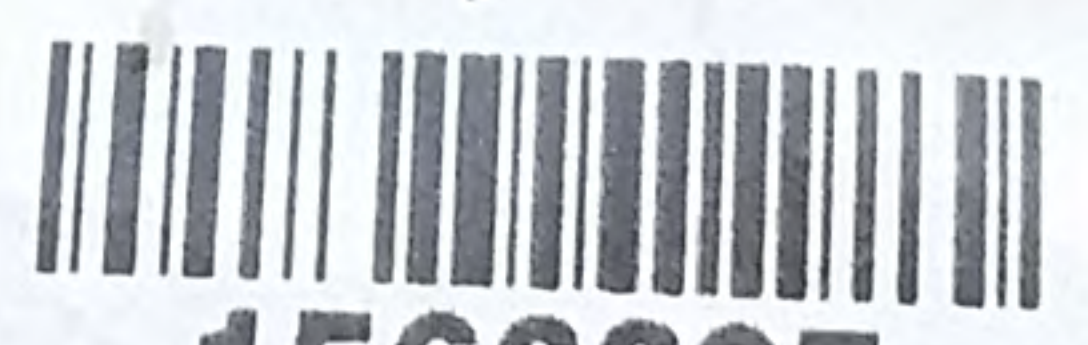
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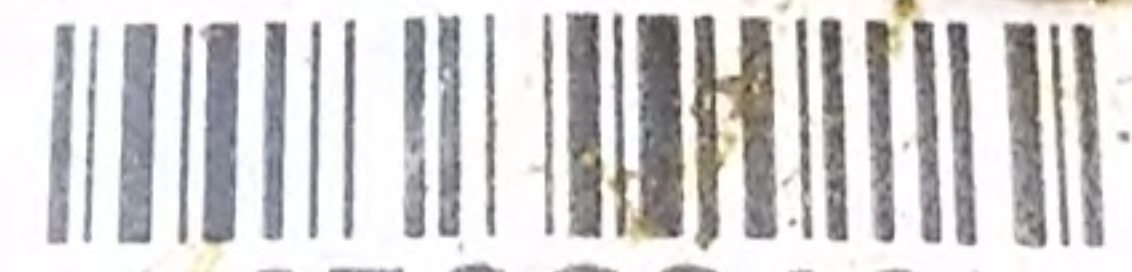
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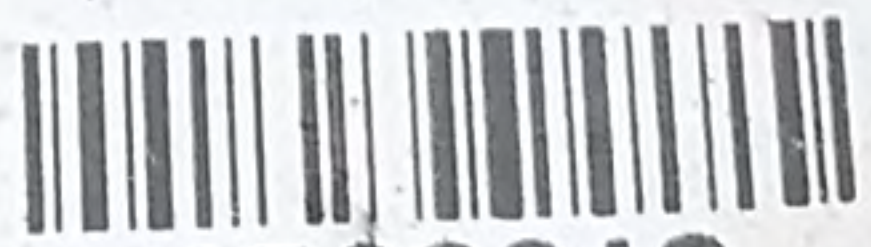


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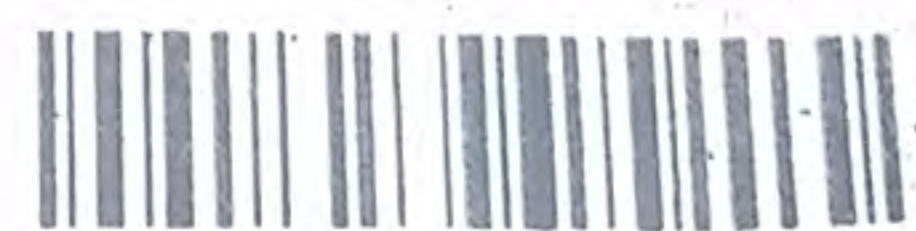


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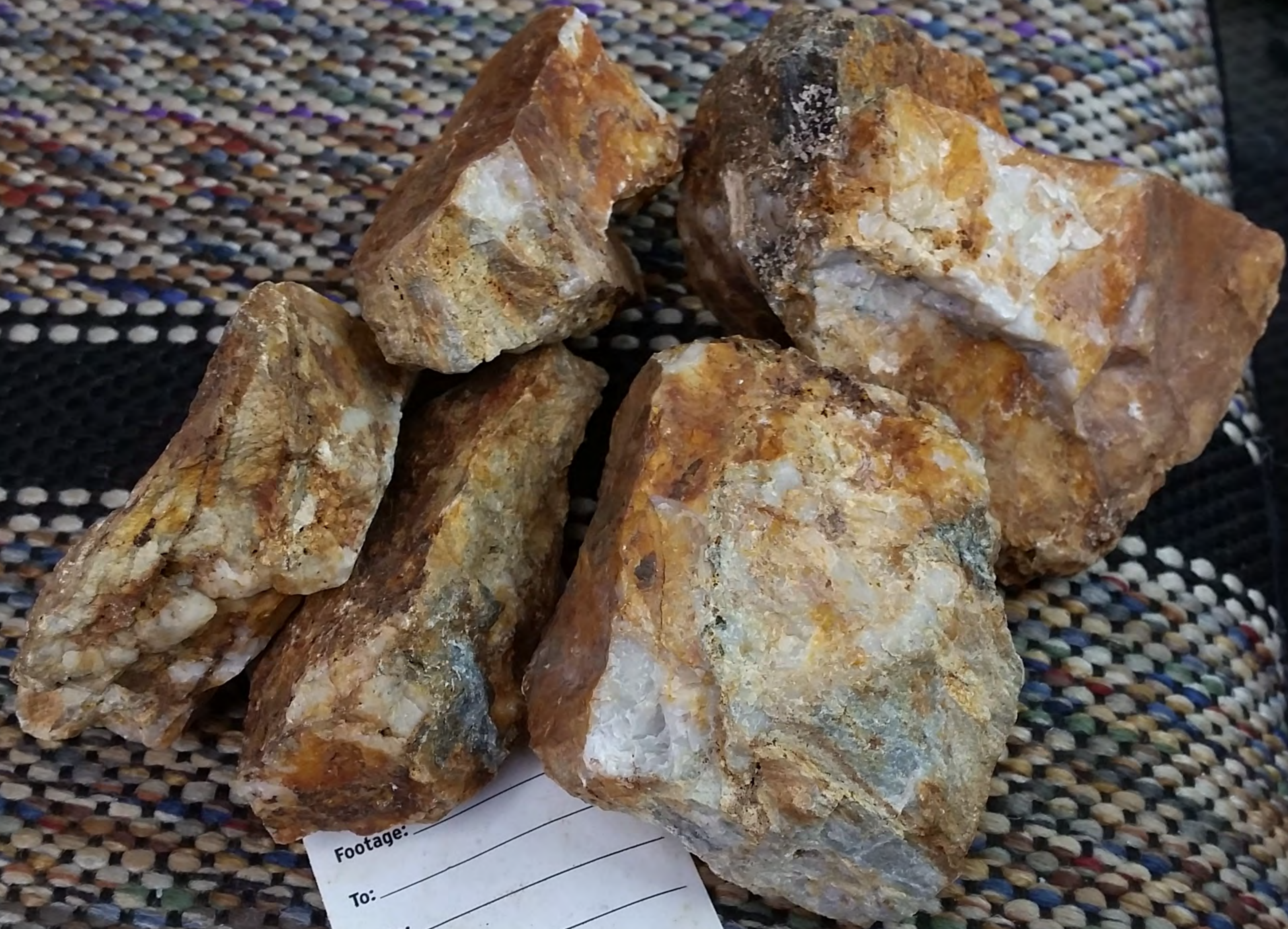
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Appendix V- Carl Schulze Memo

Memo: Review of the 2015 Program on the Clear Creek Project,

For: Victoria Gold Corporation

By: Carl Schulze, Chief Consultant, All-Terrane Mineral Exploration Services

Date: December 3, 2015

Introduction

From June 30 to July 9, 2015, Carl Schulze, Chief Consultant for All-Terrane Mineral Exploration Services of Whitehorse, Yukon, joined a four-person exploration crew, already in progress, conducting regional and grid soil surveying, geological mapping and rock sampling on Victoria Gold Corporation's (Victoria Gold) Clear Creek property, in west-central Yukon. Mr. Schulze was tasked with two main activities: to re-log select intervals of previously logged and sampled diamond drill core from the Bear Paw and Contact zones; and to conduct traverses across the Contact, Rhosgobel and Bear Paw zones, to evaluate mineral potential and to acquire an understanding of the geological and mineralogical settings of these zones.

This document provides a synopsis of results from activities conducted by the 2015 crew, including analytical results from rock and soil sampling. This document also provides a brief discussion and conclusions from the 2015 program.

Geological Setting

Note: This section consists of excerpts taken from the assessment report entitled: Progress Report and Year-2005 Results on the Clear Creek Project, Thor Explorations Ltd." by Carl Schulze.

The Clear Creek property is located within the Selwyn Basin, a thick sequence of shelf and off-shelf sedimentary and lesser volcanic strata along the margin of the Mackenzie Platform to the northeast (Gordey and Anderson, 1993). Clastic sedimentary strata were deposited from late Precambrian to Triassic time, primarily within subaqueous environments during various episodes of uplift, separated by intervals of deposition of chemical and fine clastic sediments during periods of relative quiescence. During the early Late Cretaceous period, the 91 MA Tombstone Plutonic Suite, part of the Tintina Gold Belt, intruded the Selwyn Basin stratigraphy as well as Yukon-Tanana Terrane stratigraphy to the west. These are S-type felsic intrusions derived from crustal melting, forming an arcuate belt of intrusions extending east-southeast from the Fairbanks area to the Yukon-British Columbia border. A second intrusive suite, the Late Cretaceous – early Tertiary McQuesten suite, extends east-west along the southern margins of the Clear Creek area. Age dating of one member of this, the Vancouver Creek stock southeast of the project area, returned a date of 65.8 MA (Lueck, 1994).

The Clear Creek area is underlain by Upper Proterozoic to Lower Cambrian Hyland Group, Yusezyu Formation sediments consisting largely of pelites, psammites, coarse clastic "grits" and quartzites, with lesser limestone and marble, calcareous clastic sediments and chemical and clastic sediments. This has

been intruded by a cluster of Tombstone Suite stocks, including, from south to north, the Rhosgobel, Big Creek (east of the Rhosgobel) Pukelman, Josephine and Eiger stocks (Schulze, 2005).

Four major lithological subtypes have been identified within the cluster of Clear Creek intrusions. These may reflect separate emplacement events of varyingly fractionated magma from a single parent source at depth, as all stocks are roughly the same age and are contained within a single large zone of hornfelsing (Murphy, 2003, pers comm). Lithologies consist of diorite, comprising the Josephine and Big Creek stocks; granodiorite, comprising the Eiger stock; quartz monzonite, comprising the Rhosgobel and Pukelman stocks; and granitic units, occurring largely as southern and western portions of the Rhosgobel Stock, and as apophyses of it (Stephens, 2003, after Murphy, 1997 and Marsh, 1999).

The McQuesten Suite intrusions, including the Vancouver Creek stock, consist mostly of biotite +/- muscovite granite to quartz monzonitic composition, are medium to coarse grained, and locally porphyritic and potassium-feldspar megacrystic (Murphy and Heon, 1996). Although no evidence of glaciation is visible at higher elevations, valley floors of larger streams throughout the area are covered by unconsolidated Quaternary sediments (Schulze, 2005).

2015 Work Program

The 2015 work program focused on: the Contact Zone, hosted mainly by phyllites and lesser quartzites along the south margin of the Pukelman stock; the Bear Paw zone, consisting of strongly brecciated phyllites containing abundant quartz-feldspar porphyritic dykes; areas to the west of the Contact Zone where previous soil sampling returned sporadic gold anomalies, and, to a lesser extent, the Rhosgobel stock. The main focus of the program consisted of regional soil sampling, largely along existing roads and trails, as well as local grid soil sampling across the newly identified "G2" target, roughly 2.0 km due west of the Pukelman stock, and along the southern boundary of the existing Bear Paw soil grid. Soil sampling was accompanied by geological mapping, rock sampling and prospecting.

During the 2015 program, a total of 503 soil samples were collected and analyzed by portable XRF instrumentation. Of these, 240 were selected for analysis for gold by fire assay and 35-element ICP-MS techniques. Also, 54 rock samples, including 14 by this author, were taken and analyzed for gold by fire assay and 35-element ICP-MS.

This author conducted two major traverses during the program. The first extended across the Pukelman stock and along the western and central areas of the Contact Zone, then southwards towards the Rhosgobel stock and ending in phyllitic country rock along its west margin. The second traverse focused on the previously drilled portion of the Bear Paw zone as well as areas along the access road to the east.

The core re-logging program focused on select intervals from 2010 and 2011 drilling on the Contact and Bear Paw zones. Four holes on the Contact Zone and five on the Bear Paw zone underwent partial re-logging. For each deposit, one hole was selected for a longer re-logged interval to obtain familiarity with the lithology and mineralogy. Table 1 lists the logged interval and select gold assay values.

**Table 1: 2015 Re-logged Intervals, Contact and Bear Paw Zones
Clear Creek Project, Victoria Gold Corporation**

Zone	Drill hole Id	Interval Logged		Significant Results		
		From (m)	To (m)	From (m)	To (m)	Grade (g/t Au)
Contact	CC10-03	4.57	60.55	8.6	10.1	1.205
				18.29	19.68	4.62
				56.16	57.8	1.425
Contact	CC11-43	10.6	25.6	15.0	16.5	21.7
				19.5	21.0	6.63
Contact	CC11-43	174.7	184.1	177.5	179.0	18.20
Contact	CC11-44	50.29	59.6	55.15	57.15	6.81
Contact	CC11-44	75.5	85.4	79.43	81.43	4.78
Contact	CC11-45	24.6	54.86	30.65	32.0	19.2
				41.0	42.5	4.07
				53.0	54.86	2.76

**Table 1: 2015 Re-logged Intervals, Contact and Bear Paw Zones
Clear Creek Project, Victoria Gold Corporation**

Zone	Drill hole Id	Interval Logged		Significant Results		
		From (m)	To (m)	From (m)	To (m)	Grade (g/t Au)
Bear Paw	CC10-01	16.2	104.08	31.23	32.75	3.67
				33.95	34.90	1.475
				36.10	37.30	1.465
				44.90	45.55	2.69
				48.12	48.70	1.515
				57.56	59.11	1.465
				60.68	61.93	1.64
				71.35	72.45	3.08
				72.45	73.55	1.345
				74.70	75.85	1.555
				75.85	77.20	2.25
				78.55	79.90	4.04
				79.90	81.14	1.065
				81.14	82.27	1.83
				83.40	84.24	2.23
				97.93	99.73	1.73
	CC11-48	36.57	53.82	40.50	42.0	2.70
				43.50	45.0	15.50
				45.00	46.5	5.36
				48.00	49.5	1.18
				49.50	50.75	2.26
				50.75	50.95	6.69
				50.95	52.5	2.26
				52.50	54.0	1.51
	CC11-49	26.06	66.33	28.5	30.0	2.49
				30.0	31.5	6.16
				31.5	33.0	2.49
				33.0	34.5	1.635
				34.5	36.0	1.68
				37.5	39.0	1.555
				40.5	42.0	2.87
				55.5	57.0	3.07
				57.0	58.5	7.57
				58.5	60.0	5.95
				60.0	61.5	1.56
				61.5	63.0	2.43

**Table 1: 2015 Re-logged Intervals, Contact and Bear Paw Zones
Clear Creek Project, Victoria Gold Corporation**

Zone	Drill hole Id	Interval Logged		Significant Results		
		From (m)	To (m)	From (m)	To (m)	Grade (g/t Au)
	CC11-51	3.05	59.17	3.63	5.13	2.40
				5.13	6.63	4.09
				11.13	12.63	1.82
				12.63	14.13	2.34
				17.13	18.63	3.48
				18.63	20.13	3.14
				20.13	21.63	6.71
				36.63	38.13	3.70
				38.13	39.63	4.12
				39.63	41.13	1.635
				41.13	42.63	4.08
				42.63	44.13	2.18
				44.13	45.63	1.805
				45.63	47.13	2.70
				47.13	48.63	4.61
				48.63	50.13	6.05
				50.13	51.63	3.22
				51.63	53.13	2.65
				53.13	54.63	1.26
				54.63	56.00	1.42
	CC11-59	11.0	30.96	12.10	13.60	3.32
				13.60	15.10	6.42
				15.10	16.60	2.02
				16.60	18.10	1.25
				18.10	19.60	4.76
				19.60	21.10	2.95
				27.10	28.60	3.84

Field Observations

Contact Zone area

The 2015 traverse confirmed that the Pukelman stock consists of strongly feldspar porphyritic to megacrystic coarse to medium grained quartz monzonite, locally hosting sheeted white quartz veining. The Contact Zone is located directly to the south, within strongly foliated phyllite, commonly weakly to moderately scoroditic and including fairly sparse quartz-arsenopyrite veins from 1-5 cm in width. Small areas of sheeted quartz veining, with individual veins less than 1 cm in width, occur in western areas. The Pukelman stock and Contact Zone areas are marked by outcrop and rubblecrop in rugged terrain, with little soil development and vegetation.

The 2010 and 2011 drilling occurred along the western area of this zone, focusing largely on a quartz-feldspar porphyritic dyke, with two holes collared in the eastern end of the zone. Geological mapping along the access road to the southwest revealed several other small argillically altered limonitic yellow dykes as well as small zones of very strongly silicified phyllites. Fairly abundant small similarly altered and mineralized dykes hosted within altered phyllites to quartzites extend to the southeast as well.



Figure 1: Feldspar porphyritic granodiorite, Pukelman Stock

Rhosgobel Stock area

The Rhosgobel stock is located in a saddle with limited rubblecrop and almost no true bedrock exposure. Rubblecrop is most abundant along the eastern intrusive margin along the west flank of a ridgeline underlain by weakly altered phyllite and lesser quartzite. The 2015 program confirmed the stock consists of feldspar megacrystic granodiorite, of essentially the same composition and fabric as the Pukelman stock.

Fairly sparse talus and rubblecrop float, consisting of argillically altered quartz diorite with abundant arsenical stringers and scorodite staining, occurs along the eastern margin. An area of similar mineralization in quartz diorite occurs in the west-central area of the stock.



Figure 2: Feldspar porphyritic granodiorite, Rhosgobel Stock

Bear Paw area

The Bear Paw area occurs along a broad ridgeline with almost no outcrop exposure, although road cut and drill site excavations revealed map-able rubblecrop exposure under a thin soil veneer. The drilled area is marked by abundant quartz-feldspar biotite monzonite dykes within brecciated phyllite, with the largest dykes occurring in southwestern areas. White quartz veining occurs west of the drilled area.

Geological mapping along the access road 200 metres east of the drilled area revealed the presence of phyllite interbedded with limy decalcified siltstone. Further east, the access road extends across roughly 400 metres of a unit of biotite +/- quartz granite to granodiorite, occurring somewhat east of a NNW-trending lineament likely indicating a vertical displacement of stratigraphy, with the down-dropped portion to the west. The intrusive unit represents a stock, marked by a gold-in-soil anomaly of >60 ppb Au from past surveying. Closer inspection revealed minor pyrite, chalcopyrite and pyrrhotite in weakly silicified and moderately limonitic intrusive and adjacent phyllitic country rock. Fairly abundant white-grey limonitic quartz fragments were found in a shallow excavation likely designed as a drainage ditch from the road rather than an exploration trench.



Figure 3: Quartz-Feldspar-Biotite porphyritic monzonite, Bear Paw Zone area

Core Re-Logging Observations

Contact Zone

Gold assay results from drill core reveal fairly widely-spaced high values, to a maximum from 2015 re-logged core of 18.20 g/t gold across 1.5m from DDH CC11-43. Re-logging established that the majority of high values were returned from intervals containing one or more widely spaced quartz-arsenopyrite veins, locally sheeted, ranging from <1 cm to 5 cm in width. Several specks of visible gold are visible in some veins, suggesting that if these alone were to be analyzed, much higher gold values would be returned. The other significant mineralizing feature is a weak to moderate pervasive scoroditic staining associated with fine grained dissemination and foliation-parallel arsenopyrite grains within host phyllites. In DDH CC10-03, higher gold values are associated with intervals of increased scorodite staining and fracturing. However, the vast majority of high values are associated with the quartz-arsenopyrite veins, suggesting these provide the main gold host at the Contact Zone deposit.

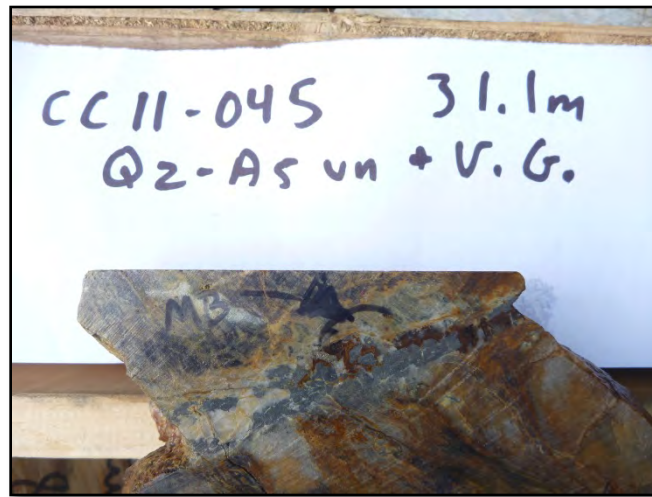


Figure 4: Contact Zone: CC11-45, 31.1m; Interval graded 19.2 g/t Au across 1.35m, includes visible gold

Bear Paw Zone

Assay results from Bear Paw Zone core returned much longer and consistent, though lower grade, gold intervals, to a maximum from core re-logged in 2015 of 3.043 g/t gold across 19.37m. Re-logging indicated that many high gold values occur either within quartz-biotite monzonite dykes or proximal brecciated phyllitic country rock. More importantly, the majority of high gold values are associated with limonitic quartz veins to 20 cm in width, locally associated with minor arsenopyrite or massive pyrite – pyrrhotite +/- minor chalcopyrite. The veins appear to be the major control of mineralization, as much of the dyke rock in higher grade gold intervals is relatively unaltered.

At many locations, brecciation post-dates dyke emplacement; intrusive clasts locally comprise up to 15% of the rock mass. Quartz veining is interstitial, forming the breccia matrix at some localities, suggesting the main mineralizing event occurred following dyke emplacement and subsequent brecciation. This is

best illustrated in Figure 5, showing a segment of core from an interval grading 15.5 g/t gold across 1.5m within DDH CC11-048.

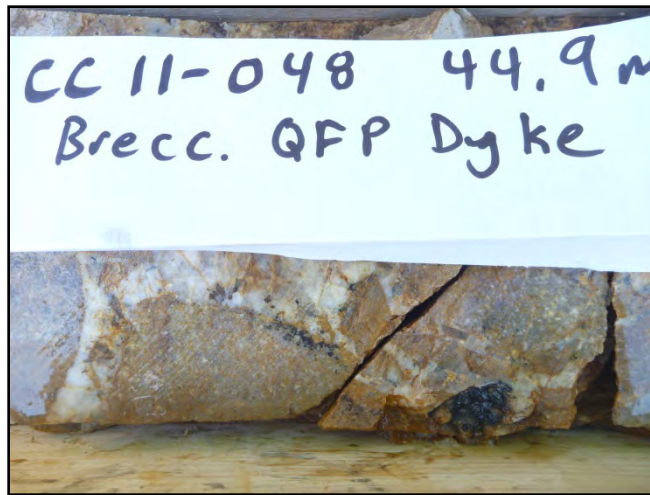


Figure 5: Bear Paw Zone: CC11-048, 44.9m. grading 15.5 g/t Au across 1.5m

2015 Geochemical Results

Rock Samples, Contact Zone

The highest values from 2015 rock sampling were returned from select sampling of quartz-arsenopyrite veining, occurring both as banded or clotty arsenopyrite, from the Contact Zone. These results can be divided into three groups: 1. a cluster of samples returning mainly low gold values near the intrusion margin; 2. moderate gold values to 2.776 g/t from quartz veining near the NE-SW trending dyke southwest of the stock, and; 3. very high gold values to 166.2 g/t from select sampling of quartz veining from the “main” Contact Zone south of the Pukelman stock.

Values from Group 1 are characterized by very high arsenic (As), lead (Pb), zinc (Zn), cadmium (Cd), and moderate to high silver (Ag) and antimony (Sb) values. Bismuth (Bi) values were moderately anomalous. Gold values were low to moderately anomalous; the exception is Sample 1566501, which returned a gold value of 47.2 g/t Au with high Bi, Sb and tungsten (W) values, but low to moderate Pb, Zn and Ag values.

Gold values from Group 2 near the dyke are associated with high As and mod Bi values, but weak to background Cu, Pb, Zn, Cd and W values.

The typically very high gold values from Group 3 are associated with very high Ag and As values, high Pb and Sb values, and high and very variable Bi and W values. Values of Cd and Zn are at background levels. Interestingly, all of these Group 3 high gold values were returned from areas that did not undergo drilling in 2010 and 2011.



Figure 6: Sample 1566555 (166.2 g/t gold)

Rock Samples, Bear Paw Zone

The rock samples here were taken over or near the newly identified intrusion east of the drilled Bear Paw zone. These returned weakly elevated gold values with weakly elevated Bi values and background As, Sb and base metal values. The exception is the select composite grab sample of quartz vein float in the drainage ditch, which returned 0.464 g/t Au.

Two samples were taken along the intrusion boundary. One, of intrusive material, returned 0.08 g/t Au; the other, an almost adjacent sample of phyllitic country rock, returned 0.053 g/t Au with 201 ppm W.



Figure 7: Sample 1566612 (0.464 g/t Au)

Rock Samples, G2 Zone

The G2 Zone, hosted by Yusezyu Formation phyllites and quartzites, was identified during the 2015 program, but not visited by this author, although he viewed representative samples thereof. Sampling

focused on sediment-hosted quartz-arsenopyrite veins and/or strongly silicified wall rock, returning values from 5.989 to 43.4 g/t gold with very high As, high Bi and W, mod Sb and weak to moderate Ag values. Three of the sample returned background Pb, Zn and Cd values; the fourth returned weak to moderately anomalous values of these, with one very high W value. The sample locations are up to 250 metres apart, although this may represent some downslope dispersion.



Figure 8: Sample 1566509 (43.4 g/t Au); Qz-As veinlets in phyllite

Soil Sample Results

At all three zones, soil sample locations are not typically associated with rock sample locations; therefore the geochemical signatures are representative of the zones on a general, rather than specific basis.

At the Contact zone, very high gold values were returned mainly from the roadcut along the western base of the zone. Here, values exceeding 100 ppb Au to a maximum of 911 ppb are associated with high As, weakly elevated Cu, Sb, Bi and Ag values and background Pb, Zn and Cd values.

At the Bear Paw zone, sampling along the southern boundary of the previous soil survey returned weak to moderate, variable Au values with high As and Sb values in the south-central area, but essentially no other anomalous pathfinder values. The single exception is Sample 1567199 which returned 1,469 ppb Au with weakly elevated Zn and As values but background values of the other base metal and pathfinder elements.

Grid soil sampling was done across the G2 Zone and the downslope area directly to the north. Gold values are weak to moderate, subdued compared to the gold-in-rock values. These are associated with patchy very high Pb, Zn, Ag, As and Cd values, and weak, variable Cu, Sb, Bi and thallium (Tl) values. Grid soil sampling east of the G2 zone returned moderate Au values with high As values, but background values of other pathfinder elements. Grid soil sampling to the west returned moderate to weak Au values with high, variable Pb, Zn, Ag and As values and weak Cd, Sb and Bi values. This may represent downslope dispersion from the G2 Zone itself.

Discussion

The mineralized system at the Clear Creek property is “intrusion-related”, centered on the suite of known stocks. These are likely members of a single larger intrusive event, belonging to the 91 MA Tombstone Plutonic Suite, part of the Tintina Gold Belt. However, the Contact, Bear Paw and G2 zones have distinct rock and soil geochemical signatures, as well as distinct geological and mineralogical settings. This suggests that there are multiple pulses of magma emplacement, resulting in some variation in intrusive rock geochemistry. Settings of individual zones are also partially dependent on the lithology of the host country rock.

The Contact Zone represents a “Fort Knox” style setting of sheeted gold-bearing arsenopyrite veins that is very similar to that of Victoria Gold’s flagship Eagle Zone. However, although the individual veins return very high gold values, vein density in the re-logged drill core intervals is quite low, compromising the economic potential of the zone. High gold-in-soil values from the road cut directly west of the zone are somewhat misleading, as these actually represent talus fine samples, which tend to exaggerate source mineral grades. Sampling of outlying dykes and silicified zones to the south and southwest by this author returned anomalous but sub-economic gold values. However, 2015 rock sampling in central and eastern areas returned very high gold values from veining in areas untested by drilling.

The drilled portion of the Bear Paw Zone is marked by an area of strong quartz-feldspar-biotite monzonite dyke emplacement within Yusezyu Formation phyllites. The rock units have undergone intense brittle brecciation; dyke fragments mixed with those of phyllite indicate that brecciation continued throughout dyke emplacement or occurred post-emplacement. This suggests emplacement of a second pulse of magma following dyke emplacement and causing doming and associated brittle fracturing. Gold is associated most strongly with subsequent white to limonitic quartz veining with local clotty arsenopyrite and coarse clotty pyrite-pyrrhotite +/- chalcopyrite. Assaying of drill core returned much longer intercepts of significant gold values than those from the Contact Zone. Although a preliminary resource estimate indicated a low-grade resource, potential for economic grade mineralization is stronger here than at the Contact Zone.

The 2015 program represents the first identification of the stock east of the drilled zone. Although gold values returned are weakly elevated only, the stock may represent the source of mineralizing fluids at the zone. A select composite grab sample of quartz vein fragments grading 0.464 g/t gold indicates potential for auriferous mineralization within or near the intrusion. No evidence of glaciation is visible along the ridgeline. The small NNW-trending escarpment between the stock and the zone may represent a fault zone resulting in down-dropping of the western portion; therefore the drilled Bear Paw deposit may occur within the stratigraphically higher portion. The Bear Paw Zone may thus be underlain by the buried western offset portion of this stock.

The G2 Zone represents an important new discovery made during the 2015 program. Personal communications with Victoria Gold workers and inspection of pictures of samples suggest gold at the G2 showing is hosted by quartz-arsenopyrite veinlets within phyllitic host rock. Veining may be less “linear”

than the sheeted veining at the Contact Zone. Rock values were obtained over an aerial extent of at least 250 metres, suggesting potential for a sizeable zone. Soil sampling, performed mainly directly north of the auriferous rock samples, produced fairly subdued gold values. This may be partially explained by surface vegetation conditions; well-developed soil horizons at lower elevations tend to subdue gold analytical results. Soil results showed strong enrichment in base metals which are at background levels in rock samples, suggesting a local zonation towards a base metal-dominated mineralogy distal from the auriferous core.

The Rhosgobel stock received only a cursory review in 2015. The feldspar megacrystic nature is almost identical to that of the Pukelman stock, indicating these were members of the same pulse of emplacement. However, mineralization appears to be controlled by fine grey-black arsenical stringers rather than more linear quartz-arsenopyrite veins. Due to the short duration of inspection of the stock by this author, this observation should not be considered as conclusive.

Although the Contact, Bear Paw and G2 zones are part of the same large intrusion-related system, the distinct geochemical signatures of each suggest local mineralizing centres. Although the Contact Zone has the strongest gold geochemical signature to date, this is partially due to good rock exposure and associated high gold-in-soil geochemical signature, partly due to the talus fine nature of many of the samples. It does not necessarily represent the core of the entire system.

The source of Bear Paw Zone mineralization remains enigmatic. Although abundant dykes occur within the zone, drilling has failed to intersect a larger pluton. This also suggests the potential for further mineralization at depth. The setting of the G2 zone is essentially unknown, although gold, base metal and pathfinder element signatures indicate potential for a buried intrusion in its vicinity.

Conclusions

The following conclusions may be made from results of the 2015 program:

- All three zones discovered or targeted in 2015, the Contact, Bear Paw and G2 zones, as well as the Rhosgobel Zone, all other stocks identified to date and any other mineralized occurrences or geochemical anomalies in the area, are members of a single large “Intrusion-related gold system”.
- The Contact Zone represents a deposit setting similar to Victoria Gold’s Eagle Zone. Contact zone mineralization consists of widely spaced high-grade quartz-arsenopyrite veins within altered phyllites south of the Pukelman stock.
- The Contact Zone is a low-grade gold deposit. However, very high gold values taken from areas that do not appear to have been drill-tested in 2010 and 2011 suggest potential to expand the deposit to the east.
- The Bear Paw Zone is centered on an area of abundant quartz-feldspar-biotite monzonite dykes. The host phyllites show strong brecciation, including dyke fragments, indicating brecciation either post-dated dyke emplacement or occurred both during and after it.
- Gold values at the Bear Paw Zone appears to be hosted mainly by quartz veins that are interstitial to all lithic fragments, indicating vein emplacement post-dated brecciation. No evidence of brecciation within quartz veins was noted, although much of the core has undergone strong late fracturing.
- Follow-up exploration of strong gold-in-soil values east of the main Bear Paw deposit led to identification of a monzonitic stock east of a small NNW-trending escarpment. The escarpment may represent a normal or transpressional fault, with the down-dropped portion to the west. The surface of the western portion may represent stratigraphically higher rock units. Brecciation may have resulted from subsurface intrusion emplacement and buckling and structural preparation of overlying country rock.
- Mineralized intervals returned from 2010 and 2011 diamond drilling are longer and more continuous than those at the Contact Zone. This suggests that the Bear Paw Zone may have stronger economic potential than the Contact Zone.
- The G2 Zone was an important discovery in 2015. High grade gold values were returned upslope of more subdued gold-in-soil values associated with high base metal and pathfinder values, suggesting zonation within the target area.
- The G2 Zone is marked by more irregular quartz-arsenopyrite veining within altered phyllites. Although no intrusive units were identified in 2015, the geochemical zonation and altered wallrock suggest an intrusion may underlie the target.
- The distinct geochemical signatures of each of the Contact, Bear Paw and G2 zones indicates separate mineralizing centres representing pulses of magma in various stages of fractionation and associated hydrothermal and pneumatolytic chemical signatures, originating from a larger deep-seated body. The Pukelman (Contact Zone) and Rhosgobel stocks originated from a common phase of emplacement.

- Results of XRF analysis returned lower values of gold pathfinder elements than those from lab analysis. Nonetheless, these are sufficiently elevated to establish XRF analysis as a valid tool for field exploration. Gold values are typically too low to be reliably detected by XRF analysis.

Recommendations

- Further exploration on the Contact Zone is recommended to consist mainly of detailed rock sampling, including chip sampling where possible, in areas that had not undergone previous diamond drilling.
- Further exploration at the Bear Paw Zone is recommended to focus on the uplifted portion containing the surface expression of the intrusion east of the lineament. Exploration should focus on identification of auriferous quartz vein float similar to that discovered in 2015. Target areas should also be based on previously identified high gold-in-soil anomalies. One other target setting may be replacement-style mineralization within calcareous beds identified west of the lineament but east of the drilled deposit. Trenching and test pitting may also be warranted, due to the shallow overburden along the ridgeline.
- The G2 area warrants further surface rock and grid soil sampling, geological mapping, as well as trenching aimed at exposing bedrock for chip or channel sampling and to enhance structural understanding. Grid soil sampling should be extended across the high grade rock sample locations and areas to the south. Trenching and test pitting may be warranted if overburden is shown to be shallow and actual bedrock can be reached.
- At all zones, the next phase of exploration should be designed to determine drill targets for subsequent programs.

References

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