

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1419801	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	617943	7037605	-138.634872	63.44729437		1093
1419802	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	617968	7037604	-138.6343719	63.44727712		1101
1419803	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	617993	7037605	-138.6338704	63.4472778		1105
1419804	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618018	7037605	-138.6333696	63.44726951		1110
1419804	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618018	7037605	-138.6333696	63.44726951		1110
1419805	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618044	7037605	-138.6328487	63.44726089		1116
1419806	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618068	7037605	-138.6323679	63.44725293		1118
1419807	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618093	7037605	-138.6318671	63.44724464		1122
1419808	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618119	7037605	-138.6313463	63.44723601		1127
1419809	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618144	7037605	-138.6308454	63.44722772		1133
1419810	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618168	7037605	-138.6303647	63.44721975		1135
1419811	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618193	7037605	-138.6298639	63.44721145		1136
1419812	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618219	7037605	-138.629343	63.44720282		1138
1419813	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618245	7037605	-138.6288222	63.44719419		1146
1419814	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618269	7037605	-138.6283414	63.44718621		1146
1419815	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618294	7037605	-138.6278406	63.44717791		1144
1419816	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618319	7037605	-138.6273398	63.4471696		1141
1419817	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618344	7037605	-138.626839	63.44716129		1135
1419818	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618369	7037604	-138.6263389	63.44714401		1133
1419819	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618395	7037605	-138.6258173	63.44714433		1135
1419820	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618419	7037605	-138.6253365	63.44713635		1132
1419821	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618445	7037605	-138.6248157	63.4471277		1127
1419822	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618469	7037605	-138.6243349	63.44711971		1122
1419823	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618495	7037604	-138.6238148	63.44710209		1119
1419824	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618520	7037605	-138.6233133	63.44710274		1115
1419825	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618520	7037605	-138.6233133	63.44710274	1419824	1115
1419826	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618546	7037605	-138.6227924	63.44709408		1115
1419827	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618571	7037605	-138.6222916	63.44708576		1111
1419828	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618595	7037606	-138.6218101	63.44708673		1105
1419829	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618621	7037605	-138.62129	63.4470691		1101
1419830	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618644	7037605	-138.6208292	63.44706144		1094
1419831	BHC	Grace Bisaro GB01	10/18/2016 0:00	07N	618670	7037605	-138.6203084	63.44705277		1090
1435194	BHC	Ross Reed RR02	10/15/2016 0:00	07N	612789	7036063	-138.739218	63.4351364		778

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1419801	Auger	50	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Poor	Silt
1419802	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Leaf Cover	Damp	Good	Silt
1419803	Auger	70	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Leaf Cover	Damp	Good	Sand
1419804	Auger	70	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Sphagnum Moss	< Damp	Good	Sand
1419804	Auger	70	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Sphagnum Moss	< Damp	Good	Sand
1419805	Auger	50	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Sphagnum Moss	> Damp	Poor	Silt
1419806	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Sphagnum Moss	< Damp	Good	Sand
1419807	Auger	50	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Sphagnum Moss	< Damp	Good	Silt
1419808	Auger	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Sphagnum Moss	< Damp	Poor	Silt
1419809	Auger	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Sphagnum Moss	< Damp	Poor	Silt
1419810	Auger	50	B	Subtle Slope	Reddish Orange	Dwarf Birch	Sphagnum Moss	< Dry	Good	Silt
1419811	Auger	50	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Sphagnum Moss	< Damp	Poor	Silt
1419812	Auger	70	C	Subtle Slope	Reddish Yellow	Dwarf Birch	Thin Moss Cover	Damp	Good	Sand
1419813	Auger	30	B	Flat	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Poor	Silt
1419814	Auger	70	C	Flat	Chocolate Brown	Dwarf Birch	Sphagnum Moss	< Damp	Good	Sand
1419815	Auger	70	C	Flat	Reddish Orange	Dwarf Birch	Sphagnum Moss	< Damp	Good	Sand
1419816	Auger	50	B	Flat	Chocolate Brown	Dwarf Birch	Grass Cover	Damp	Good	Silt
1419817	Auger	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Dry	Good	Sand
1419818	Auger	40	B	Flat	Chocolate Brown	Dwarf Birch	Sphagnum Moss	< Damp	Poor	Silt
1419819	Auger	30	B	Flat	Chocolate Brown	Dwarf Birch	Sphagnum Moss	< Damp	Good	Sand
1419820	Auger	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Sphagnum Moss	< Damp	Good	Sand
1419821	Auger	70	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Sphagnum Moss	< Damp	Poor	Silt
1419822	Auger	70	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Sphagnum Moss	< Damp	Good	Sand
1419823	Auger	70	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Sphagnum Moss	< Damp	Poor	Silt
1419824	Auger	80	C	Subtle Slope	Reddish Yellow	Dwarf Birch	Sphagnum Moss	< Damp	Good	Sand
1419825	Auger	80	C	Subtle Slope	Reddish Yellow	Dwarf Birch	Sphagnum Moss	< Damp	Good	Sand
1419826	Auger	70	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Sphagnum Moss	< Damp	Poor	Silt
1419827	Auger	70	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Sphagnum Moss	< Damp	Good	Sand
1419828	Auger	80	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Sphagnum Moss	< Damp	Good	Sand
1419829	Auger	30	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Sphagnum Moss	< Damp	Poor	Sand
1419830	Auger	40	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Sphagnum Moss	< Damp	Poor	Silt
1419831	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Sphagnum Moss	< Dry	Poor	Silt
1435194	Auger	110	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1419801				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.2	25.4
1419802	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.4	23
1419803				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.7	22.7
1419804				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.4	24.8
1419804				REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.6	26.4
1419805				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.7	18.1
1419806				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.5	13.3
1419807	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.4	18.5
1419808				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.4	27.8
1419809				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1	17.9
1419810	Sandy	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	2	22.2
1419811				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.9	28.4
1419812				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.4	21
1419813				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.6	18.1
1419814				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.4	35
1419815				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	2.1	55.5
1419816				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.9	19.8
1419817	Rocky Sample			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.1	18
1419818	Rocky Sample			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.3	17.6
1419819	Rocky Sample			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.4	19.6
1419820	Rocky Sample			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.9	29.7
1419821				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.4	33.5
1419822				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.2	25.6
1419823	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1	24.5
1419824				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.4	19.5
1419825				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.4	20.9
1419826				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1	31.1
1419827	Rusty Rock Chip			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.9	34.5
1419828				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.4	18.8
1419829				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	2.6	11.2
1419830				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.8	26.4
1419831				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.9	17.6
1435194	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.9	35.5

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1419801	11.9	61	0.05	24.5	11.8	407	2.99	10.5	1.8	2.1	11.8	13	0.05	0.6	0.2	56	0.12	0.022	22
1419802	10.2	55	0.05	18.4	9	324	2.58	7.5	2	1	12.6	12	0.05	0.6	0.1	45	0.12	0.02	39
1419803	11.9	59	0.05	16.6	9.6	369	2.86	7.6	2.6	1.8	18	10	0.05	0.6	0.2	47	0.1	0.028	42
1419804	12.2	60	0.05	20.7	11.1	429	2.98	10.4	1.9	4.1	14.7	13	0.05	0.6	0.3	51	0.12	0.028	33
1419804	12.3	66	0.05	20.9	10.7	427	2.94	10.9	1.9	3.7	14.8	13	0.05	0.7	0.3	52	0.12	0.028	34
1419805	10.6	53	0.05	14.7	7.8	293	2.58	7	1.6	2.8	12.2	10	0.05	0.5	0.2	46	0.1	0.027	38
1419806	8.6	47	0.05	13.4	7.5	222	2.49	6.3	0.9	0.9	8.7	8	0.05	0.5	0.1	41	0.08	0.023	15
1419807	7.7	54	0.05	16.1	8.8	258	2.49	6.1	0.9	0.9	12.8	8	0.05	0.5	0.2	39	0.08	0.019	22
1419808	11.3	62	0.05	24.9	12.3	353	2.98	11.3	1	3	11.9	13	0.05	0.8	0.2	50	0.13	0.044	19
1419809	10.9	52	0.05	20.8	10.4	282	2.72	11.2	0.7	2.7	6.1	10	0.1	0.6	0.2	47	0.1	0.037	14
1419810	9.2	51	0.05	13.5	18.3	716	3.4	8.5	1.1	0.5	10.7	7	0.05	0.8	0.3	55	0.06	0.022	14
1419811	8.7	66	0.05	22.3	13.8	499	3.25	7.7	1	1.5	10	10	0.1	0.6	0.2	58	0.13	0.039	20
1419812	10.3	57	0.05	19.2	10.4	315	2.91	9.2	1	1.8	8.9	10	0.05	0.7	0.2	51	0.09	0.02	22
1419813	11.5	53	0.2	18.1	10.5	293	3.4	10.8	0.9	1.7	5.3	10	0.1	0.7	0.2	59	0.1	0.038	16
1419814	9.9	42	0.05	15.7	7.5	245	2.74	7.9	1.4	2.4	8.3	12	0.05	0.5	0.2	48	0.11	0.029	32
1419815	6.5	43	0.05	13.3	9	368	3.24	5.7	1.7	2.9	11.6	9	0.05	0.4	0.2	43	0.09	0.029	35
1419816	9	40	0.05	14.4	6.7	202	2.62	8.6	1	2.5	6.9	9	0.05	0.6	0.2	44	0.09	0.025	28
1419817	9.3	36	0.05	10.3	5.7	238	2.45	9.1	1	3.1	2.7	10	0.2	0.4	0.2	42	0.09	0.042	22
1419818	9.2	42	0.05	14.2	6.1	194	2.46	9.1	0.9	2	4.2	10	0.1	0.7	0.2	43	0.1	0.032	18
1419819	10.2	46	0.05	15.1	7.8	295	2.82	9	0.8	3.8	5.2	10	0.05	0.6	0.2	48	0.09	0.031	19
1419820	11.1	60	0.05	19.6	8.9	303	3.19	10.6	1.4	1.4	5.7	12	0.1	0.8	0.2	53	0.11	0.038	28
1419821	10	56	0.05	19.8	10	334	2.66	9.1	1.8	1.7	10	14	0.05	0.8	0.2	45	0.14	0.027	31
1419822	11.2	60	0.05	19.6	10.6	436	2.7	7.6	1.7	2.4	9.2	13	0.05	0.7	0.2	44	0.13	0.04	28
1419823	10.6	55	0.05	21	9.5	323	2.72	10.5	1.1	4.1	7.1	12	0.1	0.6	0.2	48	0.11	0.029	18
1419824	13	60	0.05	15.1	10.3	436	2.82	6.3	2	1.4	11.9	9	0.05	0.6	0.2	41	0.1	0.03	29
1419825	13.2	63	0.05	17.7	10.5	421	2.9	8	1.8	2.1	11.4	10	0.05	0.7	0.2	45	0.1	0.029	28
1419826	10.9	55	0.05	19.9	9.6	337	2.58	9.4	2.6	2.9	7.8	15	0.05	0.7	0.2	44	0.14	0.035	27
1419827	10.1	58	0.05	19.5	8.5	398	2.6	10.8	3.3	2.5	6.5	18	0.05	0.7	0.2	42	0.18	0.046	24
1419828	10.4	61	0.05	17.4	9.1	359	2.53	9.8	1.6	4.5	9.5	14	0.1	0.7	0.2	41	0.15	0.049	19
1419829	11.3	54	0.05	11.3	5.6	280	2.27	6.8	1.7	4.4	7.8	10	0.1	0.7	0.2	35	0.11	0.047	19
1419830	13.2	56	0.1	20	8.5	326	2.63	8.7	3	4.6	5.7	14	0.2	0.6	0.2	47	0.16	0.058	35
1419831	12.5	51	0.05	15.4	6.6	232	2.4	7.5	1.7	2.5	3.2	12	0.2	0.5	0.3	49	0.13	0.063	24
1435194	10.1	71	0.1	30.4	11.8	464	2.62	10.7	0.6	2.4	5.2	38	0.2	0.8	0.2	50	0.84	0.072	18

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1419801	48	0.65	211	0.089	0	2	0.007	0.1	0.2	0.06	5.3	0.2	0.025	6	0.25	0.1
1419802	29	0.6	194	0.09	1	1.55	0.006	0.14	0.2	0.03	5.5	0.2	0.025	5	0.25	0.1
1419803	33	0.66	159	0.1	0	1.75	0.007	0.21	0.3	0.06	5.2	0.3	0.025	6	0.25	0.1
1419804	31	0.6	209	0.076	2	1.96	0.007	0.11	0.2	0.07	5.7	0.2	0.025	6	0.25	0.1
1419804	31	0.6	213	0.076	2	1.96	0.007	0.11	0.2	0.05	5.5	0.2	0.025	6	0.25	0.1
1419805	25	0.53	159	0.076	2	1.48	0.006	0.14	0.2	0.05	4.4	0.2	0.025	5	0.6	0.1
1419806	24	0.5	113	0.07	1	1.42	0.005	0.09	0.4	0.01	3.5	0.1	0.025	6	0.25	0.1
1419807	24	0.66	157	0.09	1	1.8	0.006	0.19	0.2	0.02	4.3	0.2	0.025	6	0.25	0.1
1419808	32	0.56	205	0.06	1	2.06	0.008	0.07	0.2	0.04	4	0.1	0.025	5	0.25	0.1
1419809	30	0.47	145	0.053	2	2.13	0.007	0.06	0.2	0.05	3.7	0.1	0.025	4	0.25	0.1
1419810	27	0.68	151	0.09	1	2.05	0.004	0.19	0.1	0.03	4.8	0.2	0.025	7	0.25	0.1
1419811	36	0.86	203	0.116	2	2.02	0.007	0.33	0.2	0.03	5.9	0.2	0.025	6	0.25	0.1
1419812	29	0.56	244	0.073	2	1.96	0.006	0.1	0.2	0.04	5.1	0.1	0.025	6	0.25	0.1
1419813	33	0.52	235	0.075	2	2.24	0.006	0.13	0.2	0.04	4.3	0.1	0.025	7	0.25	0.1
1419814	27	0.5	257	0.068	1	1.65	0.006	0.12	0.2	0.05	5.3	0.2	0.025	6	0.6	0.1
1419815	23	0.93	245	0.15	1	2	0.007	0.5	0.2	0.03	7	0.3	0.025	8	0.8	0.1
1419816	24	0.43	221	0.045	1	1.57	0.005	0.06	0.2	0.04	3.7	0.1	0.025	5	0.25	0.1
1419817	20	0.33	200	0.039	1	1.29	0.005	0.06	0.2	0.04	2.3	0.05	0.025	5	0.25	0.1
1419818	21	0.39	162	0.045	2	1.35	0.005	0.06	0.2	0.02	2.8	0.05	0.025	5	0.25	0.1
1419819	24	0.42	175	0.057	1	1.47	0.005	0.08	0.2	0.03	3.4	0.1	0.025	6	0.6	0.1
1419820	29	0.53	272	0.055	0	1.89	0.006	0.1	0.2	0.03	4.5	0.1	0.025	6	0.25	0.1
1419821	28	0.52	304	0.065	2	1.53	0.007	0.09	0.2	0.07	5.8	0.1	0.025	5	0.25	0.1
1419822	28	0.58	261	0.082	1	1.68	0.006	0.17	0.2	0.05	5	0.2	0.025	6	0.25	0.1
1419823	30	0.52	197	0.064	1	1.64	0.006	0.08	0.2	0.04	4.3	0.1	0.025	5	0.8	0.1
1419824	25	0.84	177	0.123	0	1.73	0.007	0.47	0.2	0.02	5.1	0.5	0.025	7	0.25	0.1
1419825	27	0.77	190	0.118	1	1.77	0.007	0.38	0.2	0.03	5	0.5	0.025	7	0.25	0.1
1419826	26	0.51	280	0.067	0	1.6	0.007	0.07	0.2	0.07	5.9	0.2	0.025	5	0.25	0.1
1419827	24	0.49	337	0.053	0	1.47	0.007	0.07	0.2	0.07	5.4	0.1	0.025	5	0.5	0.1
1419828	22	0.51	211	0.061	1	1.58	0.006	0.08	0.2	0.04	3.7	0.2	0.025	5	0.25	0.1
1419829	19	0.53	132	0.084	0	1.26	0.005	0.23	0.2	0.03	3.3	0.3	0.025	6	0.25	0.1
1419830	30	0.62	250	0.072	2	1.64	0.007	0.18	0.4	0.06	4.1	0.2	0.025	6	0.25	0.1
1419831	28	0.56	161	0.072	0	1.41	0.006	0.12	1.4	0.03	3	0.2	0.025	7	0.25	0.1
1435194	31	0.65	324	0.082	2	1.34	0.029	0.12	0.2	0.03	4.3	0.1	0.025	4	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1435195	BHC	Ross Reed RR02	10/15/2016 0:00	07N	612814	7036063	-138.7387174	63.43512849		802
1435196	BHC	Ross Reed RR02	10/15/2016 0:00	07N	612838	7036060	-138.7382389	63.43509398		797
1435197	BHC	Ross Reed RR02	10/15/2016 0:00	07N	612865	7036058	-138.7376996	63.43506749		812
1435198	BHC	Ross Reed RR02	10/15/2016 0:00	07N	612889	7036064	-138.7372148	63.43511369		823
1435199	BHC	Ross Reed RR02	10/15/2016 0:00	07N	613040	7036063	-138.7341916	63.43505683		833
1435200	BHC	Ross Reed RR02	10/15/2016 0:00	07N	613040	7036063	-138.7341916	63.43505683	1435199	827
1435201	BHC	Ross Reed RR02	10/15/2016 0:00	07N	612915	7036063	-138.7366948	63.43509648		800
1435202	BHC	Ross Reed RR02	10/15/2016 0:00	07N	612939	7036062	-138.7362149	63.43507991		805
1435203	BHC	Ross Reed RR02	10/15/2016 0:00	07N	612964	7036062	-138.7357143	63.43507198		802
1435204	BHC	Ross Reed RR02	10/15/2016 0:00	07N	612990	7036063	-138.7351929	63.4350727		799
1435205	BHC	Ross Reed RR02	10/15/2016 0:00	07N	613015	7036062	-138.734693	63.4350558		826
1435206	BHC	Ross Reed RR02	10/15/2016 0:00	07N	613064	7036062	-138.7337117	63.43504025		817
1435207	BHC	Ross Reed RR02	10/15/2016 0:00	07N	613090	7036067	-138.7331875	63.43507683		833
1435208	BHC	Ross Reed RR02	10/15/2016 0:00	07N	613115	7036063	-138.7326897	63.43503302		836
1435209	BHC	Ross Reed RR02	10/15/2016 0:00	07N	613140	7036062	-138.7321898	63.43501612		841
1435210	BHC	Ross Reed RR02	10/15/2016 0:00	07N	613166	7036062	-138.7316691	63.43500786		834
1435211	BHC	Ross Reed RR02	10/15/2016 0:00	07N	613192	7036063	-138.7311477	63.43500856		847
1435212	BHC	Ross Reed RR02	10/15/2016 0:00	07N	613215	7036063	-138.7306872	63.43500125		850
1435213	BHC	Ross Reed RR02	10/15/2016 0:00	07N	613240	7036063	-138.7301865	63.43499331		845
1435214	BHC	Ross Reed RR02	10/15/2016 0:00	07N	613265	7036063	-138.7296859	63.43498536		845
1435215	BHC	Ross Reed RR02	10/15/2016 0:00	07N	613290	7036064	-138.7291845	63.43498637		835
1435216	BHC	Ross Reed RR02	10/15/2016 0:00	07N	613314	7036063	-138.7287046	63.43496977		837
1435217	BHC	Ross Reed RR02	10/15/2016 0:00	07N	613341	7036062	-138.7281647	63.43495221		832
1435218	BHC	Ross Reed RR02	10/15/2016 0:00	07N	613364	7036064	-138.7277027	63.43496283		821
1435219	BHC	Ross Reed RR02	10/15/2016 0:00	07N	613390	7036063	-138.7271827	63.43494559		819
1435220	BHC	Ross Reed RR02	10/15/2016 0:00	07N	613416	7036062	-138.7266628	63.43492834		812
1435221	BHC	Ross Reed RR02	10/15/2016 0:00	07N	613440	7036063	-138.7261814	63.43492967		804
1435222	BHC	Ross Reed RR02	10/15/2016 0:00	07N	613465	7036063	-138.7256808	63.4349217		805
1435223	BHC	Ross Reed RR02	10/15/2016 0:00	07N	613490	7036062	-138.7251809	63.43490477		786
1435224	BHC	Ross Reed RR02	10/15/2016 0:00	07N	613566	7036062	-138.723659	63.43488055		772
1435225	BHC	Ross Reed RR02	10/15/2016 0:00	07N	613566	7036062	-138.723659	63.43488055	1435224	750
1435226	BHC	Ross Reed RR02	10/15/2016 0:00	07N	613516	7036063	-138.7246595	63.43490545		787
1435227	BHC	Ross Reed RR02	10/15/2016 0:00	07N	613542	7036065	-138.7241374	63.4349151		774

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1435195	Auger	100	B	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Silt
1435196	Auger	90	B	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Silt
1435197	Auger	80	B	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Wet	Good	Silt
1435198	Auger	90	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Wet	Good	Silt
1435199	Auger	80	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435200	Auger	80	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435201	Auger	90	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Wet	Good	Silt
1435202	Auger	80	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435203	Auger	80	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435204	Auger	90	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1435205	Auger	80	C	Subtle Slope	Reddish Orange	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435206	Auger	80	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435207	Auger	100	C	Subtle Slope	Light Brown	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435208	Auger	80	C	Subtle Slope	Reddish Yellow	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435209	Auger	100	C	Flat	Reddish Yellow	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435210	Auger	50	C	Subtle Slope	Reddish Yellow	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435211	Auger	100	C	Flat	Chocolate Brown	Black Spruce	Burnt Moss	Damp	Excellent	Silt
1435212	Auger	100	C	Flat	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Excellent	Sand
1435213	Auger	100	C	Flat	Grey	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435214	Auger	60	C	Flat	Reddish Yellow	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435215	Auger	60	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Excellent	Sand
1435216	Auger	100	C	Subtle Slope	Reddish Orange	Black Spruce	Thin Moss Cover	Damp	Excellent	Sand
1435217	Auger	20	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1435218	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1435219	Auger	100	C	Subtle Slope	Reddish Yellow	Old Burn	Grass Cover	Damp	Excellent	Sand
1435220	Auger	60	C	Subtle Slope	Reddish Yellow	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435221	Auger	90	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Excellent	Sand
1435222	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1435223	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Excellent	Sand
1435224	Auger	80	C	Subtle Slope	Greyish Green	Old Burn	Grass Cover	Damp	Excellent	Gravel
1435225	Auger	80	C	Subtle Slope	Greyish Green	Old Burn	Grass Cover	Damp	Excellent	Gravel
1435226	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Gravel
1435227	Auger	40	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Gravel

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1435195				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.8	32.2
1435196	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	1	36.8
1435197	Partially Frozen	Possible Creek Co Sample moved over		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	1.3	33.2
1435198	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	1	29.2
1435199	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	35.8
1435200	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	40.9
1435201	Partially Frozen	Bright Orange Rust		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	1.1	25.9
1435202	Fine		Shiny. Muscovite	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.1	37
1435203	Fine		Muscovite	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.2	39.7
1435204	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.1	26
1435205	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	38.7
1435206	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	41.8
1435207	Coarse		Sulfides. Sample to	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.2	42.6
1435208	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	64.5
1435209	Coarse	Dull Red Rust	Went through craz	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	28.5
1435210	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	11.6
1435211	Coarse		Muscovite	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.05	47.7
1435212	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	61
1435213	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.05	31.3
1435214				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.1	9.1
1435215	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	19.6
1435216	Bright Orange Rus	Dull Red Rust		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.05	11.9
1435217	Fine	Rocky Terrain		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.8	13.6
1435218	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	28
1435219	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	32
1435220	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	29
1435221	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	25.1
1435222	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	18.6
1435223				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	1	27.7
1435224	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.9	17.8
1435225	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	20.9
1435226	Fine	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.9	14.4
1435227	Rocky Sample			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	20.3



sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1435195	9.5	68	0.1	26.3	10.7	444	2.37	10.3	0.6	2.4	4.8	49	0.4	0.8	0.2	41	1.52	0.077	16
1435196	10.3	76	0.1	31.2	11.8	568	2.58	11.1	0.7	3.1	5.6	50	0.4	1	0.2	44	1.38	0.083	19
1435197	12.4	91	0.1	30.7	10.9	464	2.67	11.2	0.9	3	5.1	35	0.4	1.2	0.2	43	0.48	0.08	18
1435198	11.2	60	0.1	25.5	11.9	454	2.57	9.8	0.9	3.8	5.3	31	0.1	0.8	0.2	46	0.45	0.054	21
1435199	20.6	96	0.05	35.1	18.8	646	4.19	2.2	2.1	0.7	25.4	17	0.05	0.2	0.4	42	0.23	0.041	63
1435200	23.6	107	0.05	34	18.3	631	4.13	2.1	2.8	0.9	27	18	0.05	0.2	0.3	39	0.26	0.048	78
1435201	10.6	69	0.05	25.7	10.1	580	2.57	11.6	0.7	2.2	5.2	27	0.3	1	0.2	43	0.39	0.066	16
1435202	13.9	88	0.05	35.1	17.2	574	3.81	3.7	1.3	0.5	16	16	0.05	0.2	0.3	39	0.24	0.048	45
1435203	14.1	92	0.05	37.6	19	717	3.72	2.3	1.3	0.5	15.1	18	0.05	0.2	0.3	41	0.25	0.054	45
1435204	16.2	86	0.05	28.9	12.8	431	3.85	3.1	1.8	1.3	20.1	27	0.05	0.3	0.4	28	0.31	0.066	34
1435205	9	68	0.05	33.8	15.4	441	3.93	5.1	2.6	1.5	22	16	0.05	0.4	0.3	43	0.2	0.048	58
1435206	18.3	107	0.05	34.7	18.3	422	4.44	4	2.5	2.2	20.2	10	0.05	0.2	0.6	30	0.16	0.042	56
1435207	16.2	79	0.05	32.5	16.1	684	3.58	5.9	1.5	5.3	19.6	12	0.05	0.7	0.6	32	0.24	0.056	39
1435208	22.1	112	0.05	47.6	23	827	4.63	26.8	1.6	2.6	22.9	15	0.05	1.4	0.5	38	0.24	0.057	28
1435209	22.7	84	0.05	27.7	13.6	824	3.54	15.7	1.5	0.9	22.3	16	0.05	0.9	0.1	25	0.23	0.048	90
1435210	16	58	0.05	22.8	13.3	645	3.26	4.4	0.6	0.6	11.3	11	0.05	0.5	0.3	40	0.18	0.037	8
1435211	15.4	86	0.05	33.1	14.2	627	4.27	4.5	0.9	0.8	24.3	22	0.05	0.4	0.2	31	0.4	0.067	62
1435212	8.8	84	0.05	34.5	14.4	256	4.63	6.6	1.7	0.9	37.1	11	0.05	0.2	0.05	47	0.38	0.112	79
1435213	5.5	112	0.05	6.6	15.4	605	4.78	2.8	1.2	3.7	9.3	39	0.05	0.2	0.05	51	0.79	0.153	32
1435214	4.4	99	0.05	6.9	15.8	487	5.3	2.2	0.8	0.25	6.8	41	0.05	0.3	0.05	61	0.6	0.137	39
1435215	8.7	124	0.05	11.5	14.4	816	6.7	6.7	2.2	1.8	9.7	46	0.05	0.7	0.05	74	0.62	0.12	55
1435216	13.8	124	0.05	6.5	14.8	498	6.28	10.9	2.3	3.7	10.5	52	0.05	0.4	0.05	98	0.97	0.221	43
1435217	7.1	111	0.05	13	15	689	5.9	9.1	0.5	0.25	4.3	23	0.05	0.4	0.05	97	0.39	0.134	12
1435218	9.1	119	0.05	19.7	16.7	544	7.04	11.5	1	1.9	8.4	28	0.05	0.6	0.05	93	0.43	0.132	29
1435219	31	97	0.05	32.2	13.6	555	4.6	10.1	1.7	12.2	22.6	22	0.05	0.8	0.3	53	0.49	0.088	70
1435220	23.6	86	0.05	28.1	15.7	403	4.07	5.9	1.1	2.5	24.6	16	0.05	0.4	0.1	41	0.28	0.068	66
1435221	24.7	92	0.05	25.5	13.9	546	4.09	7.7	1.5	1.7	20.8	34	0.05	0.4	0.1	51	0.43	0.101	56
1435222	8.7	69	0.05	16.6	11.7	404	3.62	6.7	1.6	1	11.8	34	0.05	0.6	0.05	70	0.44	0.074	66
1435223	13.4	104	0.05	18.8	18	710	4.74	11.2	2.3	2.6	31.7	31	0.1	0.8	0.05	76	0.83	0.227	54
1435224	10.5	99	0.05	17.4	14.7	613	4.71	10.2	2.6	1.5	33.8	26	0.05	0.7	0.05	77	0.68	0.201	69
1435225	10.8	98	0.05	17.5	13.9	560	4.37	10	2.4	2.4	31.7	88	0.05	0.7	0.05	73	0.56	0.165	67
1435226	11	93	0.05	20.4	15.4	601	4.42	10	1.4	2.6	21.7	20	0.05	0.6	0.05	76	0.34	0.143	22
1435227	18.1	96	0.05	21.2	14.3	592	4.51	11	2	1.3	30.7	23	0.05	0.8	0.1	76	0.46	0.151	63

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1435195	26	0.8	349	0.073	2	1.12	0.023	0.13	0.2	0.02	3.5	0.1	0.025	3	0.25	0.1
1435196	29	0.74	382	0.073	2	1.25	0.021	0.11	0.3	0.04	4.1	0.1	0.025	4	0.25	0.1
1435197	27	0.51	465	0.062	1	1.24	0.017	0.07	0.2	0.05	3.9	0.05	0.025	4	0.8	0.1
1435198	29	0.46	392	0.064	1	1.41	0.015	0.06	0.2	0.04	4.1	0.05	0.025	4	0.5	0.1
1435199	43	0.99	206	0.246	0	2.58	0.009	1.36	0.05	0.005	7	0.7	0.025	9	0.25	0.1
1435200	42	0.94	217	0.204	0	2.57	0.009	1.19	0.05	0.01	6.9	0.7	0.025	8	0.25	0.1
1435201	26	0.48	336	0.066	1	1.18	0.017	0.09	0.2	0.04	3.6	0.1	0.025	4	0.25	0.1
1435202	38	0.85	210	0.169	0	2.25	0.007	1.07	0.05	0.005	5.4	0.5	0.025	8	0.25	0.1
1435203	42	0.93	276	0.199	0	2.4	0.011	1.19	0.05	0.005	6.2	0.6	0.025	8	0.25	0.1
1435204	29	0.81	232	0.09	0	2.13	0.008	0.77	0.05	0.005	5.9	0.4	0.025	6	0.25	0.1
1435205	38	0.86	413	0.122	0	2.29	0.008	0.68	0.05	0.01	8.1	0.3	0.025	8	0.25	0.1
1435206	31	0.66	183	0.184	0	1.82	0.008	0.97	0.05	0.005	5.5	0.6	0.025	5	0.25	0.1
1435207	32	0.79	156	0.201	0	2.09	0.007	1.06	0.05	0.01	5	0.6	0.025	7	0.25	0.1
1435208	36	0.82	127	0.168	0	2.28	0.008	1.03	0.05	0.01	8.1	0.6	0.025	6	0.25	0.1
1435209	28	0.5	200	0.104	0	1.39	0.004	0.63	0.05	0.01	4	0.3	0.025	5	0.25	0.1
1435210	42	0.73	139	0.137	0	2.55	0.005	0.8	0.05	0.005	4.5	0.4	0.025	7	0.25	0.1
1435211	34	0.88	182	0.13	0	2.22	0.007	0.92	0.05	0.005	3.2	0.6	0.025	7	0.25	0.1
1435212	54	1.16	239	0.184	0	2.59	0.007	1.25	0.05	0.005	5.7	0.6	0.025	8	0.25	0.1
1435213	12	1.17	867	0.204	0	2.79	0.013	1.15	0.05	0.01	7.7	0.3	0.025	9	0.25	0.1
1435214	13	1	1295	0.243	0	3.15	0.012	0.9	0.05	0.01	8.3	0.3	0.025	11	0.25	0.1
1435215	19	1.15	875	0.117	0	3.59	0.015	0.46	0.05	0.02	13.8	0.2	0.025	12	0.25	0.1
1435216	20	1.04	970	0.129	0	2.88	0.017	0.33	0.2	0.01	17.7	0.1	0.025	13	0.25	0.1
1435217	19	1.12	1307	0.344	0	3.55	0.018	1.09	0.2	0.01	7.1	0.4	0.025	12	0.25	0.1
1435218	42	1.18	1662	0.353	0	3.7	0.011	1.59	0.2	0.01	11.9	0.5	0.025	14	0.25	0.1
1435219	47	1.1	328	0.129	0	2.47	0.01	0.71	0.05	0.03	7.7	0.5	0.025	9	0.25	0.1
1435220	36	0.96	272	0.186	0	2.52	0.008	0.99	0.05	0.005	5.5	0.6	0.025	8	0.25	0.1
1435221	42	0.98	602	0.199	0	2.49	0.01	1.06	0.1	0.01	7	0.6	0.025	9	0.25	0.1
1435222	38	1.12	522	0.156	0	2.33	0.017	0.48	0.1	0.02	7.6	0.3	0.025	8	0.25	0.1
1435223	69	1.49	436	0.133	0	2.97	0.018	0.92	0.2	0.01	9.7	0.7	0.025	13	0.25	0.1
1435224	56	1.43	335	0.196	0	2.76	0.015	1.32	0.2	0.02	10.5	1.1	0.025	13	0.25	0.1
1435225	54	1.32	675	0.176	0	2.61	0.013	1.27	0.2	0.02	8.4	1	0.025	12	0.25	0.1
1435226	51	1.17	320	0.189	1	2.72	0.01	1.2	0.2	0.01	7.3	0.9	0.025	11	0.25	0.1
1435227	55	1.25	261	0.157	0	2.87	0.009	0.82	0.3	0.02	9.8	0.6	0.025	12	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1435228	BHC	Ross Reed RR02	10/15/2016 0:00	07N	613592	7036063	-138.7231376	63.43488122		769
1435229	BHC	Ross Reed RR02	10/16/2016 0:00	07N	610842	7039032	-138.7761434	63.46237349		726
1435230	BHC	Ross Reed RR02	10/16/2016 0:00	07N	610870	7039031	-138.7755828	63.4623558		767
1435231	BHC	Ross Reed RR02	10/16/2016 0:00	07N	610894	7039031	-138.7751017	63.46234832		750
1435232	BHC	Ross Reed RR02	10/16/2016 0:00	07N	610919	7039032	-138.7745999	63.4623495		756
1435233	BHC	Ross Reed RR02	10/16/2016 0:00	07N	610941	7039033	-138.7741582	63.4623516		762
1435234	BHC	Ross Reed RR02	10/16/2016 0:00	07N	610974	7039039	-138.7734926	63.46239512		784
1435235	BHC	Ross Reed RR02	10/16/2016 0:00	07N	610993	7039033	-138.7731159	63.46233539		779
1435236	BHC	Ross Reed RR02	10/16/2016 0:00	07N	611020	7039030	-138.7725768	63.46230006		791
1435236	BHC	Ross Reed RR02	10/16/2016 0:00	07N	611020	7039030	-138.7725768	63.46230006		791
1435237	BHC	Ross Reed RR02	10/16/2016 0:00	07N	611044	7039024	-138.7720999	63.46223876		789
1435238	BHC	Ross Reed RR02	10/16/2016 0:00	07N	611069	7039027	-138.7715966	63.46225786		797
1435239	BHC	Ross Reed RR02	10/16/2016 0:00	07N	611098	7039032	-138.7710118	63.46229364		782
1435240	BHC	Ross Reed RR02	10/16/2016 0:00	07N	611120	7039031	-138.7705715	63.4622778		832
1435241	BHC	Ross Reed RR02	10/16/2016 0:00	07N	611146	7039030	-138.7700511	63.46226071		821
1435242	BHC	Ross Reed RR02	10/16/2016 0:00	07N	611169	7039031	-138.7695893	63.4622625		862
1435243	BHC	Ross Reed RR02	10/16/2016 0:00	07N	611195	7039034	-138.7690661	63.46228127		854
1435244	BHC	Ross Reed RR02	10/16/2016 0:00	07N	611220	7039031	-138.7685671	63.46224656		837
1435245	BHC	Ross Reed RR02	10/16/2016 0:00	07N	611244	7039032	-138.7680853	63.46224802		858
1435246	BHC	Ross Reed RR02	10/16/2016 0:00	07N	611270	7039031	-138.7675648	63.46223092		833
1435247	BHC	Ross Reed RR02	10/16/2016 0:00	07N	611296	7039034	-138.7670415	63.46224969		869
1435248	BHC	Ross Reed RR02	10/16/2016 0:00	07N	611321	7039033	-138.7665411	63.4622329		883
1435249	BHC	Ross Reed RR02	10/16/2016 0:00	07N	611396	7039030	-138.7650398	63.46218252		910
1435250	BHC	Ross Reed RR02	10/16/2016 0:00	07N	611396	7039030	-138.7650398	63.46218252	1435249	899
1435251	BHC	Ross Reed RR02	10/16/2016 0:00	07N	611344	7039032	-138.7660808	63.46221674		890
1435252	BHC	Ross Reed RR02	10/16/2016 0:00	07N	611370	7039033	-138.7655589	63.46221757		878
1435253	BHC	Ross Reed RR02	10/17/2016 0:00	07N	612448	7038531	-138.7443054	63.45737667		930
1435254	BHC	Ross Reed RR02	10/17/2016 0:00	07N	612423	7038532	-138.7448057	63.45739354		919
1435255	BHC	Ross Reed RR02	10/17/2016 0:00	07N	612398	7038530	-138.7453081	63.4573835		970
1435256	BHC	Ross Reed RR02	10/17/2016 0:00	07N	612372	7038531	-138.7458285	63.45740068		942
1435257	BHC	Ross Reed RR02	10/17/2016 0:00	07N	612348	7038531	-138.7463095	63.45740826		937
1435258	BHC	Ross Reed RR02	10/17/2016 0:00	07N	612322	7038531	-138.7468306	63.45741646		958
1435259	BHC	Ross Reed RR02	10/17/2016 0:00	07N	612298	7038531	-138.7473116	63.45742404		958

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1435228	Auger	90	C	Subtle Slope	Reddish Yellow	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435229	Hands	20	A	Pronounced Slope	Grey	Old Burn	Grass Cover	Dry	Poor	Silt
1435230	Auger	30	B	Pronounced Slope	Grey	Birch Forest	Leaf Cover	Damp	Poor	Silt
1435231	Auger	20	B	Pronounced Slope	Dark Brown	Birch Forest	Leaf Cover	Damp	Good	Silt
1435232	Auger	50	C	Pronounced Slope	Dark Brown	Birch Forest	Burnt Moss	Wet	Good	Sand
1435233	Sheer Blunt Force	20	B	Pronounced Slope	Grey	Birch Forest	Leaf Cover	Dry	Poor	Silt
1435234	Hands	20	B	Subtle Slope	Grey	Old Burn	Grass Cover	Damp	Poor	Silt
1435235	Hands	20	A	Pronounced Slope	Grey	Old Burn	Grass Cover	Damp	Poor	Silt
1435236	Hands	10	A	Pronounced Slope	Grey	Old Burn	Rock Cover	Dry	Poor	Silt
1435236	Hands	10	A	Pronounced Slope	Grey	Old Burn	Rock Cover	Dry	Poor	Silt
1435237	Mattock	30	B	Pronounced Slope	Grey	Old Burn	Thin Moss Cover	Wet	Poor	Silt
1435238	Mattock	20	B	Pronounced Slope	Light Brown	Old Burn	Grass Cover	Dry	Poor	Silt
1435239	Auger	20	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Silt
1435240	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Wet	Poor	Silt
1435241	Hands	10	B	Pronounced Slope	Grey	Old Burn	Rock Cover	Dry	Poor	Silt
1435242	Hands	10	B	Pronounced Slope	Grey	Old Burn	Leaf Cover	Damp	Poor	Silt
1435243	Sheer Blunt Force	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Silt
1435244	Mattock	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Wet	Poor	Silt
1435245	Auger	50	B	Subtle Slope	Chocolate Brown	White Spruce	Grass Cover	Wet	Good	Silt
1435246	Auger	50	C	Subtle Slope	Greyish Green	Birch Forest	Leaf Cover	Damp	Good	Silt
1435247	Auger	40	C	Pronounced Slope	Greyish Green	Birch Forest	Grass Cover	Damp	Good	Silt
1435248	Auger	30	B	Subtle Slope	Chocolate Brown	Birch Forest	Grass Cover	Damp	Poor	Silt
1435249	Auger	50	B	Subtle Slope	Chocolate Brown	Birch Forest	Leaf Cover	Damp	Good	Silt
1435250	Auger	50	B	Subtle Slope	Chocolate Brown	Birch Forest	Leaf Cover	Damp	Good	Silt
1435251	Mattock	30	B	Pronounced Slope	Chocolate Brown	Birch Forest	Leaf Cover	Damp	Poor	Silt
1435252	Auger	50	C	Subtle Slope	Chocolate Brown	Birch Forest	Grass Cover	Damp	Good	Silt
1435253	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435254	Auger	20	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435255	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435256	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1435257	Auger	110	C	Subtle Slope	Reddish Yellow	Old Burn	Burnt Moss	Damp	Excellent	Silt
1435258	Auger	110	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435259	Auger	110	C	Subtle Slope	Greyish Green	Old Burn	Burnt Moss	Damp	Excellent	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1435228	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	14.5
1435229	Organic 25%	Fine	Scraped from tree	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	16.8
1435230	Fine	Organic 10%		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	17.9
1435231	Fine	Partially Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	15.4
1435232	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	18.9
1435233	Coarse	Organic 25%	Scraped from tree	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	20.3
1435234	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	17.1
1435235	Fine	Rocky Terrain	Frozen ground and	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	13.5
1435236	Fine	Organic 10%	Frozen talus slide.	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	18.7
1435236	Fine	Organic 10%	Frozen talus slide.	REP	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	18.3
1435237	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	19.3
1435238	Frozen	Fine	Tree well	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	15.8
1435239	Frozen	Organic 25%		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.8	17.5
1435240	Frozen	Rocky Terrain		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.8	21.7
1435241	Fine		Tree well	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	13
1435242	Partially Frozen		Sample taken from	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	14.7
1435243	Coarse		Frozen on surface	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	16.2
1435244	Frozen	Small Sample	Very frozen	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	35.6
1435245				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	32.5
1435246	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	22.6
1435247	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	22.9
1435248	Fine	Organic 10%		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	30.3
1435249				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	18.1
1435250				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	21.5
1435251	Frozen	Organic 25%		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	19.5
1435252	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	19
1435253	Coarse	Bright Orange Rust		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	61.3
1435254	Coarse	Organic 10%		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	36.2
1435255	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	16.1
1435256	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	21.1
1435257	Coarse	Bright Orange Rust		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.05	19.9
1435258	Bright Orange Rust			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.1	195.9
1435259				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.05	35

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1435228	9.3	90	0.05	15.6	14.3	551	4.26	9.4	2.6	1.7	26	21	0.05	0.7	0.05	66	0.47	0.142	65
1435229	5.6	45	0.05	23	8.4	177	1.84	6.7	0.7	17.6	2.5	43	0.1	0.3	0.1	38	0.41	0.072	11
1435230	6.9	46	0.05	23.6	9.2	232	1.96	7.6	0.8	3.5	3.1	48	0.1	0.3	0.1	42	0.47	0.063	13
1435231	6.4	44	0.05	19.9	8.1	206	1.77	7.2	0.7	5.3	2.1	45	0.2	0.3	0.1	37	0.47	0.073	12
1435232	5.1	54	0.05	23.4	12.2	312	2.59	7.1	0.6	3	5.8	40	0.1	0.2	0.05	53	0.5	0.095	14
1435233	5.9	48	0.05	20.8	8.8	227	1.87	7.2	0.8	7.6	1.5	45	0.2	0.3	0.1	42	0.42	0.081	11
1435234	5.3	48	0.05	17.6	7.8	202	1.75	5.8	0.5	4.4	2	40	0.1	0.3	0.1	36	0.35	0.072	10
1435235	5.5	46	0.05	15.9	7.1	197	1.84	6.6	0.4	7.2	2	34	0.2	0.2	0.2	46	0.3	0.036	9
1435236	6.4	50	0.1	16.3	12.5	483	1.78	4.6	0.4	4.1	1.7	34	0.3	0.2	0.1	40	0.29	0.089	8
1435236	6.4	49	0.1	16.1	12.8	481	1.79	4.7	0.4	4.2	1.7	34	0.2	0.3	0.2	39	0.3	0.089	9
1435237	6.6	56	0.05	21.1	11.3	339	2.37	8.1	0.7	3.3	2.6	60	0.1	0.2	0.1	52	0.64	0.104	11
1435238	7.1	52	0.1	18.3	9.2	282	1.96	6.9	0.5	5.8	2.1	46	0.1	0.3	0.2	45	0.41	0.053	10
1435239	6.4	49	0.1	19.5	9.5	324	1.9	6.3	0.6	4.8	2.1	45	0.2	0.3	0.1	41	0.47	0.075	11
1435240	7.5	52	0.2	21	11.6	355	2.03	6.7	0.6	8.3	1.9	52	0.2	0.3	0.2	48	0.48	0.068	11
1435241	5.1	43	0.05	18.3	7.7	160	1.68	5.3	0.4	7.9	2.6	41	0.1	0.2	0.2	39	0.43	0.064	10
1435242	5.4	42	0.05	17.4	9.3	203	1.65	5.3	0.6	6	2.3	39	0.1	0.2	0.1	37	0.4	0.065	10
1435243	5.4	39	0.05	19.2	8.2	174	1.7	4.6	0.7	25.6	2.8	39	0.05	0.2	0.1	37	0.44	0.078	11
1435244	4.7	43	0.05	46.8	12.6	209	2.05	5.2	0.8	14.4	3	57	0.1	0.3	0.05	43	0.6	0.101	12
1435245	7.7	45	0.1	31.2	11.7	318	2.1	5.9	1	4.6	3.2	49	0.05	0.3	0.1	45	0.52	0.061	15
1435246	5.4	40	0.05	19.8	10.2	179	1.7	4.7	0.9	4.8	3.7	62	0.05	0.2	0.05	39	0.6	0.114	13
1435247	4.7	38	0.05	20.4	10.4	240	1.88	4.3	0.9	4.5	4.1	56	0.05	0.2	0.05	42	0.65	0.115	16
1435248	8.9	53	0.2	26.1	19.6	592	2.48	6.6	1.3	5	3.4	66	0.2	0.3	0.1	55	0.61	0.076	16
1435249	6.5	41	0.05	18.4	9	157	1.9	6.1	0.6	6.6	3.2	39	0.05	0.3	0.05	42	0.37	0.056	11
1435250	6.7	39	0.05	21.1	10.1	159	1.96	5.9	0.7	3.1	3.2	48	0.1	0.3	0.1	44	0.41	0.063	11
1435251	6.7	45	0.1	21.8	10	181	2.07	5.3	0.7	3.9	2.2	48	0.05	0.3	0.1	46	0.41	0.061	11
1435252	6.3	38	0.05	18.3	8.4	132	1.78	4.9	0.7	10.6	3.4	42	0.05	0.3	0.05	42	0.38	0.048	13
1435253	5.7	31	0.05	114.7	32.1	219	2.36	3.4	0.8	0.6	5.2	131	0.05	0.1	0.05	40	0.86	0.025	22
1435254	5.3	34	0.05	46.3	21.5	290	2.63	4.7	0.4	0.25	2.1	46	0.05	0.2	0.05	58	0.23	0.036	7
1435255	8.3	44	0.05	25.1	10	203	2.43	8.3	0.8	5.4	7.8	22	0.05	0.4	0.1	46	0.2	0.021	24
1435256	5.5	40	0.05	18.6	14.9	374	3.03	3.6	0.8	0.25	6.2	239	0.05	0.05	0.05	65	1.05	0.118	15
1435257	8.8	45	0.05	26.9	8.6	318	2.43	4.7	1.7	4.8	16	46	0.05	0.2	0.05	38	1.17	0.072	31
1435258	3.6	59	0.05	310.2	83.7	458	3.72	20.3	1.1	2.4	5	35	0.05	0.3	0.05	55	0.57	0.063	10
1435259	5.4	35	0.05	46.6	12.4	219	2.44	1.4	0.5	1.2	2.7	138	0.05	0.05	0.05	58	1.3	0.127	7

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1435228	54	1.31	278	0.169	0	2.66	0.011	1.3	0.2	0.01	9.7	0.9	0.025	13	0.25	0.1
1435229	37	0.58	208	0.051	1	1.57	0.014	0.08	0.3	0.03	3.1	0.05	0.025	5	0.25	0.1
1435230	36	0.58	228	0.054	2	1.7	0.014	0.05	0.3	0.03	3.3	0.05	0.025	5	0.25	0.1
1435231	31	0.5	217	0.046	0	1.6	0.015	0.05	0.2	0.03	2.9	0.05	0.025	4	0.25	0.1
1435232	47	0.94	229	0.128	0	1.87	0.017	0.49	0.2	0.02	3.9	0.3	0.025	6	0.25	0.1
1435233	37	0.49	204	0.044	1	1.9	0.016	0.04	0.2	0.04	3.1	0.05	0.025	5	0.25	0.1
1435234	29	0.51	178	0.05	2	1.58	0.012	0.18	0.2	0.03	2.7	0.05	0.025	5	0.25	0.1
1435235	29	0.49	170	0.052	1	1.55	0.011	0.06	0.2	0.03	2.7	0.05	0.025	6	0.25	0.1
1435236	30	0.44	185	0.046	2	1.59	0.017	0.07	0.2	0.03	2.6	0.05	0.025	6	0.25	0.1
1435236	30	0.45	185	0.047	2	1.64	0.017	0.07	0.2	0.02	2.6	0.05	0.025	6	0.25	0.1
1435237	39	0.73	264	0.061	1	2.25	0.019	0.05	0.1	0.03	3.7	0.05	0.025	6	0.25	0.1
1435238	31	0.55	251	0.045	2	1.93	0.014	0.06	0.2	0.03	3.1	0.05	0.025	6	0.25	0.1
1435239	35	0.48	232	0.052	0	1.87	0.018	0.05	0.3	0.04	3	0.05	0.025	5	0.25	0.1
1435240	34	0.5	274	0.056	0	2.12	0.017	0.06	0.2	0.03	2.9	0.05	0.025	6	0.25	0.1
1435241	34	0.5	183	0.056	0	1.66	0.012	0.05	0.2	0.01	2.2	0.05	0.025	4	0.25	0.1
1435242	33	0.47	187	0.054	1	1.45	0.013	0.04	0.3	0.02	2.4	0.05	0.025	4	0.25	0.1
1435243	39	0.55	213	0.06	0	1.53	0.017	0.03	0.3	0.03	2.5	0.05	0.025	4	0.25	0.1
1435244	79	0.9	264	0.076	1	1.88	0.021	0.04	0.2	0.02	3	0.05	0.025	5	0.25	0.1
1435245	41	0.57	316	0.061	1	1.96	0.016	0.04	0.2	0.04	3.6	0.05	0.025	5	0.25	0.1
1435246	35	0.57	227	0.067	0	1.52	0.022	0.05	0.2	0.02	3	0.05	0.025	4	0.25	0.1
1435247	42	0.7	197	0.084	1	1.63	0.021	0.16	0.3	0.03	3.1	0.05	0.025	4	0.25	0.1
1435248	47	0.65	366	0.077	2	2.51	0.023	0.06	0.2	0.03	4.3	0.1	0.025	6	0.25	0.1
1435249	34	0.5	211	0.065	1	1.69	0.014	0.03	0.2	0.01	2.5	0.05	0.025	4	0.25	0.1
1435250	37	0.57	232	0.077	1	1.86	0.018	0.04	0.2	0.01	2.6	0.05	0.025	5	0.25	0.1
1435251	43	0.58	248	0.07	1	2.17	0.013	0.05	0.2	0.02	2.8	0.05	0.025	5	0.25	0.1
1435252	37	0.53	208	0.071	0	1.57	0.014	0.03	0.2	0.005	2.7	0.05	0.025	4	0.25	0.1
1435253	168	1.7	587	0.132	0	3.33	0.072	0.42	0.05	0.005	4.2	0.3	0.025	6	0.25	0.1
1435254	178	1.35	357	0.204	0	2.67	0.013	0.28	0.1	0.005	3.9	0.2	0.025	7	0.25	0.1
1435255	47	0.62	184	0.074	0	1.62	0.008	0.07	0.1	0.02	3.8	0.1	0.025	5	0.25	0.1
1435256	47	1.2	642	0.158	0	3.78	0.07	0.69	0.05	0.005	7.8	0.4	0.025	9	0.25	0.1
1435257	62	1.01	93	0.048	0	2.56	0.068	0.16	0.05	0.005	5.1	0.2	0.025	7	0.25	0.1
1435258	438	2.45	124	0.059	0	1.49	0.013	0.03	0.05	0.005	6.4	0.05	0.025	12	0.25	0.1
1435259	83	1.37	367	0.119	0	2.87	0.093	0.37	0.05	0.005	4.8	0.2	0.025	6	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1435260	BHC	Ross Reed RR02	10/17/2016 0:00	07N	612271	7038529	-138.7478541	63.45741462		984
1435261	BHC	Ross Reed RR02	10/17/2016 0:00	07N	612247	7038531	-138.7483337	63.45744013		978
1435262	BHC	Ross Reed RR02	10/17/2016 0:00	07N	612221	7038532	-138.748854	63.4574573		971
1435263	BHC	Ross Reed RR02	10/17/2016 0:00	07N	612197	7038530	-138.7493364	63.45744693		985
1435264	BHC	Ross Reed RR02	10/17/2016 0:00	07N	612172	7038531	-138.7498368	63.45746378		988
1435265	BHC	Ross Reed RR02	10/17/2016 0:00	07N	612147	7038530	-138.7503385	63.45746269		981
1435266	BHC	Ross Reed RR02	10/17/2016 0:00	07N	612121	7038531	-138.7508589	63.45747985		989
1435267	BHC	Ross Reed RR02	10/17/2016 0:00	07N	612097	7038529	-138.7513413	63.45746948		986
1435268	BHC	Ross Reed RR02	10/17/2016 0:00	07N	612071	7038528	-138.7518631	63.4574687		1003
1435269	BHC	Ross Reed RR02	10/17/2016 0:00	07N	612046	7038528	-138.7523641	63.45747657		993
1435270	BHC	Ross Reed RR02	10/17/2016 0:00	07N	612020	7038531	-138.7528831	63.45751166		991
1435271	BHC	Ross Reed RR02	10/17/2016 0:00	07N	611996	7038530	-138.7533648	63.45751025		1011
1435272	BHC	Ross Reed RR02	10/17/2016 0:00	07N	611971	7038531	-138.7538651	63.45752708		991
1435273	BHC	Ross Reed RR02	10/17/2016 0:00	07N	611921	7038529	-138.7548686	63.45752488		1018
1435274	BHC	Ross Reed RR02	10/17/2016 0:00	07N	611947	7038531	-138.7543461	63.45753464		1026
1435275	BHC	Ross Reed RR02	10/17/2016 0:00	07N	611947	7038531	-138.7543461	63.45753464	1435274	1004
1435276	BHC	Ross Reed RR02	10/17/2016 0:00	07N	611897	7038530	-138.7553489	63.45754139		1015
1435277	BHC	Ross Reed RR02	10/17/2016 0:00	07N	611870	7038530	-138.75589	63.45754988		1003
1435278	BHC	Ross Reed RR02	10/17/2016 0:00	07N	611846	7038530	-138.756371	63.45755743		1015
1435279	BHC	Ross Reed RR02	10/17/2016 0:00	07N	611820	7038529	-138.7568928	63.45755663		1028
1435280	BHC	Ross Reed RR02	10/17/2016 0:00	07N	611795	7038531	-138.7573924	63.45758242		1025
1435281	BHC	Ross Reed RR02	10/17/2016 0:00	07N	611769	7038530	-138.7579142	63.45758162		1012
1435282	BHC	Ross Reed RR02	10/17/2016 0:00	07N	611746	7038530	-138.7583751	63.45758885		1045
1435283	BHC	Ross Reed RR02	10/17/2016 0:00	07N	611720	7038529	-138.7588969	63.45758804		1023
1435284	BHC	Ross Reed RR02	10/17/2016 0:00	07N	611695	7038530	-138.7593973	63.45760486		1031
1435285	BHC	Ross Reed RR02	10/17/2016 0:00	07N	611670	7038531	-138.7598976	63.45762167		1033
1435286	BHC	Ross Reed RR02	10/17/2016 0:00	07N	611646	7038530	-138.7603793	63.45762024		1027
1435287	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611645	7039131	-138.7599778	63.46301022		949
1435288	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611621	7039131	-138.7604589	63.46301775		967
1435289	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611596	7039131	-138.7609601	63.4630256		879
1435290	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611570	7039131	-138.7614812	63.46303375		904
1435291	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611545	7039132	-138.7619817	63.46305056		906
1435292	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611519	7039130	-138.7625043	63.46304077		901



sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1435260	Auger	110	C	Subtle Slope	Greyish Green	Birch Forest	Burnt Moss	Damp	Excellent	Sand
1435261	Auger	80	C	Pronounced Slope	Greyish Green	Birch Forest	Burnt Moss	Damp	Excellent	Sand
1435262	Auger	70	C	Subtle Slope	Greyish Green	Birch Forest	Burnt Moss	Damp	Good	Silt
1435263	Auger	80	C	Subtle Slope	Chocolate Brown	Birch Forest	Burnt Moss	Damp	Excellent	Silt
1435264	Auger	80	C	Pronounced Slope	Greyish Green	Birch Forest	Leaf Cover	Damp	Excellent	Sand
1435265	Mattock	80	C	Subtle Slope	Chocolate Brown	Birch Forest	Grass Cover	Damp	Good	Silt
1435266	Auger	50	B	Subtle Slope	Chocolate Brown	Birch Forest	Burnt Moss	Damp	Good	Silt
1435267	Auger	80	C	Subtle Slope	Greyish Green	Birch Forest	Leaf Cover	Damp	Excellent	Sand
1435268	Auger	40	B	Subtle Slope	Chocolate Brown	Birch Forest	Burnt Moss	Damp	Good	Silt
1435269	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Silt
1435270	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435271	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435272	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435273	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435274	Auger	60	C	Subtle Slope	Greyish Green	Old Burn	Leaf Cover	Damp	Excellent	Sand
1435275	Auger	60	C	Subtle Slope	Greyish Green	Old Burn	Leaf Cover	Damp	Excellent	Sand
1435276	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435277	Auger	80	C	Subtle Slope	Greyish Green	Old Burn	Burnt Moss	Damp	Good	Silt
1435278	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Silt
1435279	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435280	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Silt
1435281	Auger	60	C	Subtle Slope	Greyish Green	Old Burn	Leaf Cover	Damp	Excellent	Sand
1435282	Auger	60	B	Subtle Slope	Greyish Green	Old Burn	Burnt Moss	Damp	Good	Silt
1435283	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435284	Auger	50	C	Subtle Slope	Greyish Green	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435285	Auger	70	C	Subtle Slope	Greyish Green	Old Burn	Burnt Moss	Damp	Good	Silt
1435286	Auger	40	B	Subtle Slope	Chocolate Brown	Birch Forest	Burnt Moss	Damp	Good	Silt
1435287	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435288	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Silt
1435289	Auger	20	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Silt
1435290	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435291	Auger	70	B	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Good	Silt
1435292	Auger	50	B	Subtle Slope	Chocolate Brown	Birch Forest	Leaf Cover	Damp	Good	Silt

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1435260	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.05	30.9
1435261	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.05	31.6
1435262	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	29.1
1435263	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.1	32.3
1435264	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.05	27.5
1435265	Coarse		Sample take from	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	42.8
1435266	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	43
1435267	Dull Red Rust		Sulfides	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	44
1435268	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.7	23.3
1435269	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	34.9
1435270	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.7	34.1
1435271	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	30
1435272	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.8	33
1435273	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.3	67.5
1435274	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.1	40
1435275	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	38.2
1435276	Coarse	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	22.9
1435277	Bright Orange Rust			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.3	37.3
1435278	Frozen	Organic 10%		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	25
1435279	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	1.1	18.4
1435280	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	22.7
1435281				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.05	47.7
1435282	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.7	21.3
1435283	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.7	21.1
1435284				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.1	46.2
1435285	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	30.5
1435286				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	24.1
1435287	Frozen	Bright Orange Rust		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	19.1
1435288	Bright Orange Rus	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	23.6
1435289	Small Sample	Bright Orange Rust		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	28.3
1435290	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	18.9
1435291	Bright Orange Rust			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	26.2
1435292	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.3	16.4

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1435260	4.8	32	0.05	52.8	12.4	180	1.99	1.5	0.5	1.1	3.3	172	0.05	0.05	0.05	43	0.92	0.097	11
1435261	3.9	38	0.05	88	12.9	189	2.07	1.1	0.5	0.9	3.5	96	0.05	0.05	0.05	41	0.74	0.086	11
1435262	5.5	38	0.05	27.7	11.6	188	2.45	3.6	0.8	16.8	3.9	116	0.05	0.2	0.1	69	1.13	0.188	13
1435263	5.1	34	0.05	40.7	14.2	184	2.36	3.1	0.7	2.7	3.6	121	0.05	0.1	0.05	63	0.92	0.098	12
1435264	4.1	36	0.05	68.8	20.3	275	2.49	2.7	0.7	11.1	5.2	99	0.05	0.05	0.05	66	0.73	0.097	11
1435265	5.5	40	0.05	45.4	21.5	197	2.5	5	0.6	7.9	3.7	81	0.05	0.2	0.1	63	0.57	0.044	13
1435266	8.3	39	0.05	26.9	16.8	212	2.35	7.8	0.7	30.2	2.7	66	0.05	0.3	0.3	53	0.44	0.042	11
1435267	6.2	34	0.05	24.2	16.6	174	2.53	3.5	0.5	14.3	4.4	149	0.05	0.1	0.05	65	1.08	0.206	13
1435268	9.6	39	0.05	22.5	10.2	197	2.42	9.7	0.5	16	3.1	26	0.05	0.5	0.2	52	0.19	0.017	12
1435269	8.9	46	0.05	30	12.9	267	2.38	9.7	0.9	29.4	4.2	48	0.05	0.4	0.3	49	0.31	0.014	15
1435270	9.2	42	0.05	29.5	12.4	224	2.56	11	0.9	60.7	5.5	53	0.05	0.4	0.5	51	0.26	0.018	17
1435271	8.6	46	0.05	36.3	13.6	248	2.64	10.2	0.6	8.6	3.6	35	0.05	0.4	0.2	51	0.24	0.028	11
1435272	8.2	54	0.05	33.7	14.6	242	2.62	10.3	0.5	54.8	3.8	46	0.05	0.5	0.3	55	0.32	0.023	12
1435273	5.7	31	0.05	58.5	19	196	2.23	13.4	0.5	25.3	3.2	131	0.05	0.2	0.2	54	0.53	0.028	12
1435274	3.4	27	0.05	49.6	23	223	2.14	7.2	0.8	52.7	6.2	67	0.05	0.1	0.3	47	0.7	0.086	15
1435275	5.2	35	0.05	48	23.2	245	2.3	7.8	0.8	50.8	5	81	0.05	0.2	0.3	51	0.61	0.066	15
1435276	7.3	37	0.05	28.4	13.5	187	2.33	9.4	0.3	5.3	2.5	34	0.05	0.3	0.1	52	0.26	0.018	8
1435277	6.5	36	0.05	26.6	14.7	302	2.43	10.1	0.7	4.7	2.6	53	0.05	0.4	0.1	67	0.89	0.116	9
1435278	6.9	33	0.05	23.6	12	316	2.06	7.9	0.3	2.5	0.8	38	0.1	0.3	0.1	49	0.32	0.061	6
1435279	10.8	42	0.1	21.5	10.3	186	2.95	11.1	0.4	1.7	2.6	17	0.05	0.6	0.2	68	0.15	0.034	9
1435280	7.4	32	0.05	27.9	11.5	175	2.13	6	0.4	0.9	1	33	0.05	0.3	0.1	50	0.27	0.066	6
1435281	3.4	34	0.05	40.9	21.6	311	2.85	3.6	0.4	2.2	1.6	72	0.05	0.1	0.05	42	0.78	0.074	8
1435282	8.7	47	0.05	23.1	10.9	228	2.54	8.7	0.6	1.5	3.2	27	0.05	0.5	0.1	51	0.21	0.026	11
1435283	7.4	40	0.05	24.6	11	195	2.37	7.7	0.4	2.5	1.5	28	0.05	0.4	0.1	47	0.24	0.048	9
1435284	3.7	24	0.05	58.4	17.9	247	2.23	4.7	0.6	5.6	1.4	214	0.05	0.1	0.05	43	1.02	0.108	7
1435285	5.8	30	0.05	35.6	13.4	212	2.66	6.5	0.3	4.7	1.5	72	0.05	0.3	0.1	57	0.66	0.05	6
1435286	7.7	44	0.05	21.3	10.9	232	2.35	6.5	0.6	3.8	3.6	44	0.05	0.5	0.1	49	0.33	0.024	10
1435287	6.5	41	0.05	23.8	8.6	151	1.97	5.3	0.7	3.2	2.2	42	0.05	0.3	0.1	43	0.41	0.069	9
1435288	7.5	45	0.05	25.4	9.5	174	1.92	6.5	1	6.5	3	56	0.1	0.3	0.2	41	0.52	0.092	11
1435289	7	45	0.1	31	11.1	206	2.08	6	0.9	3.6	2.9	79	0.1	0.3	0.1	47	0.68	0.11	12
1435290	7.1	45	0.05	22.7	9.7	166	1.98	5.1	0.8	1.5	3.4	65	0.05	0.3	0.05	43	0.54	0.088	11
1435291	10.8	45	0.05	25.5	10.4	263	2.04	6	1.2	3	4.1	87	0.05	0.3	0.05	45	0.73	0.106	14
1435292	6.3	40	0.05	19.1	7.9	160	1.79	3.9	0.7	2.3	2.6	94	0.05	0.2	0.05	39	0.86	0.102	10

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1435260	98	1.22	559	0.133	0	2.55	0.061	0.29	0.05	0.005	4.6	0.2	0.025	5	0.25	0.1
1435261	149	1.43	586	0.148	0	2.34	0.043	0.52	0.05	0.005	3.7	0.3	0.025	7	0.25	0.1
1435262	65	1.11	365	0.099	0	2.9	0.069	0.11	0.05	0.01	4.1	0.1	0.025	7	0.25	0.1
1435263	85	1.14	592	0.147	0	3.22	0.07	0.16	0.05	0.01	3.3	0.1	0.025	7	0.25	0.1
1435264	130	1.71	827	0.217	0	2.86	0.033	0.54	0.05	0.005	3.1	0.3	0.025	8	0.25	0.1
1435265	80	1.11	444	0.158	0	3.45	0.047	0.11	0.05	0.005	4.4	0.1	0.025	8	0.25	0.1
1435266	38	0.68	308	0.064	1	3.02	0.043	0.05	0.1	0.02	2.8	0.1	0.025	7	0.25	0.1
1435267	44	1.09	274	0.112	0	3.1	0.045	0.13	0.05	0.01	3.8	0.2	0.025	7	0.25	0.1
1435268	35	0.5	265	0.039	1	2.17	0.008	0.03	0.05	0.02	3.5	0.05	0.025	5	0.25	0.1
1435269	46	0.69	364	0.048	1	2.26	0.018	0.03	0.1	0.03	5.1	0.05	0.025	5	0.25	0.1
1435270	45	0.63	323	0.054	1	2.71	0.017	0.04	0.1	0.03	5.2	0.1	0.025	6	0.25	0.1
1435271	60	0.72	282	0.044	1	2.35	0.011	0.04	0.1	0.03	4.4	0.1	0.025	5	0.25	0.1
1435272	49	0.75	281	0.057	0	2.42	0.015	0.04	0.2	0.02	4.1	0.1	0.025	6	0.25	0.1
1435273	44	1	222	0.033	0	2.43	0.019	0.04	0.05	0.02	4.3	0.05	0.025	5	0.25	0.1
1435274	77	1.57	273	0.111	0	2.34	0.032	0.17	0.2	0.02	5.7	0.1	0.025	7	0.25	0.1
1435275	83	1.48	239	0.079	0	2.42	0.021	0.07	0.2	0.02	6.1	0.05	0.025	7	0.25	0.1
1435276	40	0.66	238	0.043	0	2.6	0.013	0.04	0.05	0.005	3	0.05	0.025	5	0.25	0.1
1435277	37	0.83	238	0.05	1	2.01	0.022	0.03	0.1	0.02	5.6	0.05	0.025	5	0.25	0.1
1435278	31	0.46	223	0.026	0	2.2	0.01	0.03	0.05	0.02	2.5	0.05	0.025	5	0.25	0.1
1435279	34	0.4	223	0.038	0	2.13	0.008	0.04	0.2	0.03	3	0.05	0.025	6	0.25	0.1
1435280	34	0.51	237	0.032	0	2.61	0.007	0.03	0.1	0.03	3	0.05	0.025	6	0.25	0.1
1435281	71	1.43	162	0.031	0	2.79	0.013	0.02	0.05	0.01	8.6	0.05	0.025	5	0.25	0.1
1435282	37	0.54	217	0.04	0	1.86	0.007	0.03	0.1	0.02	4	0.05	0.025	5	0.25	0.1
1435283	31	0.47	233	0.036	1	2.05	0.01	0.03	0.2	0.02	2.9	0.05	0.025	5	0.25	0.1
1435284	80	0.99	515	0.026	0	4.05	0.053	0.02	0.05	0.02	8.2	0.05	0.025	6	0.25	0.1
1435285	70	1.09	232	0.043	0	2.95	0.014	0.02	0.05	0.02	5.2	0.05	0.025	7	0.25	0.1
1435286	32	0.61	248	0.036	0	2.25	0.011	0.03	0.1	0.02	3.5	0.05	0.025	5	0.25	0.1
1435287	40	0.6	200	0.056	1	2.14	0.02	0.03	0.1	0.03	2.4	0.05	0.025	5	0.25	0.1
1435288	42	0.56	251	0.062	1	2.02	0.026	0.04	0.2	0.03	2.8	0.05	0.025	5	0.25	0.1
1435289	52	0.68	377	0.085	0	2.35	0.032	0.05	0.1	0.03	3.3	0.05	0.025	6	0.25	0.1
1435290	37	0.63	295	0.077	0	1.96	0.024	0.05	0.1	0.03	2.7	0.05	0.025	5	0.25	0.1
1435291	39	0.61	364	0.065	0	2.36	0.039	0.03	0.2	0.04	3.9	0.05	0.025	5	0.25	0.1
1435292	33	0.64	292	0.063	1	2.38	0.056	0.04	0.1	0.02	2.7	0.05	0.025	6	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1435293	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611495	7039132	-138.7629839	63.46306623		893
1435294	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611470	7039131	-138.7634858	63.4630651		887
1435295	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611445	7039131	-138.7639869	63.46307293		890
1435296	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611419	7039131	-138.7645081	63.46308108		848
1435297	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611395	7039130	-138.7649899	63.46307962		897
1435298	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611420	7039032	-138.7645574	63.46219294		888
1435299	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611646	7039032	-138.7600272	63.46212209		931
1435300	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611646	7039032	-138.7600272	63.46212209	1435299	934
1435301	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611445	7039032	-138.7640562	63.46218511		938
1435302	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611471	7039031	-138.7635358	63.462168		918
1435303	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611495	7039032	-138.763054	63.46216945		922
1435304	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611521	7039032	-138.7625328	63.4621613		919
1435305	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611546	7039031	-138.7620324	63.46214449		929
1435306	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611570	7039032	-138.7615506	63.46214593		928
1435307	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611595	7039032	-138.7610495	63.46213809		931
1435308	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611622	7039032	-138.7605083	63.46212962		943
1435309	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611644	7038932	-138.7601375	63.46122594		958
1435310	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611619	7038932	-138.7606386	63.46123378		961
1435311	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611595	7038932	-138.7611196	63.46124131		945
1435312	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611570	7038931	-138.7616214	63.46124018		967
1435313	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611544	7038931	-138.7621426	63.46124833		947
1435314	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611520	7038931	-138.7626236	63.46125586		935
1435315	BHC	Ross Reed RR02	10/18/2016 0:00	07N	611494	7038931	-138.7631448	63.46126401		934
1435316	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612952	7037536	-138.734905	63.4482984		737
1435317	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612924	7037528	-138.7354769	63.44823133		733
1435318	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612898	7037528	-138.7359978	63.44823958		741
1435319	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612874	7037528	-138.7364786	63.44824719		764
1435320	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612849	7037528	-138.7369795	63.44825512		734
1435321	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612825	7037527	-138.737461	63.44825376		758
1435322	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612799	7037529	-138.7379805	63.44827993		763
1435323	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612774	7037529	-138.7384814	63.44828785		764
1435324	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612749	7037528	-138.7389829	63.4482868		782
1435325	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612749	7037528	-138.7389829	63.4482868	1435324	766

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1435293	Auger	40	C	Subtle Slope	Chocolate Brown	Birch Forest	Grass Cover	Damp	Good	Silt
1435294	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Silt
1435295	Auger	40	B	Subtle Slope	Greyish Green	Old Burn	Burnt Moss	Damp	Good	Silt
1435296	Auger	50	B	Subtle Slope	Chocolate Brown	Birch Forest	Leaf Cover	Damp	Good	Silt
1435297	Auger	40	B	Subtle Slope	Chocolate Brown	Birch Forest	Leaf Cover	Damp	Good	Silt
1435298	Auger	30	C	Subtle Slope	Light Brown	Birch Forest	Leaf Cover	Damp	Good	Silt
1435299	Auger	80	C	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Excellent	Sand
1435300	Auger	70	B	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Sand
1435301	Auger	90	B	Subtle Slope	Chocolate Brown	Birch Forest	Leaf Cover	Damp	Good	Silt
1435302	Auger	70	C	Subtle Slope	Greyish Green	Old Burn	Leaf Cover	Damp	Good	Sand
1435303	Auger	60	B	Subtle Slope	Light Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435304	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435305	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435306	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1435307	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435308	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435309	Auger	80	C	Subtle Slope	Greyish Green	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435310	Auger	40	B	Subtle Slope	Greyish Green	Old Burn	Leaf Cover	Damp	Good	Silt
1435311	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435312	Auger	50	B	Subtle Slope	Greyish Green	Old Burn	Burnt Moss	Damp	Good	Silt
1435313	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Silt
1435314	Auger	50	B	Subtle Slope	Light Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435315	Auger	40	B	Pronounced Slope	Chocolate Brown	Birch Forest	Leaf Cover	Damp	Good	Silt
1435316	Auger	80	B	Flat	Dark Brown	Black Spruce	Sphagnum Moss < Wet		Good	Silt
1435317	Auger	100	B	Flat	Chocolate Brown	Black Spruce	Sphagnum Moss < Wet		Good	Sand
1435318	Auger	50	B	Subtle Slope	Chocolate Brown	Black Spruce	Sphagnum Moss < Wet		Good	Silt
1435319	Auger	40	C	Pronounced Slope	Light Brown	White Spruce	Thin Moss Cover	Dry	Good	Sand
1435320	Auger	50	C	Subtle Slope	Chocolate Brown	White Spruce	Leaf Cover	Damp	Good	Sand
1435321	Auger	110	C	Subtle Slope	Reddish Yellow	Dwarf Birch	Leaf Cover	Damp	Good	Sand
1435322	Auger	100	C	Subtle Slope	Reddish Yellow	Black Spruce	Leaf Cover	Damp	Excellent	Sand
1435323	Auger	100	C	Subtle Slope	Reddish Yellow	White Spruce	Leaf Cover	Damp	Excellent	Sand
1435324	Auger	80	B	Subtle Slope	Chocolate Brown	Alders	Leaf Cover	Damp	Poor	Silt
1435325	Auger	80	B	Subtle Slope	Chocolate Brown	Alders	Leaf Cover	Damp	Poor	Silt

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1435293	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.3	18.9
1435294	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	16.8
1435295	Fine	Bright Orange Rust		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	17.4
1435296	Bright Orange Rust			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	16.2
1435297	Coarse	Bright Orange Rust		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	18.9
1435298	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	16.3
1435299	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	35.4
1435300	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.3	22.9
1435301				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	22.6
1435302	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.1	36.7
1435303				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	16.3
1435304				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	22.6
1435305				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	24.5
1435306	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	27.9
1435307				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.3	21
1435308				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	23
1435309	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.1	56.1
1435310				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	23.4
1435311				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	21.3
1435312	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.1	32.3
1435313	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	25.7
1435314				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	17.6
1435315				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	18.5
1435316	Partially Frozen		Creek nearby	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	19.8
1435317	Possible Creek Co Wet Soil			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	21.2
1435318				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	1.8	20.9
1435319	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	1.7	22.1
1435320	Bright Orange Rust			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.9	21.4
1435321	Fine	Bright Orange Rust		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	1.7	89
1435322	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	21.2
1435323	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	16.4
1435324	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	37.2
1435325	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	36.2

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1435293	6.5	38	0.05	19.4	9.9	309	1.93	5.1	0.8	104.4	2.7	67	0.05	0.2	0.05	44	0.67	0.116	11
1435294	7.3	44	0.05	17.5	7.9	185	2.16	6.2	1.2	3.8	6.8	34	0.05	0.2	0.05	44	0.44	0.066	32
1435295	7.2	44	0.05	21	7.9	144	2.01	6.1	0.8	3.1	4	45	0.05	0.3	0.1	44	0.43	0.055	12
1435296	6.7	40	0.05	23.6	8.4	140	1.89	4.9	0.8	2.3	4.2	46	0.05	0.3	0.1	40	0.42	0.068	13
1435297	6.4	35	0.05	19.8	9.4	216	1.87	5.2	1	2	3.5	49	0.05	0.3	0.05	39	0.5	0.065	12
1435298	6	36	0.05	22.3	8.8	168	1.93	5.9	0.4	2.8	1.7	31	0.05	0.2	0.05	44	0.27	0.052	8
1435299	5.2	54	0.05	42.8	17.8	221	3.01	3.8	0.7	1.8	5.2	148	0.05	0.05	0.05	71	1.09	0.18	14
1435300	4.8	41	0.05	23.8	11.7	155	2.19	3.7	0.6	3.4	3.5	92	0.05	0.2	0.05	50	0.7	0.131	11
1435301	6.6	41	0.05	25.9	9.8	172	2.07	5.4	0.9	2.5	4.2	57	0.05	0.2	0.05	47	0.46	0.051	13
1435302	3.9	32	0.05	71.4	16.2	147	1.97	2.6	0.5	1.6	2.6	144	0.05	0.05	0.05	48	0.8	0.098	10
1435303	6.7	38	0.05	17.9	7.9	142	1.93	4.8	0.8	32.6	3	36	0.05	0.2	0.05	44	0.33	0.043	11
1435304	6.1	39	0.05	22.2	9.5	161	2.01	4.9	0.8	3.2	3.5	56	0.05	0.2	0.05	46	0.52	0.07	12
1435305	5.3	38	0.05	27.5	11.4	182	2.14	4.9	0.7	3.5	3	82	0.05	0.2	0.05	52	0.87	0.122	11
1435306	4.9	37	0.05	29.2	10.4	162	2.01	3.9	0.8	2.9	2.6	118	0.05	0.2	0.05	47	0.92	0.133	12
1435307	5.7	42	0.05	28.1	11.3	185	2.3	4.3	0.7	1.8	3.9	86	0.05	0.2	0.05	52	0.65	0.086	13
1435308	5.1	38	0.05	28.6	11.4	145	2.06	4	0.7	5.4	3.1	84	0.05	0.2	0.05	48	0.72	0.118	10
1435309	3.6	36	0.05	68.3	22.4	184	2.38	2.7	0.4	0.25	2.2	91	0.05	0.1	0.05	59	0.76	0.084	7
1435310	4.6	36	0.05	27.7	11.8	178	2.06	3.2	0.5	1.9	2.4	89	0.05	0.1	0.05	45	0.76	0.136	8
1435311	4.9	35	0.05	24	10.8	179	1.98	3.7	0.5	1.1	3.1	243	0.05	0.2	0.05	42	0.88	0.09	9
1435312	4.4	38	0.05	23.4	11.8	178	2.13	4.5	0.5	4.9	3.1	101	0.05	0.2	0.05	49	0.79	0.14	9
1435313	6.3	41	0.05	20.1	9.4	185	2.22	6.2	0.9	1.9	3.4	54	0.05	0.3	0.05	48	0.56	0.066	12
1435314	7.1	44	0.05	18.7	10.2	200	2.18	6.5	0.7	2.8	3.4	39	0.05	0.4	0.1	48	0.34	0.04	12
1435315	7.2	42	0.05	16.5	8.5	174	2.05	6.1	0.7	3.2	3.1	38	0.05	0.3	0.05	45	0.33	0.039	13
1435316	8.3	56	0.1	22.2	8.5	272	2.15	5.3	1.5	5.1	5.4	36	0.2	0.7	0.2	41	0.53	0.055	19
1435317	8	47	0.1	24.2	9.7	271	1.78	3.5	1.7	2.6	7.9	50	0.1	0.6	0.2	32	0.69	0.062	22
1435318	14.2	51	0.9	15.9	6.9	236	2.2	6.6	1.9	16.1	12.1	30	0.1	0.9	1.1	37	0.5	0.055	35
1435319	20.1	66	0.7	16.1	8.9	257	2.79	8.6	1.2	3.9	10.2	23	0.2	0.7	0.7	48	0.37	0.044	17
1435320	10.2	48	0.2	19.3	8.7	372	2.29	8.2	1.1	13.6	7.7	34	0.05	0.9	0.3	42	0.58	0.062	17
1435321	10	58	0.1	29.4	13.4	681	3.49	27.2	1.3	3.1	10.1	26	0.2	2.2	0.1	56	0.59	0.117	28
1435322	10.3	91	0.05	19.5	11.1	597	3.85	9.8	1.8	1.6	36.7	21	0.05	0.9	0.05	48	0.52	0.09	62
1435323	14.1	72	0.05	14	8.7	467	3.16	6.6	1.8	1.7	35.6	22	0.05	0.7	0.05	39	0.49	0.045	46
1435324	10.4	60	0.1	33.4	11.8	465	2.54	10.8	0.7	5.3	4.4	39	0.1	0.7	0.2	50	0.91	0.043	15
1435325	12.3	59	0.1	34.3	11.3	448	2.49	10.7	0.6	5.8	4.4	39	0.2	0.7	0.2	50	0.98	0.044	15



sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1435293	38	0.63	233	0.056	0	2.02	0.027	0.03	0.2	0.03	3.3	0.05	0.025	5	0.25	0.1
1435294	32	0.59	176	0.09	0	1.85	0.013	0.14	0.2	0.02	3.9	0.1	0.025	6	0.25	0.1
1435295	39	0.57	219	0.076	0	1.71	0.015	0.04	0.2	0.03	3.3	0.05	0.025	5	0.25	0.1
1435296	55	0.65	283	0.089	0	1.76	0.017	0.06	0.2	0.02	3.2	0.1	0.025	5	0.25	0.1
1435297	34	0.54	254	0.063	1	1.78	0.022	0.03	0.2	0.02	2.8	0.05	0.025	4	0.25	0.1
1435298	43	0.51	185	0.059	0	1.86	0.011	0.03	0.2	0.02	2.2	0.05	0.025	5	0.25	0.1
1435299	96	1.3	460	0.103	0	3.65	0.047	0.23	0.05	0.005	5.3	0.1	0.025	9	0.25	0.1
1435300	45	0.78	363	0.078	0	2.51	0.033	0.1	0.1	0.01	3.2	0.1	0.025	6	0.25	0.1
1435301	59	0.65	291	0.09	0	1.88	0.019	0.08	0.2	0.01	4	0.1	0.025	5	0.25	0.1
1435302	122	1.36	451	0.126	0	2.83	0.048	0.13	0.05	0.005	2.7	0.1	0.025	6	0.25	0.1
1435303	35	0.52	224	0.059	0	1.64	0.013	0.03	0.1	0.02	3.3	0.05	0.025	4	0.25	0.1
1435304	39	0.64	278	0.08	0	1.87	0.022	0.06	0.1	0.02	3.4	0.05	0.025	5	0.25	0.1
1435305	59	0.9	280	0.067	0	2.42	0.025	0.05	0.05	0.02	3.5	0.05	0.025	6	0.25	0.1
1435306	51	0.8	323	0.061	0	2.66	0.043	0.1	0.05	0.02	3.5	0.05	0.025	6	0.25	0.1
1435307	62	0.88	367	0.098	0	2.47	0.033	0.2	0.05	0.02	3.9	0.2	0.025	6	0.25	0.1
1435308	60	0.83	360	0.079	0	2.45	0.031	0.08	0.05	0.01	3.4	0.05	0.025	6	0.25	0.1
1435309	113	1.33	608	0.132	0	2.88	0.055	0.28	0.05	0.01	3.4	0.1	0.025	6	0.25	0.1
1435310	57	0.96	417	0.084	0	2.53	0.029	0.16	0.05	0.005	3.8	0.1	0.025	6	0.25	0.1
1435311	52	0.88	372	0.07	0	2.56	0.047	0.05	0.05	0.01	3.7	0.05	0.025	6	0.25	0.1
1435312	41	0.91	395	0.111	0	2.3	0.038	0.19	0.05	0.01	4	0.1	0.025	6	0.25	0.1
1435313	35	0.58	268	0.066	0	2.22	0.028	0.04	0.05	0.03	4.2	0.05	0.025	5	0.25	0.1
1435314	33	0.51	239	0.052	0	2.12	0.013	0.03	0.1	0.02	3.4	0.05	0.025	5	0.25	0.1
1435315	29	0.47	215	0.054	0	1.74	0.013	0.03	0.1	0.02	3.1	0.05	0.025	4	0.25	0.1
1435316	32	0.53	291	0.054	1	1.39	0.014	0.07	0.2	0.04	3.9	0.05	0.025	4	0.25	0.1
1435317	50	0.69	222	0.06	2	1.41	0.017	0.1	0.2	0.03	4.2	0.1	0.025	4	0.25	0.1
1435318	31	0.54	210	0.046	1	1.49	0.01	0.13	0.2	0.03	4.1	0.2	0.025	6	0.25	0.5
1435319	32	0.61	221	0.074	0	1.66	0.008	0.27	0.2	0.02	4.2	0.2	0.025	7	0.25	0.1
1435320	30	0.51	228	0.069	0	1.37	0.014	0.13	0.2	0.02	4.1	0.1	0.025	5	0.25	0.1
1435321	37	1.09	290	0.128	0	2.03	0.007	0.76	0.05	0.01	4.8	0.4	0.025	7	0.25	0.1
1435322	37	0.9	226	0.113	0	2.14	0.009	0.9	0.05	0.01	7.2	0.7	0.025	13	0.25	0.1
1435323	30	0.67	228	0.072	0	2.03	0.007	0.57	0.05	0.01	6.6	0.5	0.025	10	0.25	0.1
1435324	33	0.6	334	0.071	1	1.72	0.021	0.09	0.2	0.04	4.4	0.05	0.025	5	0.25	0.1
1435325	34	0.59	344	0.075	2	1.7	0.021	0.09	0.2	0.03	4.6	0.05	0.025	5	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1435326	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612724	7037528	-138.7394838	63.44829472		796
1435327	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612697	7037529	-138.7400241	63.44831224		793
1435328	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612673	7037527	-138.7405063	63.4483019		800
1435328	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612673	7037527	-138.7405063	63.4483019		800
1435329	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612649	7037529	-138.7409857	63.44832743		784
1435330	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612624	7037528	-138.7414873	63.44832637		815
1435331	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612599	7037528	-138.7419882	63.44833428		807
1435332	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612574	7037528	-138.742489	63.44834219		805
1435333	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612547	7037531	-138.7430279	63.44837763		796
1435334	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612524	7037529	-138.7434901	63.44836696		822
1435335	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612498	7037527	-138.7440124	63.44835725		800
1435336	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612473	7037529	-138.7445081	63.448385		804
1435337	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612448	7037528	-138.7450134	63.44838201		824
1435338	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612423	7037529	-138.7455136	63.44839887		812
1435339	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612398	7037529	-138.7460145	63.44840677		837
1435340	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612373	7037529	-138.7465154	63.44841466		820
1435341	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612348	7037530	-138.7470155	63.44843152		839
1435342	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612324	7037530	-138.7474964	63.44843909		838
1435343	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612298	7037529	-138.748018	63.44843833		829
1435344	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612273	7037529	-138.7485189	63.44844621		835
1435345	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612249	7037528	-138.7490004	63.44844482		834
1435346	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612222	7037528	-138.7495414	63.44845333		827
1435347	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612197	7037528	-138.7500422	63.44846121		826
1435348	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612173	7037529	-138.7505224	63.44847774		829
1435349	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612147	7037529	-138.7510433	63.44848593		815
1435350	BHC	Ross Reed RR02	10/19/2016 0:00	07N	612147	7037529	-138.7510433	63.44848593	1435349	819
1435351	BHC	Ross Reed RR02	10/20/2016 0:00	07N	611620	7038430	-138.7609746	63.4567315		1014
1435352	BHC	Ross Reed RR02	10/20/2016 0:00	07N	611595	7038430	-138.7614715	63.45673945		987
1435353	BHC	Ross Reed RR02	10/20/2016 0:00	07N	611570	7038428	-138.7619739	63.45672935		995
1435354	BHC	Ross Reed RR02	10/20/2016 0:00	07N	611546	7038429	-138.7624542	63.45674584		992
1435355	BHC	Ross Reed RR02	10/20/2016 0:00	07N	611520	7038430	-138.7629746	63.45676296		1000
1435356	BHC	Ross Reed RR02	10/20/2016 0:00	07N	611495	7038429	-138.7634763	63.45676183		998
1435357	BHC	Ross Reed RR02	10/20/2016 0:00	07N	611470	7038430	-138.7639766	63.45677863		989

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1435326	Auger	100	B	Subtle Slope	Chocolate Brown	Alders	Leaf Cover	Damp	Good	Silt
1435327	Auger	70	B	Subtle Slope	Chocolate Brown	Black Spruce	Leaf Cover	Damp	Good	Silt
1435328	Auger	50	B	Subtle Slope	Chocolate Brown	Birch Forest	Leaf Cover	Damp	Good	Silt
1435328	Auger	50	B	Subtle Slope	Chocolate Brown	Birch Forest	Leaf Cover	Damp	Good	Silt
1435329	Auger	50	B	Subtle Slope	Greyish Green	Birch Forest	Leaf Cover	Damp	Good	Silt
1435330	Auger	40	B	Subtle Slope	Chocolate Brown	Alders	Leaf Cover	Damp	Good	Silt
1435331	Auger	50	B	Subtle Slope	Chocolate Brown	Alders	Leaf Cover	Damp	Good	Silt
1435332	Auger	100	B	Subtle Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Damp	Good	Silt
1435333	Auger	30	B	Subtle Slope	Light Brown	Alders	Leaf Cover	Dry	Good	Silt
1435334	Auger	50	B	Subtle Slope	Light Brown	White Spruce	Thin Moss Cover	Damp	Good	Silt
1435335	Auger	70	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435336	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435337	Auger	40	C	Subtle Slope	Reddish Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435338	Auger	40	C	Pronounced Slope	Greyish Green	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435339	Auger	40	C	Pronounced Slope	Light Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435340	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435341	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435342	Auger	40	C	Pronounced Slope	Reddish Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1435343	Auger	100	C	Pronounced Slope	Greyish Green	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435344	Auger	60	C	Pronounced Slope	Greyish Green	Old Burn	Burnt Moss	Damp	Good	Sand
1435345	Auger	30	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435346	Auger	100	C	Pronounced Slope	Greyish Green	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435347	Auger	100	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Wet	Good	Silt
1435348	Auger	100	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Wet	Good	Silt
1435349	Auger	110	B	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Wet	Good	Silt
1435350	Auger	110	C	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Wet	Good	Silt
1435351	Auger	40	B	Subtle Slope	Chocolate Brown	Birch Forest	Leaf Cover	Damp	Good	Silt
1435352	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435353	Auger	40	B	Subtle Slope	Chocolate Brown	Birch Forest	Leaf Cover	Damp	Good	Silt
1435354	Auger	30	B	Subtle Slope	Chocolate Brown	Birch Forest	Leaf Cover	Damp	Good	Silt
1435355	Auger	40	B	Subtle Slope	Chocolate Brown	Birch Forest	Leaf Cover	Damp	Good	Silt
1435356	Auger	40	B	Subtle Slope	Chocolate Brown	Birch Forest	Leaf Cover	Damp	Good	Silt
1435357	Auger	30	B	Subtle Slope	Greyish Green	Birch Forest	Burnt Moss	Damp	Good	Silt

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1435326	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	34.8
1435327	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	43.1
1435328	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	37.6
1435328	Fine			REP	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	36.4
1435329	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	40.3
1435330	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	37
1435331	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	40
1435332				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	39
1435333	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	40.6
1435334	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	62.6
1435335	Quartz Chips			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	35.7
1435336	Coarse	Quartz Chips		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	34.1
1435337	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	43.6
1435338	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.1	35.6
1435339	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	56.1
1435340	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	27.8
1435341	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	57.7
1435342	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	1.5	63.9
1435343	Coarse	Bright Orange Rust		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.05	79.3
1435344	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	45
1435345	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	23.6
1435346	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.05	54
1435347	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.7	36.7
1435348	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	35
1435349	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	57.3
1435350	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	47.3
1435351	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	26.9
1435352	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	30.7
1435353	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	17.5
1435354				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	24
1435355				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	26.3
1435356				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	20.2
1435357	Coarse	Small Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	22.5

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1435326	9.1	48	0.1	32.6	10.6	363	2.16	8.1	0.8	5	2.8	45	0.1	0.7	0.1	42	1.14	0.042	12
1435327	10.4	55	0.1	36.9	11.6	334	2.57	9.8	0.7	9.1	4.3	40	0.2	0.7	0.2	48	0.93	0.044	15
1435328	9.5	56	0.1	33.1	10.1	301	2.56	10.5	0.7	9.4	4.1	43	0.1	0.7	0.2	49	0.7	0.057	16
1435328	9.3	54	0.1	32.1	10	300	2.57	9.7	0.6	10.6	4.1	41	0.2	0.7	0.2	48	0.72	0.058	15
1435329	10	61	0.1	32.3	11.1	330	2.73	11	0.5	7.6	4.7	39	0.1	0.8	0.2	50	0.72	0.05	16
1435330	10	59	0.1	31.6	11.6	569	2.84	9.3	0.8	6.3	4	46	0.4	0.9	0.2	57	0.95	0.034	15
1435331	10.8	58	0.1	36	12.7	427	2.56	9	0.5	6.6	4.1	51	0.2	0.8	0.2	49	2	0.052	13
1435332	12.2	69	0.1	36.1	11.5	396	2.62	11	0.5	3.7	4	44	0.2	0.9	0.2	49	1.51	0.059	15
1435333	8.1	44	0.05	34.1	17.9	314	2.45	9.5	0.5	43.6	3.7	77	0.05	0.5	0.2	50	1.7	0.054	13
1435334	8.4	59	0.1	58.2	19.4	349	2.65	10.8	0.5	15.2	3.4	86	0.2	0.5	0.1	72	2.87	0.06	14
1435335	8.1	52	0.1	36.4	11.9	428	2.3	8.7	0.5	13.1	2.4	92	0.2	0.6	0.1	48	6.05	0.042	10
1435336	8.7	46	0.2	32.1	10.3	452	2.29	9.7	0.7	2.1	2.2	62	0.2	0.8	0.1	50	5.04	0.042	10
1435337	8.7	32	0.2	39	12.4	243	2.19	10.3	0.7	10.5	2.8	74	0.1	0.6	0.1	47	4.81	0.034	15
1435338	4	19	0.05	40.8	13	99	1.28	5.4	0.2	0.25	1.3	77	0.05	0.2	0.05	32	0.44	0.055	4
1435339	6.7	42	0.05	54.2	16	250	3.26	12.9	0.4	1.2	2.8	81	0.05	0.4	0.05	97	0.57	0.028	9
1435340	8.4	34	0.05	29.7	10.7	147	2.19	8.2	0.3	7.9	2.5	62	0.05	0.4	0.1	46	0.32	0.032	8
1435341	6	40	0.1	48.6	14.8	244	2.25	8.1	0.6	6.1	4.2	55	0.05	0.4	0.05	53	0.73	0.067	12
1435342	4.9	83	0.1	47.8	10.6	143	2.74	18.2	1.2	3.6	2.6	34	0.2	0.4	0.1	86	0.51	0.134	10
1435343	5.5	34	0.1	133.7	27.3	308	2.6	9.6	0.5	8.8	2.5	153	0.05	0.2	0.05	55	1.57	0.121	11
1435344	6.9	39	0.05	55.4	11.7	215	2.55	9.7	0.7	4	3.8	49	0.05	0.6	0.1	51	0.47	0.021	18
1435345	7.8	32	0.05	29.3	13.8	176	2.09	4.8	0.4	1.2	2.6	108	0.05	0.2	0.05	47	0.65	0.05	8
1435346	4.9	29	0.05	109	17.6	205	1.91	3.2	0.6	1.7	3.3	45	0.05	0.1	0.05	36	0.69	0.101	15
1435347	12.2	46	0.05	57.1	14.3	382	2.63	9.8	0.8	3.7	4.3	33	0.05	0.6	0.1	50	0.49	0.026	16
1435348	9.5	50	0.05	47.4	12.8	343	2.68	12.1	0.8	5.8	4.4	38	0.05	0.5	0.1	59	0.56	0.042	13
1435349	7.2	40	0.05	95.2	33.8	443	2.71	7.8	0.6	2.8	4.4	54	0.05	0.3	0.05	68	0.81	0.135	12
1435350	5.5	38	0.05	90.3	27	291	2.45	5.4	0.7	0.6	4.9	39	0.05	0.2	0.05	54	0.83	0.169	11
1435351	5.5	36	0.05	19.9	14.3	269	2.2	7.5	0.5	2.1	2.8	42	0.05	0.4	0.05	46	0.37	0.03	9
1435352	5.5	27	0.05	29.8	15.9	131	1.97	5.7	0.5	3.4	2.7	93	0.05	0.2	0.05	53	0.43	0.027	9
1435353	7.9	37	0.05	17.1	8.5	168	2.14	8.2	0.4	1.9	2.9	24	0.05	0.5	0.1	47	0.16	0.017	10
1435354	7.9	43	0.05	22.2	12.1	181	2.33	8.5	0.4	2.2	3	38	0.05	0.6	0.1	51	0.25	0.021	9
1435355	7.7	41	0.05	19.6	9.6	257	2.34	8.6	1.2	2.3	3.8	39	0.05	0.5	0.1	49	0.32	0.031	14
1435356	5.7	35	0.05	16.4	8.9	218	2.06	5.7	0.6	3.7	2.3	53	0.05	0.3	0.05	47	0.51	0.065	10
1435357	6.3	41	0.05	20.6	12.1	433	2.23	5.6	0.3	3.6	1.1	63	0.1	0.3	0.05	50	0.56	0.061	6

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1435326	36	0.6	296	0.052	1	1.5	0.018	0.05	0.1	0.04	4.1	0.05	0.025	4	0.25	0.1
1435327	43	0.7	358	0.066	2	1.7	0.021	0.08	0.1	0.04	4.9	0.05	0.025	4	0.25	0.1
1435328	39	0.64	392	0.064	2	1.58	0.021	0.05	0.2	0.04	4.8	0.05	0.025	5	0.25	0.1
1435328	38	0.64	377	0.062	1	1.57	0.02	0.05	0.2	0.03	4.8	0.05	0.025	4	0.25	0.1
1435329	39	0.69	390	0.068	2	1.64	0.02	0.07	0.2	0.05	5	0.05	0.025	5	0.25	0.1
1435330	40	0.64	496	0.067	1	2.02	0.019	0.07	0.2	0.02	5.5	0.05	0.025	6	0.25	0.1
1435331	40	0.81	335	0.072	1	1.68	0.025	0.07	0.2	0.04	5	0.05	0.025	5	0.25	0.1
1435332	39	0.75	401	0.061	1	1.53	0.022	0.06	0.2	0.05	4.7	0.05	0.025	4	0.25	0.1
1435333	40	0.9	369	0.055	0	1.87	0.036	0.05	0.2	0.04	4.9	0.05	0.025	4	0.25	0.1
1435334	70	1.12	342	0.09	1	2.29	0.041	0.05	0.2	0.05	5	0.05	0.025	6	0.25	0.1
1435335	47	1.57	404	0.066	2	1.72	0.029	0.05	0.2	0.04	4	0.05	0.025	4	0.25	0.1
1435336	39	1.51	331	0.05	3	1.64	0.017	0.05	0.3	0.05	3.8	0.05	0.025	4	0.25	0.1
1435337	55	0.83	273	0.061	2	1.51	0.021	0.07	0.2	0.06	4.6	0.05	0.025	4	0.6	0.1
1435338	36	0.52	251	0.057	0	1.76	0.025	0.03	0.05	0.005	2.1	0.05	0.025	3	0.25	0.1
1435339	125	1.57	184	0.061	0	3.46	0.024	0.04	0.05	0.005	11.5	0.05	0.025	7	0.25	0.1
1435340	39	0.5	192	0.041	0	2.18	0.011	0.04	0.05	0.02	3.1	0.05	0.025	5	0.25	0.1
1435341	66	0.85	274	0.061	0	2.03	0.045	0.03	0.05	0.04	5	0.05	0.025	5	0.25	0.1
1435342	42	0.42	578	0.043	0	1.51	0.009	0.04	0.2	0.02	5.2	0.05	0.025	4	0.8	0.1
1435343	122	1.36	465	0.112	0	3.88	0.166	0.07	0.1	0.03	3.1	0.05	0.025	8	0.25	0.1
1435344	84	0.93	237	0.067	0	2.02	0.025	0.04	0.1	0.04	7.3	0.05	0.025	5	0.25	0.1
1435345	37	0.68	350	0.059	0	2.94	0.074	0.07	0.05	0.02	3.4	0.05	0.025	7	0.25	0.1
1435346	149	1.37	257	0.102	0	1.64	0.023	0.1	0.05	0.005	2.5	0.05	0.025	5	0.25	0.1
1435347	71	0.72	362	0.06	2	1.83	0.017	0.05	0.1	0.03	5.5	0.05	0.025	5	0.25	0.1
1435348	57	0.75	326	0.065	1	1.95	0.021	0.05	0.1	0.02	4.8	0.05	0.025	5	0.25	0.1
1435349	350	1.92	554	0.168	0	2.36	0.022	0.31	0.1	0.01	4.3	0.4	0.025	7	0.25	0.1
1435350	347	1.93	536	0.171	0	2.06	0.012	0.37	0.05	0.01	3	0.3	0.025	6	0.25	0.1
1435351	37	0.72	231	0.052	0	1.6	0.013	0.03	0.05	0.01	4.5	0.05	0.025	4	0.25	0.1
1435352	38	0.67	299	0.055	0	2.8	0.026	0.02	0.05	0.02	4.3	0.05	0.025	5	0.25	0.1
1435353	25	0.45	220	0.036	0	1.8	0.008	0.03	0.1	0.01	2.7	0.05	0.025	4	0.25	0.1
1435354	31	0.57	261	0.039	0	2.17	0.01	0.03	0.1	0.02	3	0.05	0.025	5	0.25	0.1
1435355	32	0.57	255	0.04	0	1.82	0.015	0.03	0.1	0.03	5	0.05	0.025	5	0.25	0.1
1435356	31	0.75	235	0.034	0	1.98	0.018	0.02	0.05	0.01	4.2	0.05	0.025	5	0.25	0.1
1435357	42	0.8	277	0.029	0	2.48	0.022	0.03	0.05	0.005	3.7	0.05	0.025	6	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1435358	BHC	Ross Reed RR02	10/20/2016 0:00	07N	611445	7038429	-138.7644784	63.45677749		981
1435359	BHC	Ross Reed RR02	10/20/2016 0:00	07N	611420	7038430	-138.7649787	63.45679429		970
1435360	BHC	Ross Reed RR02	10/20/2016 0:00	07N	611395	7038429	-138.7654804	63.45679314		940
1435361	BHC	Ross Reed RR02	10/20/2016 0:00	07N	611368	7038430	-138.7660208	63.45681056		969
1435362	BHC	Ross Reed RR02	10/20/2016 0:00	07N	611345	7038430	-138.7664818	63.45681776		966
1435363	BHC	Ross Reed RR02	10/20/2016 0:00	07N	611320	7038431	-138.7669821	63.45683455		926
1435364	BHC	Ross Reed RR02	10/20/2016 0:00	07N	611295	7038429	-138.7674845	63.45682443		936
1435365	BHC	Ross Reed RR02	10/20/2016 0:00	07N	611269	7038430	-138.7680049	63.45684153		943
1435366	BHC	Ross Reed RR02	10/20/2016 0:00	07N	611244	7038430	-138.7685059	63.45684935		920
1435367	BHC	Ross Reed RR02	10/20/2016 0:00	07N	611219	7038430	-138.769007	63.45685716		932
1435368	BHC	Ross Reed RR02	10/20/2016 0:00	07N	611194	7038430	-138.769508	63.45686498		919
1435369	BHC	Ross Reed RR02	10/20/2016 0:00	07N	611169	7038430	-138.770009	63.45687279		938
1435370	BHC	Ross Reed RR02	10/20/2016 0:00	07N	611143	7038430	-138.7705301	63.45688091		893
1435371	BHC	Ross Reed RR02	10/20/2016 0:00	07N	611119	7038430	-138.7710111	63.4568884		894
1435372	BHC	Ross Reed RR02	10/20/2016 0:00	07N	611095	7038430	-138.7714921	63.4568959		882
1435373	BHC	Ross Reed RR02	10/20/2016 0:00	07N	611044	7038430	-138.7725142	63.45691182		880
1435374	BHC	Ross Reed RR02	10/20/2016 0:00	07N	611069	7038430	-138.7720132	63.45690401		877
1435375	BHC	Ross Reed RR02	10/20/2016 0:00	07N	611069	7038430	-138.7720132	63.45690401	1435374	882
1435376	BHC	Ross Reed RR02	10/20/2016 0:00	07N	611019	7038430	-138.7730152	63.45691962		855
1435377	BHC	Ross Reed RR02	10/20/2016 0:00	07N	610994	7038430	-138.7735162	63.45692742		851
1435378	BHC	Ross Reed RR02	10/20/2016 0:00	07N	610969	7038432	-138.7740159	63.45695315		842
1435378	BHC	Ross Reed RR02	10/20/2016 0:00	07N	610969	7038432	-138.7740159	63.45695315		842
1435379	BHC	Ross Reed RR02	10/20/2016 0:00	07N	610944	7038430	-138.7745183	63.45694301		822
1435380	BHC	Ross Reed RR02	10/20/2016 0:00	07N	610918	7038429	-138.7750401	63.45694215		830
1435381	BHC	Ross Reed RR02	10/20/2016 0:00	07N	610893	7038429	-138.7755411	63.45694994		819
1435382	BHC	Ross Reed RR02	10/20/2016 0:00	07N	610869	7038430	-138.7760214	63.45696638		812
1435383	BHC	Ross Reed RR02	10/20/2016 0:00	07N	610843	7038430	-138.7765425	63.45697448		800
1435384	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611246	7037829	-138.7688856	63.45145902		928
1435385	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611271	7037828	-138.7683854	63.45144223		936
1435386	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611296	7037830	-138.7678831	63.45145235		948
1435387	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611320	7037830	-138.7674022	63.45144485		942
1435388	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611346	7037828	-138.7668826	63.45141878		933
1435389	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611371	7037830	-138.7663803	63.45142889		941

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1435358	Auger	50	C	Subtle Slope	Greyish Green	Birch Forest	Burnt Moss	Damp	Good	Silt
1435359	Auger	40	B	Subtle Slope	Light Brown	Birch Forest	Leaf Cover	Damp	Good	Silt
1435360	Auger	50	C	Subtle Slope	Chocolate Brown	Birch Forest	Leaf Cover	Damp	Good	Silt
1435361	Auger	20	B	Subtle Slope	Chocolate Brown	No Tree Cover	Burnt Moss	Damp	Poor	Silt
1435362	Auger	60	B	Pronounced Slope	Chocolate Brown	Birch Forest	Burnt Moss	Damp	Good	Silt
1435363	Auger	40	B	Subtle Slope	Chocolate Brown	Birch Forest	Leaf Cover	Damp	Good	Silt
1435364	Auger	40	B	Subtle Slope	Chocolate Brown	Birch Forest	Leaf Cover	Damp	Good	Silt
1435365	Auger	40	B	Subtle Slope	Reddish Yellow	Birch Forest	Burnt Moss	Damp	Good	Silt
1435366	Auger	40	B	Pronounced Slope	Chocolate Brown	Birch Forest	Burnt Moss	Damp	Good	Silt
1435367	Auger	50	B	Subtle Slope	Chocolate Brown	Birch Forest	Leaf Cover	Damp	Good	Silt
1435368	Auger	40	B	Subtle Slope	Chocolate Brown	Birch Forest	Leaf Cover	Damp	Good	Silt
1435369	Auger	40	B	Subtle Slope	Chocolate Brown	Birch Forest	Burnt Moss	Damp	Good	Silt
1435370	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1435371	Auger	30	B	Subtle Slope	Light Brown	Birch Forest	Leaf Cover	Damp	Good	Silt
1435372	Auger	50	C	Subtle Slope	Chocolate Brown	Birch Forest	Burnt Moss	Damp	Good	Silt
1435373	Auger	40	B	Pronounced Slope	Chocolate Brown	Birch Forest	Grass Cover	Damp	Good	Silt
1435374	Auger	50	B	Pronounced Slope	Reddish Yellow	Birch Forest	Leaf Cover	Damp	Good	Silt
1435375	Auger	50	B	Pronounced Slope	Reddish Yellow	Birch Forest	Leaf Cover	Damp	Good	Silt
1435376	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435377	Auger	40	B	Pronounced Slope	Reddish Yellow	Old Burn	Burnt Moss	Damp	Good	Silt
1435378	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435378	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435379	Auger	60	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Wet	Good	Silt
1435380	Auger	40	B	Pronounced Slope	Light Brown	Birch Forest	Burnt Moss	Damp	Good	Silt
1435381	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435382	Auger	50	C	Pronounced Slope	Light Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435383	Auger	80	C	Subtle Slope	Greyish Green	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435384	Auger	80	C	Subtle Slope	Dark Olivine Green	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435385	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1435386	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1435387	Auger	60	B	Pronounced Slope	Reddish Yellow	Old Burn	Burnt Moss	Damp	Good	Silt
1435388	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Wet	Good	Silt
1435389	Auger	100	C	Subtle Slope	Greyish Green	Old Burn	Burnt Moss	Damp	Excellent	Sand



sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1435358	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	27.2
1435359	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	21.6
1435360	Coarse	Top Layer		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	29.8
1435361	Partially Frozen	Small Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	21.9
1435362	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	28.7
1435363	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	23.6
1435364	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	1.2	22.4
1435365	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.9	23.3
1435366				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	21.5
1435367				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	22.5
1435368				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	22.8
1435369				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	23.5
1435370	Top Layer			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	32.3
1435371	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	19.5
1435372				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.9	21.1
1435373				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.9	23.6
1435374	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	21.2
1435375	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	22.2
1435376				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	24
1435377				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.9	17.8
1435378				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	30.6
1435378				REP	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.9	31.5
1435379				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.9	36.5
1435380				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	23.3
1435381				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	28.9
1435382				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	27.5
1435383	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.2	47.4
1435384	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.1	46.4
1435385	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	33.3
1435386				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	18.1
1435387				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	1	48.8
1435388				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	21.6
1435389	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	76.3

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1435358	5.5	34	0.05	30.7	11.7	242	1.99	9.7	0.6	19.9	2.7	89	0.05	0.3	0.1	47	0.58	0.068	8
1435359	7.7	43	0.05	21.6	10	235	2.12	7.2	0.7	3.9	2.8	45	0.05	0.6	0.1	51	0.34	0.035	11
1435360	9.1	39	0.05	39.8	11.8	173	2.09	12.8	0.5	3	3.2	65	0.05	0.5	0.05	45	0.49	0.031	9
1435361	6.8	45	0.1	27.8	12.4	376	1.91	10.5	0.5	5.6	2.3	50	0.05	0.5	0.1	44	0.39	0.055	11
1435362	7.7	44	0.05	27.2	8.9	244	2.29	11.1	1.1	4.2	3.6	57	0.05	0.7	0.1	48	0.5	0.03	12
1435363	8.2	42	0.05	22.2	8.9	238	2.29	8.9	0.9	3.1	3.4	47	0.05	0.4	0.2	49	0.4	0.021	11
1435364	6.7	36	0.05	31.9	11.8	220	2.51	21.3	0.3	1.6	1.5	22	0.05	0.5	0.1	58	0.2	0.048	7
1435365	8.2	45	0.05	24.3	11.9	241	2.62	14.7	0.4	2.2	3.4	35	0.05	0.7	0.1	64	0.26	0.026	9
1435366	8.3	42	0.05	21.4	10.1	156	2.15	11.5	0.5	5	3	33	0.05	0.6	0.1	48	0.26	0.016	10
1435367	7.4	36	0.05	22	11.4	182	2.41	28.6	0.3	2.4	2.2	48	0.05	0.5	0.1	56	0.36	0.025	8
1435368	8.4	49	0.05	20.1	10.5	375	2.2	12.8	0.6	10.8	2.4	40	0.05	0.5	0.1	49	0.32	0.032	11
1435369	8	45	0.05	23.8	12.6	236	2.43	22.8	0.4	5	2.7	38	0.05	0.6	0.1	53	0.31	0.026	9
1435370	6.9	35	0.05	26	15.9	233	2.14	34.9	0.6	3.8	2.7	86	0.05	0.4	0.05	49	0.6	0.051	11
1435371	7.9	43	0.05	22.4	9.7	187	2.21	10	0.6	7.2	3.1	30	0.05	0.4	0.1	50	0.28	0.022	13
1435372	10.7	42	0.05	21.5	11.7	290	2.31	11.5	0.8	1.6	3.6	36	0.05	0.5	0.1	52	0.37	0.021	12
1435373	8.4	44	0.05	22.2	13.6	324	2.58	21.6	0.4	2.7	3.2	29	0.05	0.7	0.1	61	0.25	0.023	9
1435374	8.4	45	0.05	21.5	9.9	230	2.43	11.4	1	3	4.1	34	0.05	0.5	0.2	53	0.32	0.019	13
1435375	9	48	0.05	22.6	10	238	2.46	11.4	0.9	2	4.1	34	0.05	0.5	0.1	52	0.32	0.019	14
1435376	8.6	51	0.05	21.9	11	463	2.47	17.7	0.6	3.1	3.4	38	0.1	0.6	0.1	55	0.41	0.027	14
1435377	8.8	47	0.05	23	13.7	473	2.59	12.8	0.4	2.8	2.6	42	0.05	0.5	0.2	63	0.34	0.032	9
1435378	8.5	42	0.05	33.7	16.3	244	2.6	14.3	0.5	3.3	3	52	0.05	0.5	0.1	62	0.47	0.033	11
1435378	8.7	43	0.05	35.1	16.5	248	2.66	14.4	0.5	4	3	54	0.05	0.6	0.1	64	0.48	0.032	11
1435379	11.5	50	0.05	32.2	15.6	414	2.69	16.5	0.7	7.3	3.3	63	0.05	0.7	0.2	62	0.57	0.038	13
1435380	7	43	0.05	21.9	11.2	207	2.28	15.1	0.6	3.1	3.5	69	0.05	0.7	0.1	47	0.57	0.037	13
1435381	8.8	48	0.05	26.1	12.2	248	2.38	17.6	0.9	4.4	4	57	0.05	0.7	0.1	50	0.51	0.052	13
1435382	9.7	50	0.05	25.1	10.3	264	2.4	11.8	0.8	3.3	4	35	0.05	0.8	0.2	49	0.34	0.029	14
1435383	4.6	23	0.05	34.4	24.6	357	2.6	14.7	0.3	6	1.4	202	0.05	0.2	0.05	52	1.65	0.1	7
1435384	1.4	12	0.05	43.4	19.2	108	1.36	8.8	0.2	0.25	1.2	14	0.05	0.1	0.05	22	0.22	0.017	3
1435385	7.6	31	0.05	34.6	15.5	161	2.33	12.4	0.3	2.3	1.7	43	0.05	0.3	0.1	45	0.32	0.017	6
1435386	8	36	0.05	33.6	12.1	198	2.29	9.5	0.4	2.6	2.4	27	0.05	0.4	0.2	49	0.24	0.018	8
1435387	11.1	53	0.05	55	22	204	2.95	19.5	1	7.3	5.2	32	0.05	0.7	0.2	54	0.24	0.014	20
1435388	9.1	40	0.1	26.9	15.7	271	2.33	11.8	0.5	2.1	3.2	31	0.05	0.4	0.2	48	0.28	0.015	10
1435389	3.6	29	0.05	59.9	31.5	224	2.7	34.3	0.7	8.2	2.6	54	0.05	0.4	0.05	40	0.41	0.017	9

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1435358	61	0.78	289	0.059	0	2.22	0.034	0.03	0.1	0.01	3.3	0.05	0.025	6	0.25	0.1
1435359	41	0.6	282	0.049	0	1.84	0.015	0.03	0.1	0.01	3.4	0.05	0.025	5	0.25	0.1
1435360	75	0.72	318	0.057	1	2.34	0.028	0.03	0.05	0.01	3.7	0.05	0.025	5	0.25	0.1
1435361	50	0.62	290	0.042	0	1.8	0.017	0.03	0.1	0.04	3.2	0.05	0.025	5	0.25	0.1
1435362	44	0.62	387	0.052	0	2.22	0.032	0.03	0.1	0.03	4.6	0.05	0.025	5	0.25	0.1
1435363	37	0.52	280	0.044	0	2.03	0.021	0.03	0.1	0.02	4.4	0.05	0.025	5	0.25	0.1
1435364	57	0.54	192	0.045	0	1.79	0.007	0.04	0.1	0.01	2.5	0.05	0.025	6	0.25	0.1
1435365	37	0.6	253	0.039	0	2.46	0.008	0.04	0.2	0.02	3.5	0.05	0.025	6	0.25	0.1
1435366	29	0.48	250	0.033	0	1.77	0.012	0.03	0.1	0.01	2.9	0.05	0.025	4	0.25	0.1
1435367	34	0.6	273	0.032	0	2.57	0.016	0.03	0.1	0.01	3	0.05	0.025	6	0.25	0.1
1435368	31	0.5	267	0.036	0	1.94	0.016	0.04	0.1	0.03	3.6	0.05	0.025	5	0.25	0.1
1435369	36	0.56	286	0.032	0	2.43	0.016	0.04	0.1	0.02	3.1	0.05	0.025	6	0.25	0.1
1435370	47	0.7	265	0.045	0	2.46	0.036	0.03	0.05	0.03	5.1	0.05	0.025	5	0.25	0.1
1435371	44	0.54	243	0.047	0	1.8	0.009	0.03	0.1	0.02	3.8	0.05	0.025	5	0.25	0.1
1435372	41	0.51	271	0.046	0	2.1	0.016	0.03	0.1	0.03	4.5	0.05	0.025	5	0.25	0.1
1435373	43	0.54	277	0.035	1	1.97	0.01	0.04	0.1	0.02	3.5	0.05	0.025	5	0.25	0.1
1435374	39	0.56	283	0.047	1	1.93	0.01	0.03	0.1	0.02	5.2	0.05	0.025	5	0.25	0.1
1435375	35	0.54	289	0.04	0	1.93	0.011	0.03	0.1	0.02	4.6	0.05	0.025	5	0.25	0.1
1435376	35	0.53	325	0.042	1	1.84	0.016	0.05	0.2	0.02	5.1	0.05	0.025	5	0.25	0.1
1435377	39	0.56	324	0.027	1	2.57	0.01	0.04	0.1	0.01	3.7	0.05	0.025	6	0.25	0.1
1435378	62	0.68	222	0.04	0	2.59	0.02	0.04	0.1	0.02	5.7	0.05	0.025	6	0.25	0.1
1435378	62	0.69	228	0.041	0	2.65	0.02	0.04	0.1	0.02	5.8	0.05	0.025	6	0.25	0.1
1435379	53	0.6	277	0.046	0	2.59	0.029	0.05	0.1	0.03	6.2	0.05	0.025	6	0.25	0.1
1435380	46	0.7	277	0.028	0	2.24	0.026	0.03	0.1	0.03	4.6	0.05	0.025	5	0.25	0.1
1435381	39	0.61	308	0.035	0	2.02	0.022	0.04	0.2	0.03	5	0.05	0.025	5	0.25	0.1
1435382	33	0.52	300	0.042	1	1.68	0.019	0.05	0.1	0.03	5	0.05	0.025	4	0.25	0.1
1435383	51	1.29	361	0.017	0	4.02	0.1	0.03	0.05	0.02	7.2	0.05	0.025	6	0.25	0.1
1435384	155	0.76	58	0.031	0	0.95	0.005	0.03	0.05	0.005	2.6	0.05	0.025	2	0.25	0.1
1435385	50	0.57	230	0.029	1	1.97	0.012	0.03	0.05	0.005	3.1	0.05	0.025	5	0.25	0.1
1435386	50	0.6	276	0.043	2	1.77	0.008	0.03	0.1	0.005	3	0.05	0.025	4	0.25	0.1
1435387	76	0.69	266	0.05	2	2.31	0.01	0.04	0.1	0.04	8.1	0.05	0.025	5	0.25	0.1
1435388	44	0.53	277	0.038	2	1.84	0.007	0.04	0.1	0.005	3.8	0.05	0.025	5	0.25	0.1
1435389	108	1.05	187	0.034	0	1.93	0.017	0.02	0.05	0.02	4.8	0.05	0.025	5	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1435390	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611395	7037829	-138.7659001	63.45141242		947
1435391	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611421	7037830	-138.7653784	63.45141324		985
1435392	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611446	7037828	-138.7648789	63.45138748		943
1435393	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611470	7037829	-138.7643973	63.45138893		925
1435394	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611496	7037828	-138.763877	63.45137182		950
1435395	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611521	7037829	-138.7633754	63.45137296		941
1435396	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611547	7037828	-138.7628551	63.45135584		956
1435397	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611571	7037828	-138.7623742	63.45134832		948
1435398	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611596	7037828	-138.7618733	63.45134048		947
1435399	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611621	7037830	-138.7613709	63.45135058		977
1435400	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611621	7037830	-138.7613709	63.45135058	1435399	944
1435401	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611647	7037829	-138.7608507	63.45133346		954
1435402	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611671	7037829	-138.7603698	63.45132593		951
1435403	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611696	7037830	-138.7598681	63.45132705		939
1435404	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611721	7037828	-138.7593686	63.45130127		932
1435405	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611746	7037830	-138.7588663	63.45131136		913
1435406	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611772	7037828	-138.7583467	63.45128526		909
1435407	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611796	7037829	-138.7578651	63.45128669		910
1435408	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611822	7037829	-138.7573442	63.45127852		896
1435409	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611847	7037829	-138.7568432	63.45127067		910
1435410	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611872	7037828	-138.756343	63.45125384		882
1435411	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611896	7037829	-138.7558614	63.45125527		897
1435412	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611923	7037828	-138.7553211	63.45123781		880
1435413	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611947	7037829	-138.7548395	63.45123923		872
1435414	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611971	7037828	-138.7543593	63.45122271		879
1435415	BHC	Ross Reed RR02	10/21/2016 0:00	07N	611996	7037829	-138.7538577	63.45122382		890
1435416	BHC	Ross Reed RR02	10/21/2016 0:00	07N	612023	7037828	-138.7533174	63.45120635		894
1435417	BHC	Ross Reed RR02	10/23/2016 0:00	07N	617943	7038236	-138.6344049	63.45295258		1155
1435418	BHC	Ross Reed RR02	10/23/2016 0:00	07N	617968	7038237	-138.6339032	63.45295327		1203
1435419	BHC	Ross Reed RR02	10/23/2016 0:00	07N	617994	7038236	-138.633383	63.45293568		1195
1435420	BHC	Ross Reed RR02	10/23/2016 0:00	07N	618018	7038235	-138.6329029	63.45291875		1173
1435421	BHC	Ross Reed RR02	10/23/2016 0:00	07N	618044	7038235	-138.6323819	63.45291013		1182
1435422	BHC	Ross Reed RR02	10/23/2016 0:00	07N	618069	7038236	-138.6318803	63.45291081		1173

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1435390	Auger	70	C	Pronounced Slope	Greyish Green	Old Burn	Leaf Cover	Damp	Good	Silt
1435391	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Wet	Good	Silt
1435392	Auger	40	C	Subtle Slope	Greyish Green	Old Burn	Grass Cover	Damp	Excellent	Sand
1435393	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1435394	Auger	30	C	Pronounced Slope	Greyish Green	Old Burn	Burnt Moss	Damp	Good	Sand
1435395	Auger	100	C	Subtle Slope	Reddish Brown	Old Burn	Leaf Cover	Damp	Excellent	Sand
1435396	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Wet	Good	Silt
1435397	Auger	80	C	Pronounced Slope	Greyish Green	Old Burn	Grass Cover	Damp	Excellent	Sand
1435398	Auger	40	B	Pronounced Slope	Reddish Brown	Old Burn	Grass Cover	Damp	Good	Silt
1435399	Auger	50	C	Subtle Slope	Reddish Yellow	Old Burn	Grass Cover	Damp	Good	Silt
1435400	Auger	50	C	Subtle Slope	Reddish Yellow	Old Burn	Grass Cover	Damp	Good	Silt
1435401	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Wet	Good	Silt
1435402	Auger	60	C	Flat	Dark Olivine Green	Old Burn	Leaf Cover	Damp	Excellent	Sand
1435403	Auger	50	C	Subtle Slope	Greyish Green	Old Burn	Grass Cover	Damp	Good	Silt
1435404	Auger	40	C	Pronounced Slope	Reddish Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435405	Auger	80	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Wet	Good	Silt
1435406	Auger	60	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1435407	Auger	50	C	Pronounced Slope	Greyish Green	Old Burn	Grass Cover	Damp	Excellent	Sand
1435408	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Sand
1435409	Auger	100	C	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Excellent	Sand
1435410	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1435411	Auger	60	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1435412	Auger	100	C	Pronounced Slope	Greyish Green	Old Burn	Leaf Cover	Damp	Excellent	Sand
1435413	Auger	50	C	Subtle Slope	Greyish Green	Old Burn	Grass Cover	Damp	Good	Sand
1435414	Auger	50	C	Subtle Slope	Dark Brown	Alders	Leaf Cover	Damp	Good	Silt
1435415	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Wet	Good	Silt
1435416	Auger	60	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Wet	Good	Silt
1435417	Auger	70	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Excellent	Sand
1435418	Auger	60	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1435419	Auger	70	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1435420	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Sand
1435421	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Sand
1435422	Auger	60	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1435390	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	70.4
1435391				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	34.2
1435392	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	74.1
1435393	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	29.1
1435394	Bright Orange Rust			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	59.3
1435395	Bright Orange Rus	Dull Red Rust		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	225.5
1435396				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	46.5
1435397	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.05	71.5
1435398	Bright Orange Rus	Dull Red Rust		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	1.2	51.2
1435399	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	60.1
1435400	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	37.5
1435401	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	36.1
1435402	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	96.3
1435403	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.2	37.9
1435404	Coarse	Small Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	26.6
1435405				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	1.1	67.4
1435406				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	58.1
1435407	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.2	68.4
1435408	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	40.8
1435409	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	53.7
1435410	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	28.7
1435411	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	33.9
1435412	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.1	30.8
1435413	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	47
1435414	Coarse			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	33.1
1435415	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	40.4
1435416				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	28.4
1435417	Fine			SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	2.4	27.9
1435418				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.8	18.4
1435419	Coarse			SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.4	28.9
1435420	Fine			SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.7	17.6
1435421	Fine			SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	2.2	8.7
1435422	Fine	Top Layer		SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.6	11

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1435390	8.9	43	0.2	66.6	29	470	2.96	24.9	0.5	8.2	3.8	53	0.05	0.6	0.1	57	0.57	0.022	14
1435391	12.7	50	0.1	40.6	18.2	314	2.84	13.1	0.9	3	4.4	28	0.05	0.6	0.2	58	0.36	0.028	14
1435392	5.5	31	0.1	61.1	27.4	176	2.5	25.1	0.4	0.7	2.4	94	0.05	0.2	0.05	56	0.39	0.028	7
1435393	8.1	46	0.1	49.1	24.5	302	2.6	11.8	0.4	0.25	2.5	23	0.05	0.5	0.1	56	0.26	0.025	10
1435394	7.1	31	0.2	153.2	34.4	190	2.37	13.7	0.3	1.4	2.1	61	0.05	0.3	0.05	46	0.33	0.027	5
1435395	6.1	51	0.2	142.9	61	279	4.91	23.8	0.6	16.2	1.6	70	0.05	0.3	0.1	82	0.59	0.018	7
1435396	9.8	38	0.1	97.3	24	251	2.65	9.5	0.6	1.2	3.4	41	0.05	0.4	0.1	44	0.33	0.019	12
1435397	8.4	19	0.05	173.8	24.6	102	1.38	5.1	0.6	8.7	2.3	170	0.05	0.05	0.05	38	1.42	0.197	8
1435398	10.3	88	0.1	50.5	14.1	256	2.92	14.6	0.7	0.8	4.3	22	0.2	0.7	0.2	65	0.19	0.025	14
1435399	6.9	37	0.05	44.9	18.5	271	2.37	10.2	0.9	1.7	3.2	44	0.05	0.5	0.05	57	0.33	0.018	22
1435400	10	43	0.05	33.3	15	290	2.48	11.1	0.7	1.3	3.6	33	0.05	0.5	0.1	55	0.28	0.023	14
1435401	7.2	27	0.05	31.6	24.4	131	2.09	6.1	0.4	1.9	1.9	87	0.05	0.2	0.05	55	0.58	0.109	9
1435402	7.2	31	0.1	69.5	34.3	101	2.4	10.1	1.2	14.1	3.9	247	0.05	0.2	0.05	115	1.58	0.14	21
1435403	6.5	42	0.1	24.4	22.3	173	2.05	8.7	1.1	3.6	2.1	134	0.05	0.1	0.05	89	0.94	0.108	14
1435404	7.9	36	0.1	31	20.1	165	2.28	13.7	0.7	0.7	3.2	90	0.05	0.4	0.05	53	0.76	0.071	8
1435405	13.5	55	0.1	80.4	25.9	306	3.08	21.8	0.7	15.6	4.1	77	0.05	0.6	0.1	65	0.67	0.045	16
1435406	7.1	38	0.05	64.5	20.5	183	2.78	22.7	0.8	17.2	2.5	71	0.05	0.4	0.05	94	0.63	0.149	8
1435407	3.5	80	0.2	261.3	44.1	306	2.12	22.6	0.6	6.6	4	27	0.8	0.5	0.1	38	0.53	0.043	12
1435408	9.2	33	0.05	47.2	23.8	282	2.65	7.1	0.8	5.8	4.9	132	0.05	0.2	0.05	81	0.9	0.048	13
1435409	7.5	49	0.1	37.7	31.9	203	3.35	8.4	1.1	8.6	3.7	216	0.05	0.3	0.05	288	2.3	0.288	12
1435410	8.7	38	0.05	22.8	19.2	241	2.75	8	1.2	1.6	10	127	0.05	0.2	0.05	81	0.91	0.048	30
1435411	8.7	43	0.05	27.5	16	215	2.56	8.5	0.6	1.6	4.6	73	0.05	0.4	0.05	74	0.57	0.038	14
1435412	9.7	28	0.05	34.3	25.3	216	2.26	5	0.5	0.25	4.1	185	0.05	0.1	0.05	48	1.94	0.036	9
1435413	6	39	0.05	50.7	18.2	203	2.25	10.6	0.6	2	3.8	62	0.05	0.4	0.05	48	0.65	0.059	10
1435414	6.5	37	0.1	33.7	16.6	333	1.93	8.3	0.8	2.7	1.8	83	0.2	0.3	0.05	53	0.89	0.082	10
1435415	12.8	41	0.1	28.6	12.9	381	2.4	10.4	1.6	2.4	3.3	53	0.1	0.4	0.2	61	0.63	0.043	14
1435416	12.2	48	0.05	29.5	11	335	2.46	13.7	0.8	3.8	3.9	43	0.05	0.5	0.1	49	0.49	0.05	12
1435417	16.6	68	0.1	22	9.9	373	2.84	9.1	2.2	5.6	15.6	13	0.05	0.6	0.2	50	0.13	0.027	51
1435418	16.4	48	0.05	15.1	7	227	2.88	9.3	1.4	2.4	2.4	11	0.1	0.5	0.3	57	0.12	0.055	26
1435419	13.3	67	0.05	25.7	11.1	313	2.85	11.6	1.2	1.9	11.9	13	0.2	0.6	0.2	50	0.13	0.027	21
1435420	13.6	52	0.05	17.4	8.8	293	3.05	10.9	1.3	2.1	6.1	12	0.1	0.6	0.3	62	0.12	0.045	22
1435421	11.3	47	0.05	8.2	6	284	3.03	7.8	1.1	0.7	8.4	11	0.05	0.4	0.2	81	0.13	0.047	15
1435422	12.9	44	0.05	8.5	5.3	275	2.31	6.2	1.1	0.8	7.6	7	0.1	0.3	0.3	51	0.09	0.041	15

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1435390	72	1.07	224	0.053	2	1.95	0.023	0.04	0.1	0.04	6.9	0.05	0.025	5	0.25	0.1
1435391	49	0.6	359	0.055	2	2.01	0.01	0.05	0.2	0.02	5.4	0.05	0.025	5	0.25	0.1
1435392	61	0.88	403	0.064	1	3.32	0.026	0.03	0.05	0.01	2.8	0.05	0.025	7	0.25	0.1
1435393	49	0.55	287	0.039	2	2.05	0.007	0.05	0.1	0.02	4.5	0.05	0.025	5	0.25	0.1
1435394	71	0.81	643	0.057	2	4.66	0.023	0.03	0.05	0.02	3.1	0.05	0.025	8	0.25	0.1
1435395	126	1.22	372	0.039	0	4.01	0.03	0.02	0.05	0.04	6.8	0.05	0.025	10	0.25	0.1
1435396	87	1.1	344	0.046	1	2.11	0.018	0.04	0.1	0.03	4.6	0.05	0.025	5	0.25	0.1
1435397	20	0.81	627	0.078	0	3.77	0.172	0.09	0.05	0.02	2.7	0.05	0.025	6	0.25	0.1
1435398	52	0.63	204	0.048	1	2.25	0.009	0.05	0.2	0.03	5.6	0.05	0.025	6	0.25	0.1
1435399	51	0.74	336	0.046	0	2.45	0.011	0.03	0.05	0.02	7.5	0.05	0.025	5	0.25	0.1
1435400	44	0.64	310	0.047	0	2.09	0.009	0.04	0.1	0.03	6	0.05	0.025	5	0.25	0.1
1435401	23	0.66	316	0.037	0	3.73	0.023	0.02	0.05	0.02	3.2	0.05	0.025	7	0.25	0.1
1435402	65	0.93	714	0.091	0	8.23	0.174	0.03	0.05	0.02	7	0.05	0.025	15	0.5	0.1
1435403	31	0.98	343	0.076	0	5.08	0.053	0.02	0.05	0.02	3.2	0.05	0.025	9	0.25	0.1
1435404	29	0.67	353	0.067	3	6.23	0.054	0.05	0.1	0.04	3.9	0.05	0.025	10	0.25	0.1
1435405	70	0.91	389	0.066	1	3.28	0.056	0.04	1.3	0.04	5.4	0.05	0.025	7	0.25	0.1
1435406	55	0.92	654	0.044	0	3.23	0.021	0.02	0.05	0.005	4	0.05	0.025	7	0.25	0.1
1435407	262	2.04	193	0.061	0	1.71	0.009	0.01	0.05	0.03	3	0.05	0.025	4	0.25	0.1
1435408	62	1.52	577	0.047	0	4.26	0.063	0.02	0.05	0.01	4.7	0.05	0.025	8	0.25	0.1
1435409	79	1.56	608	0.189	0	5.72	0.163	0.11	0.05	0.03	4.5	0.2	0.025	12	0.25	0.1
1435410	53	1.33	339	0.178	0	4.39	0.086	0.08	0.05	0.02	6.2	0.05	0.025	10	0.25	0.1
1435411	46	0.87	311	0.094	1	2.66	0.031	0.03	0.1	0.01	4.7	0.05	0.025	6	0.25	0.1
1435412	71	1.57	877	0.124	0	5.53	0.223	0.03	0.1	0.005	3.1	0.05	0.025	10	0.25	0.1
1435413	72	0.9	342	0.076	1	2.23	0.051	0.04	0.2	0.02	3.8	0.05	0.025	5	0.25	0.1
1435414	55	0.69	324	0.053	1	2.34	0.036	0.03	0.05	0.02	3.6	0.05	0.025	5	0.25	0.1
1435415	43	0.5	323	0.052	0	2.16	0.018	0.04	0.1	0.03	5.8	0.05	0.025	5	0.25	0.1
1435416	33	0.58	317	0.051	2	1.84	0.02	0.05	0.2	0.02	4.1	0.05	0.025	4	0.25	0.1
1435417	33	0.65	211	0.078	0	1.71	0.007	0.12	0.2	0.08	5.7	0.2	0.025	6	0.25	0.1
1435418	29	0.46	168	0.046	0	1.7	0.006	0.08	0.2	0.05	3.1	0.2	0.025	7	0.25	0.1
1435419	30	0.61	211	0.075	1	1.81	0.007	0.11	0.2	0.04	4.5	0.2	0.025	6	0.25	0.1
1435420	33	0.46	198	0.057	1	2.06	0.007	0.07	0.2	0.03	3.9	0.2	0.025	6	0.25	0.1
1435421	25	0.63	166	0.173	0	1.54	0.006	0.27	0.2	0.02	4.3	0.2	0.025	11	0.25	0.1
1435422	17	0.62	115	0.117	0	1.35	0.005	0.25	0.1	0.02	3.4	0.3	0.025	9	0.25	0.1



sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1435423	BHC	Ross Reed RR02	10/23/2016 0:00	07N	618093	7038236	-138.6313994	63.45290284		1171
1435424	BHC	Ross Reed RR02	10/23/2016 0:00	07N	618193	7038236	-138.6293957	63.45286965		1167
1435425	BHC	Ross Reed RR02	10/23/2016 0:00	07N	618193	7038236	-138.6293957	63.45286965	1435424	1157
1435426	BHC	Ross Reed RR02	10/23/2016 0:00	07N	618119	7038236	-138.6308784	63.45289422		1166
1435427	BHC	Ross Reed RR02	10/23/2016 0:00	07N	618144	7038236	-138.6303775	63.45288592		1158
1435428	BHC	Ross Reed RR02	10/23/2016 0:00	07N	618169	7038236	-138.6298766	63.45287762		1148
1435429	BHC	Ross Reed RR02	10/23/2016 0:00	07N	618218	7038236	-138.6288948	63.45286135		1138
1435430	BHC	Ross Reed RR02	10/23/2016 0:00	07N	618244	7038236	-138.6283739	63.45285271		1151
1435431	BHC	Ross Reed RR02	10/23/2016 0:00	07N	618269	7038235	-138.6278737	63.45283544		1145
1435432	BHC	Ross Reed RR02	10/23/2016 0:00	07N	618294	7038235	-138.6273728	63.45282713		1148
1435433	BHC	Ross Reed RR02	10/23/2016 0:00	07N	618318	7038236	-138.6268912	63.45282812		1138
1435434	BHC	Ross Reed RR02	10/23/2016 0:00	07N	618334	7038235	-138.6265713	63.45281383		1117
1435435	BHC	Ross Reed RR02	10/23/2016 0:00	07N	618369	7038235	-138.6258701	63.45280219		1109
1435435	BHC	Ross Reed RR02	10/23/2016 0:00	07N	618369	7038235	-138.6258701	63.45280219		1109
1435436	BHC	Ross Reed RR02	10/23/2016 0:00	07N	618394	7038236	-138.6253684	63.45280285		1115
1435437	BHC	Ross Reed RR02	10/23/2016 0:00	07N	618420	7038235	-138.6248482	63.45278523		1093
1435438	BHC	Ross Reed RR02	10/23/2016 0:00	07N	618444	7038235	-138.6243674	63.45277724		1089
1435439	BHC	Ross Reed RR02	10/23/2016 0:00	07N	618469	7038235	-138.6238664	63.45276892		1089
1435440	BHC	Ross Reed RR02	10/23/2016 0:00	07N	618622	7038236	-138.6208001	63.45272693		1063
1435441	BHC	Ross Reed RR02	10/23/2016 0:00	07N	618645	7038235	-138.6203401	63.45271103		1011
1435442	BHC	Ross Reed RR02	10/23/2016 0:00	07N	618671	7038236	-138.6198184	63.45271059		1018
1435443	BHC	Ross Reed RR02	10/23/2016 0:00	07N	618745	7038236	-138.6183357	63.45268591		969
1435444	BHC	Ross Reed RR02	10/24/2016 0:00	07N	611122	7040748	-138.769332	63.47767504		980
1435445	BHC	Ross Reed RR02	10/24/2016 0:00	07N	611096	7040748	-138.7698534	63.47768317		1005
1435446	BHC	Ross Reed RR02	10/24/2016 0:00	07N	611071	7040748	-138.7703548	63.47769098		1001
1435447	BHC	Ross Reed RR02	10/24/2016 0:00	07N	611046	7040748	-138.7708562	63.47769879		992
1435448	BHC	Ross Reed RR02	10/24/2016 0:00	07N	611019	7040747	-138.7713984	63.47769825		992
1435449	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610871	7040748	-138.774366	63.47775341		987
1435450	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610871	7040748	-138.774366	63.47775341	1435449	1004
1435451	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610995	7040749	-138.7718784	63.47772368		1004
1435452	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610971	7040748	-138.7723604	63.47772221		1005
1435453	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610945	7040748	-138.7728819	63.47773032		1002
1435454	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610921	7040747	-138.7733639	63.47772884		975

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1435423	Auger	50	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1435424	Auger	50	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Poor	Silt
1435425	Auger	50	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1435426	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Sand
1435427	Auger	60	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Sand
1435428	Auger	60	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1435429	Auger	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1435430	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1435431	Auger	80	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1435432	Auger	60	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1435433	Auger	50	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1435434	Auger	80	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1435435	Auger	60	B	Subtle Slope	Reddish Yellow	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1435435	Auger	60	B	Subtle Slope	Reddish Yellow	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1435436	Auger	60	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1435437	Auger	50	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Poor	Silt
1435438	Auger	80	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1435439	Auger	50	B	Steep	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1435440	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Rock Cover	Damp	Poor	Silt
1435441	Mattock	30	B	Subtle Slope	Chocolate Brown	No Tree Cover	Rock Cover	Wet	Poor	Silt
1435442	Mattock	60	B	Pronounced Slope	Chocolate Brown	No Tree Cover	Rock Cover	Wet	Poor	Silt
1435443	Mattock	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Wet	Poor	Silt
1435444	Auger	50	B	Subtle Slope	Chocolate Brown	Birch Forest	Burnt Moss	Damp	Good	Silt
1435445	Auger	20	C	Subtle Slope	Chocolate Brown	Birch Forest	Burnt Moss	Damp	Good	Silt
1435446	Auger	60	C	Subtle Slope	Reddish Yellow	Old Burn	Burnt Moss	Damp	Good	Silt
1435447	Auger	30	C	Subtle Slope	Reddish Yellow	Birch Forest	Burnt Moss	Damp	Good	Sand
1435448	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435449	Auger	90	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1435450	Auger	90	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1435451	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435452	Auger	40	C	Subtle Slope	Reddish Yellow	Old Burn	Burnt Moss	Damp	Good	Silt
1435453	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Silt
1435454	Auger	100	C	Subtle Slope	Reddish Brown	Old Burn	Burnt Moss	Damp	Excellent	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1435423	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	2.9	10
1435424	Fine	Small Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	2.3	25.5
1435425	Fine	Small Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.9	16.3
1435426	Coarse	Partially Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.9	10.4
1435427	Top Layer			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.3	8.4
1435428	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.2	21.4
1435429				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.3	22.6
1435430	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.5	20.3
1435431	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.3	21.2
1435432	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.4	27.8
1435433				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.3	24.6
1435434	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.7	21.1
1435435	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1	21.6
1435435	Coarse			REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.1	22.4
1435436				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.2	20.1
1435437	Organic 10%			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.5	14.4
1435438	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.4	15.4
1435439				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.4	13.5
1435440	Organic 10%	Rocky Terrain		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.3	14.1
1435441	Frozen	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.1	8.3
1435442	Frozen	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.8	8.9
1435443	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	2.8	10
1435444				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1.1	12.7
1435445	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.9	12
1435446	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	2.7	22.4
1435447	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1	8.7
1435448	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1.1	9.9
1435449	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.2	27.4
1435450	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.3	30.5
1435451	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.8	20.3
1435452	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1.7	13
1435453	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.9	14.1
1435454	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.6	33.8

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1435423	13.6	47	0.05	14	7.7	313	2.64	7.2	1	1.8	9.3	11	0.1	0.4	0.2	52	0.12	0.032	19
1435424	20.1	64	0.1	18.4	8.5	371	3.8	12.1	1.9	1.4	7.9	13	0.2	0.6	0.3	73	0.12	0.094	38
1435425	15.3	62	0.05	18.2	8.4	324	3.37	12.1	1.1	0.25	9.7	12	0.1	0.6	0.3	63	0.12	0.041	22
1435426	12.9	29	0.05	5.9	2.8	134	1.39	3.9	1.1	0.25	5	7	0.1	0.3	0.3	34	0.06	0.03	19
1435427	15.5	39	0.05	9.8	5.5	246	2.68	7.7	0.8	0.7	6.8	9	0.05	0.3	0.3	61	0.11	0.043	15
1435428	12.4	60	0.05	22.6	10.6	342	2.86	12	1.2	2.2	11.6	14	0.2	0.7	0.2	51	0.15	0.04	26
1435429	11.2	57	0.05	18.8	10.2	378	2.66	7.8	2.1	2.9	14.2	12	0.05	0.5	0.2	47	0.14	0.033	53
1435430	13.9	66	0.05	20.2	9.8	404	3	9.9	1.6	2.6	7.9	14	0.2	0.6	0.3	55	0.16	0.06	28
1435431	12.2	60	0.05	23.1	12.1	399	2.82	11.9	1.2	1.8	11.7	12	0.1	0.6	0.2	51	0.13	0.037	18
1435432	13.5	65	0.05	23.9	10.6	366	2.87	10.8	2.2	2.7	12.4	15	0.05	0.8	0.2	52	0.17	0.043	33
1435433	12.7	61	0.05	21.3	9.2	335	2.71	9.8	2	5.1	5.5	15	0.05	0.7	0.2	51	0.18	0.055	27
1435434	13.7	63	0.05	20	8.6	300	2.87	10.4	1.7	3.1	9.6	14	0.1	0.6	0.2	55	0.16	0.047	22
1435435	11.2	56	0.05	19.6	9.6	392	2.52	9.2	1.8	6.6	12.6	12	0.05	0.7	0.2	47	0.13	0.03	30
1435435	11.5	59	0.05	20.2	9.8	396	2.55	9.4	1.8	2.5	13.2	12	0.05	0.7	0.2	46	0.13	0.029	31
1435436	11.8	54	0.05	18.6	8.1	276	2.7	10.2	1.7	6.4	9.9	11	0.05	0.7	0.3	50	0.12	0.029	23
1435437	12.2	52	0.05	14.7	6.3	259	2.43	8.6	1.3	3.4	4.9	10	0.1	0.5	0.2	50	0.1	0.047	22
1435438	14.7	50	0.2	13	6.5	279	2.49	8.6	1.5	2	5.8	12	0.1	0.5	0.3	55	0.12	0.038	21
1435439	14.6	64	0.05	16.4	9	415	2.82	7.7	2.2	1.2	12.8	12	0.1	0.5	0.2	53	0.15	0.046	32
1435440	32.3	70	0.6	9.8	5.1	355	2.27	5.6	0.7	27.9	3.4	13	0.4	0.3	0.3	47	0.12	0.041	14
1435441	13.1	58	0.05	11.5	5.2	211	2.52	7.5	1.3	0.8	7.9	7	0.2	0.4	0.2	48	0.08	0.04	15
1435442	12.8	42	0.2	9.9	4.2	164	2.84	9.1	1.1	1.8	6.4	8	0.05	0.4	0.3	63	0.07	0.036	12
1435443	14.3	55	0.2	10.2	4.6	193	2.89	8.7	1	0.25	2.1	10	0.3	0.6	0.3	58	0.07	0.056	12
1435444	34.5	41	0.2	15.1	9	427	2.5	8.6	1.8	3.4	9.8	13	0.05	0.5	0.3	51	0.14	0.026	34
1435445	15	66	0.2	15.6	9.1	1378	2.49	8.2	0.6	1.6	4.8	19	0.2	0.5	0.2	51	0.27	0.069	16
1435446	24.8	50	0.3	12.3	7.8	226	2.17	16.6	3	318.7	10.9	16	0.1	1.8	0.5	32	0.07	0.015	12
1435447	11.3	36	0.05	11.5	5.1	198	2.17	8.7	1.6	6.6	17	9	0.05	0.6	0.5	36	0.08	0.028	21
1435448	14.8	95	0.1	13.6	8.8	277	2.98	6.3	0.9	2.8	11.4	10	0.2	0.6	0.4	52	0.09	0.044	16
1435449	26	86	0.05	29.6	16.3	602	3.36	1.8	1.4	1.8	18.2	16	0.05	0.1	0.3	28	0.35	0.069	53
1435450	26.1	79	0.05	28.7	14.9	545	3.45	1.7	1.5	1.1	18.6	14	0.05	0.1	0.3	23	0.32	0.058	53
1435451	11.6	57	0.05	19.6	8.2	220	2.65	9	2.9	4.5	14.6	13	0.05	0.7	0.3	47	0.14	0.02	121
1435452	14.6	73	0.2	15.7	9.5	782	3.1	12.2	1.2	4.8	4.6	16	0.1	1	0.3	54	0.17	0.061	11
1435453	11.5	44	0.3	13.7	6.3	262	2.33	7.2	1.1	5.1	12.1	15	0.05	0.5	0.2	47	0.22	0.028	41
1435454	23.3	99	0.05	32.5	16.3	528	4.2	6	2.2	1.6	19.7	9	0.05	0.3	0.1	33	0.2	0.041	61

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1435423	29	0.64	172	0.076	0	1.55	0.006	0.19	0.2	0.04	3.9	0.2	0.025	6	0.25	0.1
1435424	36	0.65	253	0.097	1	2.1	0.007	0.2	0.2	0.05	4.9	0.2	0.025	10	0.25	0.1
1435425	32	0.62	170	0.094	1	1.72	0.006	0.14	0.2	0.03	4.1	0.2	0.025	8	0.25	0.1
1435426	14	0.29	106	0.091	0	0.77	0.006	0.16	0.1	0.03	2.1	0.2	0.025	7	0.25	0.1
1435427	27	0.55	132	0.103	0	1.47	0.006	0.19	0.1	0.01	3.4	0.2	0.025	9	0.25	0.1
1435428	32	0.54	190	0.064	1	1.92	0.009	0.09	0.2	0.05	4.2	0.1	0.025	5	0.25	0.1
1435429	29	0.62	181	0.078	0	1.53	0.007	0.13	0.2	0.09	4.7	0.2	0.025	5	0.25	0.1
1435430	32	0.6	199	0.069	1	1.7	0.007	0.15	0.2	0.04	3.8	0.2	0.025	6	0.25	0.1
1435431	33	0.57	184	0.065	1	1.88	0.008	0.09	0.2	0.04	4.1	0.2	0.025	5	0.25	0.1
1435432	35	0.59	274	0.069	1	1.74	0.007	0.11	0.2	0.11	5	0.2	0.025	6	0.25	0.1
1435433	32	0.53	289	0.061	1	1.5	0.007	0.09	0.2	0.08	3.7	0.2	0.025	6	0.25	0.1
1435434	34	0.55	222	0.071	2	1.69	0.007	0.11	0.2	0.09	4.5	0.2	0.025	6	0.25	0.1
1435435	29	0.51	218	0.066	0	1.48	0.007	0.1	0.2	0.1	4	0.2	0.025	5	0.25	0.1
1435435	30	0.51	226	0.068	0	1.5	0.007	0.1	0.2	0.13	4.2	0.2	0.025	5	0.25	0.1
1435436	30	0.5	180	0.063	1	1.59	0.006	0.08	0.2	0.1	3.9	0.2	0.025	5	0.25	0.1
1435437	27	0.44	193	0.061	1	1.38	0.005	0.08	0.2	0.06	3	0.1	0.025	6	0.25	0.1
1435438	28	0.41	206	0.069	0	1.37	0.006	0.07	0.2	0.03	3.1	0.2	0.025	7	0.25	0.1
1435439	35	0.61	168	0.085	0	1.56	0.006	0.2	0.2	0.04	4.1	0.3	0.025	6	0.25	0.1
1435440	24	0.25	321	0.046	0	1.48	0.005	0.06	0.2	0.06	2.1	0.1	0.025	6	0.25	0.1
1435441	21	0.3	95	0.059	0	1.51	0.005	0.06	0.3	0.02	2.4	0.2	0.025	7	0.25	0.1
1435442	21	0.27	98	0.09	0	1.08	0.005	0.06	0.4	0.05	2.3	0.1	0.025	8	0.25	0.1
1435443	22	0.32	163	0.056	0	1.22	0.004	0.07	0.3	0.05	2.1	0.1	0.025	7	0.25	0.1
1435444	26	0.35	180	0.044	0	1.48	0.006	0.07	0.2	0.03	3	0.1	0.025	5	0.25	0.1
1435445	25	0.34	285	0.043	0	1.51	0.007	0.1	0.2	0.03	2.5	0.1	0.025	6	0.25	0.1
1435446	19	0.2	120	0.011	2	1.08	0.003	0.07	0.4	0.13	3	0.1	0.025	4	0.25	0.1
1435447	21	0.27	147	0.014	2	1.51	0.004	0.06	0.2	0.04	2.6	0.1	0.025	4	0.25	0.1
1435448	26	0.33	193	0.027	0	1.97	0.006	0.07	0.2	0.02	3.2	0.2	0.025	8	0.25	0.1
1435449	28	0.78	145	0.111	0	1.8	0.004	0.82	0.05	0.01	4.9	0.5	0.025	6	0.25	0.1
1435450	25	0.66	138	0.094	0	1.65	0.005	0.72	0.05	0.02	3.7	0.5	0.025	5	0.25	0.1
1435451	35	0.48	160	0.049	0	1.51	0.006	0.06	0.1	0.09	6.4	0.05	0.025	4	0.25	0.1
1435452	29	0.37	221	0.029	2	1.51	0.005	0.09	0.2	0.06	2.8	0.1	0.025	5	0.25	0.1
1435453	28	0.44	240	0.041	1	1.47	0.008	0.05	0.2	0.1	3	0.1	0.025	5	0.25	0.1
1435454	32	0.57	156	0.094	0	1.39	0.003	0.44	0.05	0.07	6.5	0.5	0.025	6	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1435455	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610896	7040747	-138.7738653	63.47773664		1004
1435456	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610845	7040747	-138.7748882	63.47775255		1004
1435457	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610820	7040747	-138.7753896	63.47776034		1003
1435458	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610794	7040748	-138.7759103	63.47777741		1007
1435459	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610771	7040748	-138.7763716	63.47778458		1021
1435460	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610745	7040748	-138.7768931	63.47779268		1020
1435461	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610720	7040748	-138.7773945	63.47780047		1011
1435462	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610694	7040747	-138.7779166	63.47779959		1014
1435463	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610670	7040747	-138.778398	63.47780706		993
1435464	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610644	7040747	-138.7789194	63.47781516		1014
1435465	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610619	7040748	-138.7794201	63.4778319		1013
1435466	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610595	7040746	-138.7799029	63.47782144		1027
1435467	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610569	7040747	-138.7804236	63.47783849		1021
1435468	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610543	7040748	-138.7809444	63.47785554		1011
1435469	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610520	7040747	-138.7814064	63.47785373		1012
1435470	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610493	7040747	-138.7819479	63.47786212		1013
1435471	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610469	7040748	-138.7824285	63.47787854		1020
1435472	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610443	7040748	-138.78295	63.47788662		1012
1435473	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610419	7040747	-138.783432	63.47788511		1010
1435474	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610319	7040748	-138.785437	63.47792512		1018
1435475	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610319	7040748	-138.785437	63.47792512	1435474	1024
1435476	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610394	7040748	-138.7839327	63.47790184		1009
1435476	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610394	7040748	-138.7839327	63.47790184		1009
1435477	BHC	Ross Reed RR02	10/24/2016 0:00	07N	610369	7040748	-138.7844341	63.4779096		1019
1435478	BHC	Ross Reed RR02	10/25/2016 0:00	07N	613028	7039848	-138.7317462	63.46900333		937
1435479	BHC	Ross Reed RR02	10/25/2016 0:00	07N	613000	7039847	-138.7323083	63.46900326		964
1435480	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612976	7039847	-138.7327895	63.46901088		930
1435481	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612951	7039848	-138.73329	63.46902779		909
1435482	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612927	7039848	-138.7337712	63.46903541		909
1435483	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612909	7039870	-138.7341161	63.469234		916
1435484	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612876	7039847	-138.7347944	63.46904263		932
1435485	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612850	7039847	-138.7353157	63.46905088		906
1435486	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612826	7039848	-138.7357962	63.46906747		916

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1435455	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435456	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Silt
1435457	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Sand
1435458	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435459	Mattock	100	C	Flat	Chocolate Brown	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435460	Auger	100	C	Flat	Chocolate Brown	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435461	Auger	40	B	Flat	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435462	Auger	80	C	Flat	Chocolate Brown	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435463	Auger	100	C	Flat	Greyish Green	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435464	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1435465	Auger	100	C	Flat	Reddish Yellow	Old Burn	Burnt Moss	Damp	Excellent	Sand
1435466	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435467	Mattock	30	B	Subtle Slope	Light Brown	Old Burn	Burnt Moss	Damp	Poor	Silt
1435468	Mattock	30	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Silt
1435469	Auger	20	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Wet	Poor	Silt
1435470	Mattock	30	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Wet	Poor	Silt
1435471	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Silt
1435472	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435473	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Silt
1435474	Mattock	40	B	Subtle Slope	Chocolate Brown	Old Burn	Rock Cover	Damp	Good	Silt
1435475	Mattock	40	B	Subtle Slope	Chocolate Brown	Old Burn	Rock Cover	Damp	Good	Silt
1435476	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435476	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1435477	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Silt
1435478	Auger	70	C	Subtle Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Damp	Excellent	Sand
1435479	Auger	100	C	Subtle Slope	Reddish Yellow	White Spruce	Thin Moss Cover	Damp	Excellent	Sand
1435480	Auger	40	B	Subtle Slope	Reddish Brown	White Spruce	Thin Moss Cover	Damp	Good	Silt
1435481	Auger	50	C	Subtle Slope	Reddish Yellow	White Spruce	Thin Moss Cover	Dry	Good	Silt
1435482	Auger	70	C	Subtle Slope	Reddish Yellow	White Spruce	Thin Moss Cover	Damp	Excellent	Sand
1435483	Auger	100	C	Subtle Slope	Reddish Yellow	White Spruce	Thin Moss Cover	Damp	Excellent	Sand
1435484	Auger	40	B	Subtle Slope	Reddish Yellow	White Spruce	Thin Moss Cover	Damp	Good	Silt
1435485	Auger	80	C	Subtle Slope	Reddish Yellow	White Spruce	Thin Moss Cover	Damp	Excellent	Clay
1435486	Auger	110	C	Subtle Slope	Reddish Orange	White Spruce	Thin Moss Cover	Damp	Excellent	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1435455	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.9	14.9
1435456	Organic 10%			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1	16.6
1435457	Coarse	Top Layer		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1.1	19.4
1435458	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.6	27
1435459	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.1	17.9
1435460	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.3	28.3
1435461	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1.8	26
1435462	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.4	33.3
1435463	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.2	30.8
1435464	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.2	26.6
1435465	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.3	26
1435466	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.9	27.6
1435467	Frozen	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1.3	32.3
1435468	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.6	22.2
1435469	Frozen	Top Layer		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.8	24.2
1435470	Frozen	Organic 25%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.7	25.6
1435471	Rocky Sample			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.6	21.4
1435472				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.6	30.1
1435473	Small Sample	Organic 25%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.8	24.9
1435474	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.5	34.2
1435475	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.4	36.2
1435476	Rocky Terrain			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.8	26.6
1435476	Rocky Terrain			REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.7	27.3
1435477	Small Sample			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.7	27
1435478	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	25.5
1435479	Bright Orange Rust			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	13.3
1435480	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.6	19.5
1435481	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1	10.2
1435482	Quartz Chips	Bright Orange Rust		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	9.9
1435483	Coarse	Quartz Chips		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1	8.4
1435484	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	35.3
1435485	Bright Orange Rus	Dull Red Rust		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.7	9.5
1435486	Coarse	Bright Orange Rust		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.3	11



sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1435455	11.9	54	0.1	12.8	6.8	221	2.26	4.7	1.2	11.6	3	12	0.05	0.3	0.2	36	0.2	0.055	15
1435456	13.7	57	0.05	22.5	13	1075	3.65	10.5	0.5	1.6	5.2	11	0.05	0.6	0.3	58	0.12	0.032	10
1435457	16.2	73	0.1	26	11	286	3.85	7.6	0.9	2.6	8	8	0.05	0.4	0.2	54	0.09	0.034	15
1435458	14.3	69	0.05	32.5	11.8	297	3.5	6.6	0.8	1.6	16.3	15	0.05	0.4	0.3	38	0.1	0.014	26
1435459	20.2	69	0.05	22	11.1	420	3.19	1.7	1.1	1.1	24.2	107	0.05	0.05	0.2	25	0.42	0.043	54
1435460	25.8	163	0.05	59.5	16.9	551	3.51	3.4	2.9	0.7	21.1	17	0.1	0.05	0.1	27	0.38	0.06	62
1435461	15.6	47	0.1	16.9	5.8	207	2.51	9.9	1.3	1.2	3.5	11	0.05	0.5	0.3	61	0.09	0.029	14
1435462	25.3	75	0.05	25.2	13	584	3.56	4.6	1.5	1.4	20.2	30	0.05	0.3	0.3	36	0.31	0.038	46
1435463	20.2	103	0.05	37.5	15.6	550	4.42	1.5	1.7	0.25	26.7	16	0.05	0.1	0.3	30	0.37	0.072	51
1435464	12.2	71	0.05	26.7	11.2	403	3.15	7.4	1.5	4.3	15.8	69	0.05	0.2	0.2	43	0.3	0.042	67
1435465	3	30	0.05	19.1	10.2	193	1.36	52	1.8	3.1	12.6	5	0.05	0.05	0.1	9	0.09	0.023	15
1435466	11.4	67	0.05	25.7	11.7	315	3.18	9.2	1.6	5	7.7	17	0.05	0.5	0.3	56	0.14	0.014	23
1435467	15.7	76	0.05	24.8	9.8	283	3.47	8.4	1.5	0.9	3.7	82	0.05	0.2	0.3	55	0.12	0.059	27
1435468	8	62	0.05	27.1	11.2	251	3.04	5	1	0.25	7.4	14	0.05	0.3	0.2	48	0.11	0.023	22
1435469	12.3	57	0.1	23.8	9.2	192	3.02	6.3	1.6	1.5	4.4	21	0.1	0.3	0.3	51	0.13	0.067	27
1435470	10.3	26	0.1	11.3	4	88	1.52	2.7	1.3	1.1	0.2	21	0.2	0.2	0.2	24	0.13	0.045	19
1435471	12.3	72	0.05	21	10.9	601	3.12	5.6	1.1	1.2	6.6	26	0.05	0.3	0.3	50	0.11	0.046	20
1435472	12.4	70	0.05	25.6	12	306	3.21	5.4	1.5	4.2	7.9	34	0.05	0.3	0.3	49	0.13	0.029	24
1435473	16.4	54	0.2	17.8	7.7	239	2.5	5.4	1.1	5.7	2	28	0.2	0.3	0.3	49	0.12	0.063	20
1435474	9.9	62	0.05	24	11.9	275	2.76	4.5	1.2	3.2	7.7	27	0.05	0.3	0.3	44	0.15	0.027	26
1435475	10.6	64	0.05	25.1	12.2	286	2.83	4.7	1.3	6	8.8	32	0.05	0.3	0.2	43	0.16	0.03	28
1435476	12.3	64	0.05	26.2	12.3	340	3.08	6.4	0.9	6.6	5.5	18	0.05	0.4	0.3	50	0.11	0.029	17
1435476	12.7	68	0.05	27.3	12.5	347	3.12	6.8	1	4.7	5.8	19	0.05	0.4	0.3	50	0.12	0.029	18
1435477	11.2	60	0.05	24.8	12.1	347	2.87	5.6	1.2	8	4.8	15	0.05	0.3	0.3	50	0.13	0.036	20
1435478	8.4	40	0.05	15.5	7.2	245	2.27	6.6	1.7	1	11.6	18	0.05	1	0.2	47	0.32	0.038	27
1435479	13.1	69	0.05	14.4	9.8	545	3.45	5.1	1.5	1.8	34.1	22	0.05	1.3	0.1	42	0.48	0.077	95
1435480	15.9	64	0.1	24.6	11.2	275	3.44	15.8	0.9	2.9	6.2	10	0.2	0.9	0.3	67	0.09	0.03	12
1435481	13.7	61	0.1	13.4	7.6	260	3.11	10.7	0.7	2.5	13.6	14	0.05	1	0.4	55	0.15	0.023	12
1435482	16.9	82	0.05	11.6	10.4	459	3.64	6	2.5	1.7	31.5	20	0.05	1.4	2.9	41	0.4	0.072	99
1435483	14.4	86	0.05	11.1	9.3	572	3.86	8.9	4.5	3.6	43.1	20	0.05	1.8	0.1	32	0.41	0.102	88
1435484	10.7	50	0.05	26.5	9.2	214	2.74	13.1	2.6	3.6	8.3	18	0.05	0.9	0.2	49	0.19	0.021	31
1435485	17.5	60	0.05	9.7	7.2	263	2.9	14.1	4.2	1	32.5	17	0.05	1.8	0.4	30	0.26	0.033	78
1435486	22.3	61	0.05	7.7	5.7	382	2.42	7.9	3.7	0.25	38.1	17	0.05	1.6	0.2	21	0.37	0.063	83

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1435455	25	0.45	118	0.076	0	1.3	0.004	0.22	0.1	0.05	2.5	0.2	0.025	6	0.25	0.1
1435456	33	0.55	143	0.089	0	1.88	0.005	0.25	0.1	0.02	2.7	0.2	0.025	6	0.25	0.1
1435457	35	0.61	163	0.098	0	2.3	0.005	0.47	0.1	0.04	3.1	0.4	0.025	7	0.25	0.1
1435458	35	0.77	160	0.145	0	2.61	0.005	0.64	0.05	0.01	3.2	0.5	0.025	6	0.25	0.1
1435459	27	0.95	318	0.153	0	2.4	0.005	0.78	0.05	0.01	3.3	0.6	0.025	6	0.25	0.1
1435460	27	0.95	119	0.081	0	2.3	0.005	0.8	0.05	0.01	4.3	0.4	0.025	6	0.25	0.1
1435461	30	0.35	141	0.049	0	1.86	0.007	0.06	0.1	0.04	2.9	0.2	0.025	6	0.25	0.1
1435462	33	0.93	227	0.136	0	2.18	0.006	0.56	0.05	0.02	4.5	0.5	0.025	6	0.25	0.1
1435463	35	1.04	238	0.154	0	2.47	0.005	0.85	0.05	0.01	4.5	0.6	0.025	7	0.25	0.1
1435464	45	0.86	237	0.153	0	2.14	0.006	0.83	0.05	0.005	5.1	0.7	0.025	8	0.25	0.1
1435465	8	0.15	48	0.015	0	0.57	0.002	0.11	0.05	0.005	1.2	0.2	0.025	2	0.25	0.1
1435466	39	0.68	166	0.102	0	2.05	0.006	0.18	0.1	0.02	4.6	0.2	0.025	7	0.25	0.1
1435467	41	0.69	180	0.131	0	2.36	0.006	0.56	0.1	0.02	4.6	0.4	0.025	11	0.25	0.1
1435468	39	0.75	115	0.195	0	2.05	0.007	0.46	0.2	0.01	4.4	0.4	0.025	7	0.25	0.1
1435469	39	0.6	189	0.123	0	2.25	0.009	0.23	0.1	0.03	4.7	0.2	0.025	8	0.25	0.1
1435470	20	0.25	153	0.029	0	1.18	0.01	0.14	0.05	0.03	0.8	0.1	0.025	5	0.25	0.1
1435471	39	0.64	137	0.172	0	1.88	0.007	0.45	0.1	0.03	4.5	0.3	0.025	8	0.25	0.1
1435472	39	0.75	163	0.181	0	2.29	0.008	0.46	0.2	0.02	5	0.4	0.025	8	0.25	0.1
1435473	29	0.47	145	0.097	0	1.66	0.008	0.21	0.2	0.04	3	0.2	0.025	7	0.25	0.1
1435474	34	0.69	159	0.151	0	1.82	0.007	0.4	0.2	0.02	4	0.3	0.025	6	0.25	0.1
1435475	34	0.7	173	0.166	0	1.88	0.007	0.41	0.2	0.02	4.6	0.4	0.025	6	0.25	0.1
1435476	38	0.69	145	0.128	0	2.07	0.007	0.32	0.2	0.02	3.8	0.3	0.025	6	0.25	0.1
1435476	39	0.69	146	0.124	0	2.11	0.007	0.32	0.2	0.02	4	0.3	0.025	7	0.25	0.1
1435477	34	0.61	149	0.119	0	1.79	0.006	0.32	0.1	0.02	3.3	0.3	0.025	7	0.25	0.1
1435478	26	0.44	268	0.051	0	1.18	0.012	0.07	0.3	0.05	6.8	0.1	0.025	4	0.25	0.1
1435479	34	0.87	170	0.075	1	2.21	0.007	0.61	0.1	0.02	7.7	0.9	0.025	10	0.25	0.1
1435480	42	0.5	164	0.061	1	2.58	0.007	0.08	0.2	0.03	3.6	0.2	0.025	6	0.25	0.1
1435481	33	0.52	127	0.065	0	2.03	0.007	0.18	0.1	0.02	3.8	0.3	0.025	7	0.25	0.1
1435482	33	0.87	151	0.091	0	2.33	0.007	0.53	0.1	0.02	7.9	1	0.025	11	0.25	0.1
1435483	26	0.47	125	0.022	0	1.77	0.006	0.32	0.05	0.05	7.6	0.5	0.025	7	0.25	0.1
1435484	38	0.5	247	0.048	0	1.81	0.007	0.06	0.2	0.05	6.7	0.1	0.025	5	0.25	0.1
1435485	21	0.51	129	0.044	0	1.72	0.003	0.3	0.05	0.05	6.1	0.5	0.025	7	0.25	0.1
1435486	17	0.34	104	0.011	0	1.28	0.004	0.17	0.05	0.15	7.6	0.3	0.025	5	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1435487	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612801	7039847	-138.7362981	63.46906643		940
1435488	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612775	7039847	-138.7368194	63.46907467		910
1435489	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612750	7039847	-138.7373206	63.4690826		900
1435490	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612724	7039847	-138.7378419	63.46909084		924
1435491	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612700	7039848	-138.7383224	63.46910741		908
1435492	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612676	7039848	-138.7388036	63.46911502		920
1435493	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612651	7039847	-138.7393055	63.46911397		893
1435494	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612626	7039847	-138.7398068	63.46912189		918
1435495	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612599	7039849	-138.7403467	63.46914837		893
1435495	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612599	7039849	-138.7403467	63.46914837		893
1435496	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612574	7039848	-138.7408486	63.46914732		888
1435497	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612550	7039848	-138.7413298	63.46915491		895
1435498	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612525	7039848	-138.741831	63.46916283		865
1435499	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612476	7039848	-138.7428135	63.46917832		876
1435500	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612476	7039848	-138.7428135	63.46917832	1435499	885
1435738	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618522	7037707	-138.6231973	63.44801671		1105
1435739	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618547	7037706	-138.6226972	63.44799942		1100
1435740	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618571	7037705	-138.6222172	63.44798246		1096
1435741	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618622	7037705	-138.6211955	63.44796547		1083
1435742	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618645	7037707	-138.6207333	63.44797573		1078
1435751	BHC	Simon Cash SC03	10/23/2016 0:00	07N	617944	7038339	-138.6343086	63.45387586		1168
1435752	BHC	Simon Cash SC03	10/23/2016 0:00	07N	617969	7038339	-138.6338076	63.45386757		1168
1435753	BHC	Simon Cash SC03	10/23/2016 0:00	07N	617993	7038335	-138.6333297	63.45382375		1171
1435754	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618019	7038337	-138.6328073	63.45383306		1174
1435755	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618044	7038334	-138.6323086	63.45379787		1171
1435756	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618070	7038338	-138.6317846	63.45382511		1171
1435757	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618094	7038337	-138.6313045	63.45380818		1168
1435758	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618120	7038336	-138.6307842	63.45379059		1165
1435759	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618145	7038333	-138.6302855	63.45375539		1160
1435759	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618145	7038333	-138.6302855	63.45375539		1160
1435760	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618170	7038336	-138.6297824	63.45377399		1155
1435761	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618193	7038336	-138.6293215	63.45376635		1150
1435762	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618220	7038338	-138.6287791	63.45377532		1145

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1435487	Auger	50	B	Subtle Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Dry	Good	Silt
1435488	Auger	50	B	Subtle Slope	Reddish Yellow	White Spruce	Thin Moss Cover	Damp	Good	Silt
1435489	Auger	70	C	Subtle Slope	Yellow	White Spruce	Thin Moss Cover	Damp	Excellent	Sand
1435490	Auger	50	C	Subtle Slope	Reddish Yellow	White Spruce	Thin Moss Cover	Damp	Good	Sand
1435491	Auger	50	C	Subtle Slope	Light Brown	White Spruce	Thin Moss Cover	Damp	Good	Sand
1435492	Auger	80	C	Subtle Slope	Reddish Yellow	White Spruce	Thin Moss Cover	Damp	Excellent	Sand
1435493	Auger	50	C	Subtle Slope	Reddish Yellow	White Spruce	Thin Moss Cover	Damp	Good	Sand
1435494	Auger	60	C	Subtle Slope	Reddish Yellow	White Spruce	Thin Moss Cover	Damp	Good	Silt
1435495	Auger	30	B	Subtle Slope	Chocolate Brown	Poplar	Leaf Cover	Damp	Good	Silt
1435495	Auger	30	B	Subtle Slope	Chocolate Brown	Poplar	Leaf Cover	Damp	Good	Silt
1435496	Auger	40	B	Subtle Slope	Chocolate Brown	White Spruce	Leaf Cover	Damp	Good	Silt
1435497	Auger	30	B	Pronounced Slope	Light Brown	Poplar	Thin Moss Cover	Damp	Good	Silt
1435498	Auger	50	C	Subtle Slope	Chocolate Brown	Poplar	Thin Moss Cover	Damp	Good	Sand
1435499	Auger	50	B	Subtle Slope	Chocolate Brown	Poplar	Thin Moss Cover	Damp	Good	Silt
1435500	Auger	50	B	Subtle Slope	Chocolate Brown	Poplar	Thin Moss Cover	Damp	Good	Silt
1435738	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1435739	Auger	60	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1435740	Auger	30	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Poor	Silt
1435741	Auger	80	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1435742	Auger	70	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1435751	Auger	30	B	Subtle Slope	Chocolate Brown	Willows	Thin Moss Cover	Damp	Good	Sand
1435752	Auger	20	B	Subtle Slope	Chocolate Brown	Willows	Thin Moss Cover	Damp	Poor	Sand
1435753	Auger	20	B	Subtle Slope	Chocolate Brown	Willows	Thin Moss Cover	Damp	Poor	Sand
1435754	Auger	30	B	Subtle Slope	Chocolate Brown	Willows	Thin Moss Cover	Damp	Good	Sand
1435755	Auger	30	B	Subtle Slope	Chocolate Brown	Willows	Sphagnum Moss <	Damp	Good	Sand
1435756	Auger	30	B	Subtle Slope	Chocolate Brown	Willows	Thin Moss Cover	Damp	Good	Sand
1435757	Auger	30	B	Subtle Slope	Chocolate Brown	Willows	Thin Moss Cover	Damp	Good	Sand
1435758	Auger	30	B	Subtle Slope	Chocolate Brown	Willows	Thin Moss Cover	Damp	Good	Sand
1435759	Auger	30	B	Subtle Slope	Chocolate Brown	Willows	Thin Moss Cover	Damp	Good	Sand
1435759	Auger	30	B	Subtle Slope	Chocolate Brown	Willows	Thin Moss Cover	Damp	Good	Sand
1435760	Auger	30	B	Pronounced Slope	Chocolate Brown	Willows	Thin Moss Cover	Damp	Good	Clay
1435761	Auger	40	B	Pronounced Slope	Chocolate Brown	Willows	Thin Moss Cover	Damp	Good	Clay
1435762	Auger	30	B	Pronounced Slope	Chocolate Brown	Willows	Sphagnum Moss >	Damp	Good	Clay

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1435487	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.2	16.7
1435488	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1	20.9
1435489	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	13.5
1435490	Coarse	Top Layer		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.9	18.9
1435491	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.7	17.3
1435492	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.7	21.9
1435493	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.1	14.5
1435494	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.9	12.8
1435495	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.1	16.8
1435495	Fine			REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.1	16.7
1435496	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1	28.7
1435497	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	16
1435498	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.9	17.6
1435499	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	17.3
1435500	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.7	16
1435738	Coarse	Rocky Terrain		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	2	17.6
1435739	Coarse	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.2	17.2
1435740	Organic 25%	Partially Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	2	33.8
1435741	Coarse	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.1	14.3
1435742	Fine	Rusty Rock Chip		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.9	20.2
1435751			Can't see group so	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1	13.6
1435752	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.8	14.2
1435753	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.4	15
1435754	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.4	9.2
1435755	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.9	10.5
1435756	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.9	9.4
1435757	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	2	10
1435758	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	2.1	37.5
1435759	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.5	15.4
1435759	Frozen			REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.7	15.5
1435760	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.7	19.6
1435761				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.5	16
1435762	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.7	21.9

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1435487	12.4	57	0.1	16.3	9.2	334	3.03	11.1	2	2.1	16.2	17	0.05	0.8	0.2	55	0.18	0.023	40
1435488	15.4	52	0.05	23	8.6	293	2.88	12.4	1.7	1.7	12.6	16	0.05	0.9	0.2	51	0.15	0.024	20
1435489	16.7	48	0.05	13.8	6	168	2.1	11.8	7.2	3.5	26.7	14	0.05	1.5	0.3	33	0.16	0.028	54
1435490	26.4	63	0.05	17	7.9	243	2.74	10	1.7	1.8	10.6	18	0.05	0.8	0.3	49	0.17	0.02	19
1435491	11.6	47	0.05	16.2	7.5	196	2.44	8.3	2	3.4	14.8	16	0.05	0.8	0.2	42	0.16	0.018	27
1435492	18.4	55	0.05	16.8	8.4	315	2.63	9.3	4.4	2.9	25.6	18	0.05	1.1	0.2	38	0.2	0.034	60
1435493	14.7	49	0.05	16.1	11.8	415	2.85	9	2.3	1.4	13.5	15	0.05	0.8	0.3	49	0.15	0.057	35
1435494	13.4	52	0.05	17.8	7.6	310	2.72	8.4	1.2	0.6	11.3	19	0.05	0.6	0.2	49	0.21	0.028	29
1435495	18.3	45	0.2	19.1	10.7	591	2.35	11.4	1.1	0.25	6.7	17	0.1	0.6	0.2	51	0.18	0.033	25
1435495	18.6	45	0.2	18.9	10.7	574	2.34	11.4	1.1	1.1	6.9	17	0.1	0.6	0.2	49	0.18	0.035	25
1435496	17.3	73	0.2	30.3	13.4	440	3.73	7.9	1.2	0.7	9.9	12	0.05	0.4	0.3	45	0.11	0.033	18
1435497	14.3	55	0.4	20.1	8.8	997	2.52	6.6	1.6	5	10.2	25	0.2	0.6	0.2	44	0.3	0.052	30
1435498	16	79	0.05	14.7	8.8	362	3.47	6.2	4.5	1.6	31.7	16	0.05	0.6	0.5	37	0.24	0.051	54
1435499	12.7	52	0.05	16.9	8	273	2.75	8.8	1.5	5	13.6	21	0.05	0.6	0.2	47	0.25	0.022	32
1435500	14.2	57	0.1	16.3	7.7	328	2.71	9.8	1.6	2.2	14.7	22	0.05	0.7	0.2	44	0.28	0.025	37
1435738	11.8	52	0.05	17	9.8	532	2.39	7.4	2.4	7.1	7.8	12	0.1	0.9	0.2	45	0.15	0.045	31
1435739	10.3	53	0.05	16.4	7.8	303	2.4	8.4	1.9	4.3	10.4	11	0.05	0.8	0.2	39	0.14	0.04	22
1435740	15.9	62	0.3	20.8	8.4	304	2.61	7.5	6	3.7	2.6	19	0.4	0.6	0.3	44	0.21	0.078	60
1435741	11.4	47	0.05	13.5	6.1	234	2.28	8.3	1.5	2.2	4.5	11	0.05	0.5	0.2	44	0.12	0.054	19
1435742	9.5	51	0.05	15.7	7.6	274	2.27	7.9	1.6	1.7	5.4	13	0.05	0.6	0.2	41	0.16	0.043	19
1435751	5.8	19	0.3	5.3	1.2	77	0.54	1.2	0.4	0.25	0.05	10	0.3	0.1	0.05	11	0.1	0.055	6
1435752	12.1	57	0.05	16.4	7.8	344	2.52	8.1	0.9	3.5	3.3	10	0.1	0.6	0.2	47	0.12	0.043	15
1435753	10.4	48	0.05	18.9	9.8	319	2.87	10.2	0.8	0.7	7.5	9	0.1	0.7	0.1	43	0.1	0.036	12
1435754	6.9	41	0.05	13.4	5.9	240	2.16	4.3	0.8	0.25	8.8	7	0.05	0.4	0.05	41	0.09	0.026	14
1435755	6.6	33	0.05	10	4.1	164	1.62	3.3	0.9	0.25	2.1	8	0.1	0.3	0.1	34	0.09	0.034	14
1435756	6.7	35	0.05	10	4.7	211	1.68	3.7	1	4.4	7.6	6	0.05	0.4	0.05	28	0.08	0.025	17
1435757	8.7	41	0.05	12.7	7.4	296	2.2	5.2	1	0.9	9.9	8	0.05	0.4	0.1	35	0.1	0.029	20
1435758	17	40	0.6	22	6.6	191	2.75	6.5	3.7	5.4	2.4	18	0.5	0.5	0.4	38	0.17	0.09	90
1435759	9.5	50	0.05	18.2	7.4	245	2.55	8.1	0.9	1.7	7.9	10	0.2	0.6	0.2	42	0.12	0.032	20
1435759	10.2	53	0.05	18.7	7.9	259	2.66	8.4	1	1.6	8.2	10	0.2	0.6	0.1	42	0.12	0.033	22
1435760	10.9	58	0.05	20.8	8.8	324	2.72	10	1.3	7.8	10	10	0.1	0.7	0.4	46	0.12	0.037	19
1435761	11.7	35	0.05	11.1	4.4	145	2.11	7.5	1.2	0.7	0.8	10	0.1	0.4	0.2	45	0.09	0.062	21
1435762	12.3	59	0.05	21.3	9.2	348	2.84	9.5	1.4	3.3	7.7	13	0.1	0.6	0.2	51	0.14	0.042	24

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1435487	37	0.5	180	0.059	0	1.95	0.009	0.08	0.2	0.05	5	0.1	0.025	6	0.25	0.1
1435488	37	0.52	191	0.058	0	2.09	0.006	0.1	0.1	0.03	4.4	0.2	0.025	6	0.25	0.1
1435489	20	0.35	102	0.033	0	1.21	0.005	0.07	0.1	0.1	4.5	0.2	0.025	4	0.25	0.1
1435490	33	0.48	187	0.05	0	1.87	0.007	0.08	0.1	0.03	3.8	0.1	0.025	5	0.25	0.1
1435491	29	0.43	142	0.052	0	1.59	0.006	0.08	0.1	0.02	3.6	0.1	0.025	4	0.25	0.1
1435492	27	0.39	161	0.035	0	1.55	0.006	0.09	0.2	0.08	5	0.1	0.025	5	0.25	0.1
1435493	28	0.36	208	0.04	0	1.76	0.006	0.13	0.2	0.04	4	0.1	0.025	6	0.25	0.1
1435494	33	0.52	190	0.054	0	1.94	0.006	0.13	0.1	0.03	3.7	0.2	0.025	6	0.25	0.1
1435495	26	0.4	184	0.044	0	1.73	0.007	0.1	0.1	0.03	3	0.2	0.025	6	0.25	0.1
1435495	27	0.4	187	0.045	0	1.71	0.006	0.1	0.2	0.02	3.2	0.1	0.025	6	0.25	0.1
1435496	33	0.58	132	0.098	0	1.82	0.005	0.49	0.05	0.02	3.8	0.4	0.025	6	0.25	0.1
1435497	31	0.49	249	0.073	0	1.62	0.009	0.22	0.2	0.03	3.7	0.2	0.025	6	0.25	0.1
1435498	30	0.5	128	0.05	0	1.68	0.005	0.32	0.3	0.02	5.9	0.3	0.025	6	0.25	0.1
1435499	34	0.51	211	0.053	0	1.78	0.007	0.09	0.1	0.03	4.8	0.1	0.025	6	0.25	0.1
1435500	31	0.5	220	0.052	0	1.78	0.008	0.1	0.1	0.04	4.9	0.2	0.025	6	0.25	0.1
1435738	40	0.56	240	0.079	1	1.31	0.005	0.2	0.2	0.03	3.4	0.3	0.025	6	0.25	0.1
1435739	24	0.47	163	0.063	1	1.4	0.005	0.09	0.2	0.04	3.1	0.2	0.025	5	0.25	0.1
1435740	33	0.5	419	0.046	1	1.76	0.006	0.15	0.2	0.12	4.3	0.2	0.05	7	0.6	0.1
1435741	23	0.37	163	0.051	0	1.35	0.005	0.06	0.2	0.04	2.9	0.1	0.025	5	0.25	0.1
1435742	24	0.42	205	0.049	0	1.37	0.006	0.05	0.2	0.05	3.5	0.1	0.025	4	0.25	0.1
1435751	11	0.05	138	0.005	0	0.4	0.007	0.05	0.05	0.07	0.1	0.05	0.025	2	0.25	0.1
1435752	27	0.55	153	0.055	0	1.4	0.005	0.14	0.2	0.04	3	0.2	0.025	6	0.25	0.1
1435753	31	0.54	123	0.058	0	1.91	0.006	0.12	0.2	0.04	3.4	0.1	0.025	5	0.25	0.1
1435754	31	0.81	105	0.081	0	1.34	0.005	0.24	0.1	0.03	4.5	0.2	0.025	6	0.25	0.1
1435755	22	0.59	166	0.062	0	1.08	0.006	0.23	0.1	0.05	2.9	0.1	0.025	6	0.25	0.1
1435756	18	0.52	111	0.074	0	0.96	0.005	0.21	0.2	0.02	3.1	0.1	0.025	5	0.25	0.1
1435757	24	0.64	160	0.081	0	1.35	0.005	0.2	0.2	0.02	3.9	0.2	0.025	6	0.25	0.1
1435758	29	0.44	468	0.035	0	1.93	0.007	0.15	0.2	0.11	3.7	0.2	0.025	7	0.7	0.1
1435759	26	0.55	169	0.069	0	1.48	0.005	0.13	0.2	0.02	3.4	0.2	0.025	6	0.25	0.1
1435759	28	0.58	181	0.075	0	1.53	0.006	0.13	0.2	0.02	3.7	0.1	0.025	6	0.25	0.1
1435760	30	0.55	183	0.065	1	1.6	0.005	0.11	0.2	0.04	4	0.2	0.025	6	0.25	0.1
1435761	23	0.31	212	0.031	0	1.22	0.005	0.07	0.1	0.03	1.9	0.1	0.025	6	0.25	0.1
1435762	34	0.61	227	0.061	0	1.75	0.005	0.11	0.2	0.04	4.3	0.2	0.025	6	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1435763	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618245	7038336	-138.6282796	63.45374908		1139
1435764	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618269	7038334	-138.6278002	63.45372317		1132
1435765	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618294	7038336	-138.6272978	63.4537328		1127
1435766	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618319	7038335	-138.6267976	63.45371552		1118
1435767	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618345	7038338	-138.6262744	63.45373378		1110
1435768	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618370	7038337	-138.6257742	63.4537165		1101
1435769	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618394	7038337	-138.6252933	63.45370851		1091
1435770	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618420	7038335	-138.6247739	63.45368193		1082
1435771	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618445	7038337	-138.6242715	63.45369154		1072
1435772	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618470	7038335	-138.623772	63.45366529		1057
1435773	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618495	7038336	-138.6232704	63.45366593		1048
1435774	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618520	7038335	-138.6227702	63.45364864		1038
1435775	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618520	7038335	-138.6227702	63.45364864	1435774	1037
1435776	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618546	7038341	-138.6222448	63.45369378		1029
1435777	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618571	7038336	-138.6217476	63.45364062		1016
1435778	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618595	7038336	-138.6212667	63.45363262		1009
1435779	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618621	7038339	-138.6207435	63.45365086		995
1435780	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618646	7038340	-138.6202418	63.45365149		986
1435781	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618671	7038335	-138.6197446	63.45359832		983
1435782	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618695	7038334	-138.6192645	63.45358135		982
1435783	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618720	7038339	-138.6187598	63.45361785		985
1435784	BHC	Simon Cash SC03	10/23/2016 0:00	07N	618745	7038336	-138.6182611	63.45358261		981
1435785	BHC	Simon Cash SC03	10/24/2016 0:00	07N	611121	7041147	-138.7690731	63.48125354		1017
1435786	BHC	Simon Cash SC03	10/24/2016 0:00	07N	611096	7041149	-138.7695732	63.48127929		1023
1435787	BHC	Simon Cash SC03	10/24/2016 0:00	07N	611072	7041149	-138.7700546	63.48128679		1028
1435788	BHC	Simon Cash SC03	10/24/2016 0:00	07N	611045	7041149	-138.7705962	63.48129522		1027
1435789	BHC	Simon Cash SC03	10/24/2016 0:00	07N	611020	7041147	-138.771099	63.4812851		1021
1435790	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610995	7041149	-138.7715991	63.48131084		1018
1435791	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610970	7041148	-138.7721012	63.48130968		1014
1435792	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610945	7041145	-138.7726048	63.48129058		1008
1435793	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610920	7041146	-138.7731055	63.48130735		1003
1435794	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610896	7041146	-138.7735869	63.48131483		998
1435795	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610869	7041146	-138.7741285	63.48132326		993



sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1435763	Auger	20	B	Pronounced Slope	Chocolate Brown	Willows	Sphagnum Moss <	Damp	Good	Sand
1435764	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Sand
1435765	Auger	40	B	Pronounced Slope	Chocolate Brown	Willows	Leaf Cover	Damp	Excellent	Clay
1435766	Auger	30	B	Steep	Chocolate Brown	Willows	Thin Moss Cover	Damp	Good	Sand
1435767	Auger	70	B	Steep	Chocolate Brown	Willows	Burnt Moss	Damp	Good	Clay
1435768	Auger	30	B	Steep	Chocolate Brown	Willows	Leaf Cover	Damp	Good	Sand
1435769	Auger	30	B	Steep	Chocolate Brown	Willows	Leaf Cover	Damp	Poor	Clay
1435770	Auger	30	B	Steep	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Sand
1435771	Auger	20	B	Steep	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Sand
1435772	Auger	10	B	Steep	Chocolate Brown	Old Burn	Burnt Moss	Dry	Poor	Sand
1435773	Auger	20	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Sand
1435774	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1435775	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1435776	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Sand
1435777	Auger	10	B	Steep	Chocolate Brown	Old Burn	Grass Cover	Damp	Poor	Sand
1435778	Auger	30	B	Steep	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Poor	Sand
1435779	Auger	30	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Poor	Sand
1435780	Auger	80	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Damp	Excellent	Sand
1435781	Auger	10	B	Steep	Chocolate Brown	Birch Forest	Leaf Cover	Damp	Poor	Sand
1435782	Auger	30	B	Steep	Reddish Yellow	Birch Forest	Leaf Cover	Damp	Good	Sand
1435783	Auger	30	B	Steep	Dark Brown	Birch Forest	Leaf Cover	Damp	Good	Clay
1435784	Auger	50	B	Steep	Reddish Yellow	Poplar	Leaf Cover	Damp	Good	Sand
1435785	Auger	10	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Sand
1435786	Auger	10	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Sand
1435787	Auger	20	B	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Clay
1435788	Auger	20	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Sand
1435789	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Sand
1435790	Auger	30	B	Pronounced Slope	Dark Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1435791	Auger	20	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1435792	Auger	30	B	Pronounced Slope	Dark Grey Black	Old Burn	Leaf Cover	Damp	Good	Clay
1435793	Auger	20	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Clay
1435794	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Clay
1435795	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Clay

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1435763	Clay	Partially Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	2.6	24.1
1435764	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	2.1	17.6
1435765				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.7	15.8
1435766	Clay	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.9	19
1435767	Partially Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.4	13.7
1435768	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	2	25.5
1435769	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.5	14.8
1435770	Frozen	Organic 50%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	2.1	16.7
1435771	Frozen	Organic 50%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.3	22.1
1435772	Frozen	Organic 50%	Small sample	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.8	18.4
1435773	Frozen	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.8	10.8
1435774	Clay	Frozen	10% organic	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.9	20.5
1435775	Clay	Frozen	Organic	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.6	21
1435776	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.9	16.3
1435777	Frozen	Organic 25%	Small sample	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.5	13.8
1435778	Frozen	Rocky Terrain	-sample small - 50	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.5	11.6
1435779	Frozen	Rocky Terrain	-large rock field co	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	-1	-1
1435780	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	3	23.4
1435781	Frozen	Organic 50%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.1	8.8
1435782				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.1	12.7
1435783				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.4	14.1
1435784				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.3	11.5
1435785	Frozen	Organic 50%	Small sample	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.7	8.8
1435786	Frozen	Organic 50%	Small Sample	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1	6
1435787	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.6	13
1435788	Frozen	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.3	20.4
1435789	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.5	10.9
1435790	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.5	10.5
1435791	Clay	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.2	12.9
1435792	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.2	12.7
1435793	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.3	6.4
1435794	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.5	14.7
1435795	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.1	17.5

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1435763	12.1	59	0.3	20.5	9.6	427	2.98	9	1.7	2.4	6.9	13	0.2	0.5	0.2	56	0.15	0.054	28
1435764	10.3	57	0.05	18.9	9.2	388	2.84	8.1	1.2	3	8.6	11	0.05	0.5	0.2	54	0.14	0.037	23
1435765	9.7	54	0.05	17.9	8.5	316	2.62	9.1	1	3.3	6.5	11	0.05	0.5	0.2	52	0.14	0.031	19
1435766	12.5	46	0.1	15.2	6.2	228	2.36	7.6	1.5	3.9	1.6	12	0.2	0.5	0.5	43	0.12	0.049	24
1435767	9.9	46	0.05	13.9	6.4	263	2.29	8	1.1	2.4	4.4	10	0.05	0.5	0.2	43	0.11	0.038	18
1435768	15.1	54	0.4	17.3	17.8	1793	2.45	6.5	1.8	1.8	0.8	14	0.3	0.3	0.2	49	0.15	0.07	35
1435769	10.4	42	0.2	13.1	6.3	360	2.04	5.9	1.2	0.25	0.3	20	0.6	0.3	0.2	42	0.21	0.089	31
1435770	11.6	76	0.3	17.7	12	1015	2.47	6.3	2.5	1.2	0.6	20	0.6	0.4	0.2	43	0.24	0.096	57
1435771	9.7	69	0.5	15.5	7.4	1052	1.37	2.2	1	0.25	0.05	29	1.7	0.2	0.1	29	0.46	0.101	15
1435772	13.2	48	0.7	13.1	4.9	216	1.9	3.9	1.3	4	0.5	22	1.1	0.4	0.4	37	0.21	0.059	30
1435773	9.4	60	0.5	10.6	4.2	151	1.17	3.4	1.1	0.25	0.3	23	1.6	0.3	0.2	27	0.21	0.084	26
1435774	14.1	49	0.7	11.4	5.1	399	2.01	4.7	2	3.5	1.9	18	0.4	0.3	0.2	40	0.18	0.071	37
1435775	13.5	64	0.7	9.6	3.9	467	1.71	3.6	2.2	0.25	0.5	20	0.5	0.3	0.2	32	0.25	0.058	34
1435776	12.9	40	0.3	12.2	4.8	165	2.42	6.2	1.9	2.2	4.1	11	0.2	0.4	0.2	49	0.11	0.029	58
1435777	6.6	74	0.6	8.9	3.3	1368	1.15	3.5	0.4	0.25	0.05	29	0.8	0.3	0.05	26	0.4	0.073	6
1435778	7.3	34	0.2	8.6	3	265	1.33	4.3	0.6	0.25	0.2	10	0.3	0.4	0.2	37	0.1	0.049	8
1435779	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
1435780	19.3	59	0.5	18.2	8.8	300	3.03	7.5	11.3	7.3	12.5	21	0.05	0.5	0.3	49	0.36	0.067	258
1435781	3.7	19	0.6	4.6	2.3	506	0.56	1.4	0.5	0.25	0.2	31	0.3	0.2	0.05	12	0.42	0.081	8
1435782	10.1	47	0.05	14.2	7.6	272	2.68	8.2	0.9	1.4	6.8	11	0.05	0.5	0.1	46	0.11	0.028	10
1435783	11.5	49	0.2	14	6.4	237	2.51	6.6	1.5	0.25	10.3	12	0.05	0.6	0.1	42	0.12	0.027	69
1435784	9.8	37	0.2	11.7	6.4	600	2.15	6.3	1	0.25	4.3	17	0.1	0.4	0.2	41	0.19	0.057	45
1435785	17.6	75	0.3	9.7	8.2	1672	2.5	7.1	0.5	2.2	0.8	14	0.5	0.5	0.2	53	0.16	0.074	7
1435786	11.5	27	0.3	6.1	3.1	374	1.39	3.5	0.4	0.8	0.6	8	0.05	0.2	0.3	43	0.07	0.052	9
1435787	15.5	60	0.05	15.7	8	321	3.19	10.7	0.9	0.25	5.6	8	0.1	0.6	0.2	68	0.09	0.047	11
1435788	12.3	60	0.05	22.2	10.7	360	3.2	9.3	1.1	1.7	7.4	10	0.1	0.7	0.2	62	0.11	0.035	13
1435789	13.4	45	0.1	15	7.2	257	2.51	6.8	1.4	0.25	6.4	13	0.1	0.4	0.3	53	0.17	0.034	28
1435790	17.6	49	0.05	14	6.9	229	3.47	11.1	0.8	2.4	8.6	10	0.05	0.6	0.4	68	0.11	0.047	14
1435791	15.5	77	0.05	20.2	11.7	464	3.48	6.2	1.9	0.25	24	16	0.05	0.5	0.8	53	0.33	0.074	58
1435792	13	28	0.1	8.6	2.7	115	1.35	3.2	2	0.5	0.6	21	0.2	0.2	0.4	28	0.26	0.041	67
1435793	11.4	36	0.05	9.5	4.2	138	2.32	9.7	0.8	1	6.4	11	0.05	0.4	0.4	61	0.13	0.026	20
1435794	14.6	63	0.05	19.5	9.3	321	2.93	8.4	1.6	1.7	7.9	16	0.1	0.5	0.9	50	0.25	0.063	36
1435795	12.8	57	0.05	17.6	9.1	307	2.72	8.3	1.9	5.9	12.5	16	0.05	0.5	0.4	51	0.21	0.024	44

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1435763	34	0.65	276	0.072	1	1.8	0.006	0.21	0.2	0.04	4.9	0.3	0.025	7	0.25	0.1
1435764	34	0.68	209	0.083	0	1.7	0.006	0.15	0.2	0.04	4.6	0.2	0.025	6	0.25	0.1
1435765	31	0.6	188	0.075	0	1.58	0.006	0.11	0.2	0.03	3.8	0.2	0.025	6	0.25	0.1
1435766	27	0.43	267	0.047	2	1.2	0.007	0.07	0.2	0.03	2.6	0.1	0.025	6	0.25	0.1
1435767	25	0.46	151	0.057	0	1.22	0.005	0.06	0.2	0.02	2.8	0.1	0.025	6	0.25	0.1
1435768	25	0.4	371	0.035	2	1.25	0.007	0.08	0.1	0.05	2	0.2	0.025	6	0.25	0.1
1435769	22	0.32	342	0.025	1	1.12	0.006	0.08	0.1	0.03	1.1	0.1	0.025	5	0.25	0.1
1435770	30	0.46	370	0.029	2	1.32	0.006	0.17	0.2	0.08	1.9	0.2	0.025	6	0.6	0.1
1435771	16	0.11	377	0.006	2	0.68	0.007	0.08	0.05	0.07	0.3	0.1	0.05	4	0.25	0.1
1435772	21	0.26	343	0.033	1	0.9	0.006	0.07	0.1	0.06	1.4	0.1	0.025	5	0.25	0.1
1435773	17	0.19	443	0.034	3	0.64	0.005	0.1	0.2	0.16	1.1	0.1	0.06	4	0.5	0.1
1435774	24	0.27	305	0.045	0	1.14	0.006	0.1	0.2	0.04	2.4	0.1	0.025	6	0.25	0.1
1435775	19	0.23	281	0.026	0	0.93	0.005	0.08	0.1	0.04	1.2	0.05	0.025	5	0.25	0.1
1435776	24	0.35	251	0.059	0	1.18	0.005	0.07	0.2	0.03	2.7	0.2	0.025	7	0.25	0.1
1435777	13	0.17	341	0.012	1	0.51	0.005	0.08	0.1	0.11	0.3	0.05	0.025	3	0.25	0.1
1435778	16	0.13	131	0.017	0	0.69	0.004	0.05	0.1	0.06	0.5	0.1	0.025	4	0.25	0.1
1435779	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
1435780	32	0.52	489	0.048	0	1.74	0.006	0.12	0.3	0.15	5.6	0.3	0.025	8	0.8	0.1
1435781	7	0.08	253	0.013	0	0.26	0.004	0.07	0.1	0.18	0.6	0.05	0.09	2	0.25	0.1
1435782	24	0.41	156	0.056	0	1.46	0.004	0.09	0.3	0.03	2.8	0.1	0.025	6	0.25	0.1
1435783	24	0.4	239	0.045	0	1.46	0.004	0.07	0.3	0.08	3	0.1	0.025	6	0.25	0.1
1435784	19	0.33	349	0.05	0	1.12	0.006	0.1	0.2	0.03	2.4	0.1	0.025	5	0.25	0.1
1435785	24	0.16	206	0.029	0	1.05	0.006	0.07	0.1	0.08	1.4	0.2	0.025	7	0.25	0.1
1435786	19	0.13	84	0.033	0	0.86	0.004	0.04	0.1	0.03	1.1	0.05	0.025	6	0.25	0.1
1435787	35	0.4	128	0.054	0	2.08	0.005	0.1	0.2	0.02	3.3	0.2	0.025	8	0.25	0.1
1435788	40	0.44	191	0.053	0	2.24	0.007	0.06	0.2	0.03	3.6	0.2	0.025	6	0.25	0.1
1435789	32	0.38	157	0.041	0	1.55	0.007	0.06	0.1	0.03	2.9	0.2	0.025	6	0.25	0.1
1435790	36	0.4	98	0.061	0	1.85	0.005	0.09	0.2	0.02	3.1	0.2	0.025	8	0.25	0.1
1435791	46	0.85	169	0.095	0	2.29	0.008	0.34	0.3	0.01	5.3	0.5	0.025	9	0.25	0.1
1435792	21	0.19	159	0.023	0	0.92	0.007	0.07	0.2	0.04	1.1	0.1	0.025	6	0.25	0.1
1435793	23	0.31	94	0.06	0	1.19	0.006	0.06	0.2	0.02	2.4	0.1	0.025	7	0.25	0.1
1435794	33	0.5	170	0.047	1	1.8	0.007	0.11	0.4	0.03	3.3	0.2	0.025	6	0.25	0.1
1435795	34	0.51	187	0.058	0	1.81	0.007	0.06	0.2	0.06	4.8	0.2	0.025	6	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1435796	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610846	7041147	-138.7745892	63.4813394		987
1435796	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610846	7041147	-138.7745892	63.4813394		987
1435797	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610820	7041146	-138.7751114	63.48133854		982
1435798	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610797	7041147	-138.775572	63.48135467		974
1435799	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610643	7041149	-138.7786596	63.48142058		933
1435800	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610643	7041149	-138.7786596	63.48142058	1435799	933
1435801	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610743	7041146	-138.7766559	63.48136253		962
1435802	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610720	7041147	-138.7771165	63.48137867		952
1435803	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610693	7041147	-138.7776581	63.48138707		946
1435804	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610669	7041150	-138.7781374	63.48142145		939
1435805	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610620	7041147	-138.7791224	63.4814098		931
1435806	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610595	7041143	-138.7796266	63.48138171		923
1435807	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610568	7041148	-138.7801647	63.48143495		917
1435808	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610545	7041149	-138.7806254	63.48145107		915
1435809	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610520	7041146	-138.7811289	63.48143194		914
1435810	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610494	7041148	-138.7816491	63.48145796		915
1435811	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610469	7041149	-138.7821498	63.48147469		914
1435812	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610445	7041147	-138.7826326	63.48146422		913
1435813	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610417	7041148	-138.7831936	63.48148188		912
1435814	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610394	7041149	-138.7836542	63.48149799		911
1435815	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610369	7041150	-138.784155	63.48151472		912
1435816	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610344	7041148	-138.7846579	63.48150455		912
1435817	BHC	Simon Cash SC03	10/24/2016 0:00	07N	610320	7041146	-138.7851407	63.48149406		910
1435826	BHC	Simon Cash SC03	10/25/2016 0:00	07N	613026	7039747	-138.7318581	63.46809823		903
1435827	BHC	Simon Cash SC03	10/25/2016 0:00	07N	613000	7039746	-138.7323801	63.46809752		896
1435828	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612977	7039747	-138.7328405	63.4681138		900
1435829	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612951	7039747	-138.7333617	63.46812206		896
1435830	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612926	7039750	-138.7338608	63.4681569		898
1435831	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612901	7039752	-138.7343606	63.46818277		894
1435832	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612876	7039747	-138.7348654	63.46814587		891
1435833	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612848	7039747	-138.7354267	63.46815475		891
1435834	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612825	7039749	-138.7358864	63.46817998		889
1435835	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612799	7039750	-138.736407	63.4681972		885

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_covr	sample_moisture	sample_quality	sample_texture
1435796	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Clay
1435796	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Clay
1435797	Auger	20	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Clay
1435798	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Clay
1435799	Auger	70	B	Pronounced Slope	Chocolate Brown	Old Burn	Sphagnum Moss < Damp		Good	Clay
1435800	Auger	70	B	Pronounced Slope	Chocolate Brown	Old Burn	Sphagnum Moss < Damp		Good	Clay
1435801	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Clay
1435802	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Clay
1435803	Auger	20	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Sand
1435804	Auger	10	A	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1435805	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Clay
1435806	Auger	70	B	Pronounced Slope	Chocolate Brown	Old Burn	Sphagnum Moss > Damp		Good	Clay
1435807	Auger	50	B	Pronounced Slope	Dark Grey Black	White Spruce	Sphagnum Moss > Damp		Good	Clay
1435808	Auger	20	B	Pronounced Slope	Chocolate Brown	White Spruce	Sphagnum Moss < Damp		Good	Clay
1435809	Auger	50	B	Pronounced Slope	Chocolate Brown	White Spruce	Sphagnum Moss > Damp		Good	Clay
1435810	Auger	60	B	Pronounced Slope	Chocolate Brown	White Spruce	Sphagnum Moss > Damp		Good	Clay
1435811	Auger	70	C	Steep	Chocolate Brown	White Spruce	Sphagnum Moss > Damp		Good	Clay
1435812	Auger	70	B	Steep	Chocolate Brown	White Spruce	Sphagnum Moss > Damp		Good	Clay
1435813	Auger	40	B	Steep	Chocolate Brown	White Spruce	Sphagnum Moss > Damp		Good	Clay
1435814	Auger	40	B	Steep	Chocolate Brown	White Spruce	Sphagnum Moss > Damp		Good	Clay
1435815	Auger	60	B	Steep	Dark Grey Black	White Spruce	Sphagnum Moss > Damp		Good	Clay
1435816	Auger	60	B	Steep	Chocolate Brown	White Spruce	Sphagnum Moss > Damp		Poor	Clay
1435817	Auger	40	B	Steep	Chocolate Brown	White Spruce	Sphagnum Moss > Damp		Poor	Clay
1435826	Auger	30	B	Pronounced Slope	Chocolate Brown	White Spruce	Leaf Cover	Damp	Good	Sand
1435827	Auger	30	B	Pronounced Slope	Chocolate Brown	White Spruce	Sphagnum Moss > Dry		Good	Sand
1435828	Auger	20	B	Pronounced Slope	Chocolate Brown	White Spruce	Sphagnum Moss < Damp		Good	Sand
1435829	Auger	20	B	Pronounced Slope	Chocolate Brown	White Spruce	Sphagnum Moss > Damp		Good	Sand
1435830	Auger	20	B	Pronounced Slope	Chocolate Brown	White Spruce	Sphagnum Moss < Damp		Good	Sand
1435831	Auger	20	B	Pronounced Slope	Chocolate Brown	White Spruce	Leaf Cover	Damp	Good	Sand
1435832	Auger	30	B	Pronounced Slope	Chocolate Brown	White Spruce	Sphagnum Moss < Damp		Good	Sand
1435833	Auger	20	B	Pronounced Slope	Chocolate Brown	White Spruce	Leaf Cover	Damp	Good	Sand
1435834	Auger	30	B	Pronounced Slope	Chocolate Brown	White Spruce	Reindeer Moss	Damp	Good	Sand
1435835	Auger	50	B	Pronounced Slope	Chocolate Brown	White Spruce	Leaf Cover	Damp	Good	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1435796	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.4	10.4
1435796	Frozen			REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.5	11.1
1435797	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.2	9.9
1435798	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.3	11.8
1435799	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.1	13.3
1435800	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.1	12.8
1435801	Frozen	Organic 50%	Small sample	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	2	18.3
1435802	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1	8.7
1435803	Small Sample	Organic 50%	Frozen	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	2	19.6
1435804	Frozen	Small Sample	70% organic	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.4	13.5
1435805	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.7	11.3
1435806	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1	10.7
1435807	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	9.7
1435808	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1	13.2
1435809	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	17.3
1435810	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	13.5
1435811	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	12.5
1435812	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	15.9
1435813	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	11.9
1435814	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	10.8
1435815	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	14.6
1435816	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	12.8
1435817	Frozen		Snowing... Sample	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	14.9
1435826	Fine	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.4	16.7
1435827	Fine	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.5	9.7
1435828				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.2	13.8
1435829	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.9	12.7
1435830	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.7	25.7
1435831				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.1	33.8
1435832	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1	28.6
1435833				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.6	41.2
1435834	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	52.3
1435835	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1	19.9

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1435796	13.1	49	0.2	13	5.8	211	2.52	7.7	1.2	1.3	5.6	14	0.1	0.4	0.5	50	0.19	0.042	25
1435796	13.3	50	0.2	13.1	6	212	2.53	8.3	1.2	0.25	5.6	15	0.1	0.4	0.4	50	0.19	0.046	26
1435797	13.5	35	0.2	9.6	4	126	1.64	4.8	1.4	1.9	4	13	0.1	0.3	0.4	40	0.15	0.028	38
1435798	13.7	54	0.05	16.1	7.5	256	2.57	7.4	1.5	4.8	11.3	17	0.05	0.4	0.3	52	0.23	0.037	31
1435799	16.1	70	0.05	15	8.5	341	2.72	4.8	3.4	3.2	20.6	18	0.2	0.5	0.5	42	0.37	0.058	64
1435800	17.1	70	0.05	14.8	8.4	332	2.67	4.6	3.2	5.2	19.5	18	0.1	0.5	0.6	42	0.38	0.058	63
1435801	33.6	68	0.4	19.4	8.4	470	2.49	4.8	2.7	4.3	10.9	23	0.3	0.3	0.6	40	0.45	0.075	64
1435802	11.6	58	0.05	13.2	6.6	276	2.43	5.9	1.2	2.7	7.8	15	0.1	0.4	0.3	46	0.28	0.037	26
1435803	23.6	87	0.3	21	9.3	395	3.26	7	3.3	0.25	11.9	23	0.3	0.5	0.5	59	0.38	0.051	77
1435804	18.3	60	0.3	12.3	4.6	280	1.77	2.7	4.3	2.6	3	30	0.4	0.6	0.4	26	0.52	0.08	94
1435805	20.6	66	0.1	17.2	7.8	312	2.67	5.3	2.4	2.2	14.9	21	0.1	0.5	0.5	47	0.44	0.051	43
1435806	18.9	77	0.2	14.2	9.9	412	2.79	4.1	6.1	1.1	18.5	21	0.05	0.5	0.4	39	0.44	0.083	76
1435807	14.2	58	0.1	12.4	8.9	316	2.1	5.4	3.9	1.4	6.6	23	0.05	0.6	0.3	39	0.41	0.062	30
1435808	15	49	0.3	11.3	4.9	200	1.86	4.9	4.2	3	3.8	28	0.2	0.6	0.8	24	0.51	0.092	29
1435809	13.1	57	0.1	18.3	8.2	198	2.21	5.1	1.9	5.7	5.6	23	0.2	0.3	0.3	33	0.25	0.046	27
1435810	10.1	54	0.05	17.1	7	142	2.29	4.2	1.4	2.8	4.5	20	0.05	0.2	0.3	38	0.19	0.043	19
1435811	8.4	51	0.05	16.4	6.6	145	1.87	3.5	1.1	6.8	4.6	19	0.1	0.2	0.2	29	0.2	0.038	19
1435812	10.7	61	0.05	20	8	175	2.29	4.1	1.1	8	4.8	17	0.1	0.3	0.3	37	0.19	0.038	18
1435813	8.8	54	0.05	17.8	7.5	177	2.07	4.5	1	4.3	5.4	14	0.05	0.2	0.2	41	0.18	0.033	18
1435814	7.7	51	0.05	16.3	6.9	167	1.9	3.8	1.1	6.6	5.2	14	0.05	0.2	0.2	33	0.17	0.036	19
1435815	12.5	59	0.2	17.6	12.1	411	2.54	4.1	2	5.4	6.4	19	0.1	0.3	0.3	46	0.22	0.051	30
1435816	10.7	84	0.2	13	11.4	388	4.06	3.2	2.4	4.4	11.2	24	0.05	0.1	0.2	86	0.36	0.101	39
1435817	8.9	84	0.1	14.2	12.4	404	4.13	3.1	2.1	1.9	11	20	0.05	0.2	0.2	92	0.33	0.093	40
1435826	11.3	52	0.1	13.6	7.1	313	2.63	9.8	1.3	1.5	8.6	17	0.05	1	0.3	61	0.21	0.03	21
1435827	12.8	48	0.2	11.9	8.2	387	2.61	14.1	0.7	6.3	5.8	13	0.05	0.7	0.2	54	0.17	0.042	15
1435828	126.4	30	0.3	9.3	3.5	126	1.55	13.4	1.8	10	6.4	13	0.1	0.9	0.6	38	0.13	0.027	24
1435829	43	40	0.3	9.5	6.4	314	2.03	11.4	2.5	12.2	14.7	13	0.05	1.2	0.7	36	0.11	0.026	27
1435830	23.1	65	0.2	19.3	7.5	273	2.68	35.1	2.1	5.3	9.5	12	0.05	1.8	0.3	47	0.1	0.026	27
1435831	16.7	82	0.2	40.6	17	853	3.61	9.8	1	2.6	7.5	17	0.1	0.6	0.3	56	0.17	0.026	18
1435832	18.1	62	0.2	23	10.3	339	3.03	13.4	1.8	5.2	11.3	12	0.05	0.8	0.2	45	0.11	0.013	25
1435833	23.6	85	0.5	45.7	39.2	2774	3.69	21.3	5.4	1.5	7.7	16	0.2	1.9	0.3	55	0.15	0.044	26
1435834	19.4	93	0.05	44.5	16.6	926	4.04	13.8	3.2	11.4	17.8	13	0.05	0.6	0.4	43	0.14	0.024	57
1435835	15.1	54	0.05	18.5	7.9	298	2.66	13.3	2.1	2.8	9.8	16	0.05	1	0.2	45	0.16	0.017	24



sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1435796	26	0.4	141	0.055	0	1.46	0.007	0.09	0.3	0.04	2.9	0.2	0.025	7	0.25	0.1
1435796	25	0.4	146	0.056	0	1.46	0.007	0.09	0.3	0.03	2.9	0.2	0.025	7	0.25	0.1
1435797	21	0.26	116	0.059	0	1.05	0.007	0.09	0.3	0.04	2.4	0.1	0.025	6	0.25	0.1
1435798	33	0.51	176	0.068	2	1.71	0.008	0.08	0.2	0.03	3.4	0.2	0.025	6	0.25	0.1
1435799	32	0.55	176	0.074	1	1.56	0.009	0.19	0.5	0.06	4.3	0.2	0.025	6	0.25	0.1
1435800	31	0.54	167	0.074	0	1.55	0.008	0.19	0.6	0.07	4.2	0.2	0.025	6	0.25	0.1
1435801	38	0.49	216	0.054	2	1.6	0.007	0.18	0.4	0.07	3.8	0.2	0.025	7	0.25	0.1
1435802	28	0.49	133	0.058	1	1.47	0.007	0.08	0.5	0.04	2.8	0.1	0.025	6	0.25	0.1
1435803	39	0.62	247	0.069	2	2.17	0.009	0.14	0.5	0.07	4.3	0.2	0.025	9	0.5	0.1
1435804	23	0.28	210	0.032	3	1.11	0.007	0.15	0.6	0.14	2.6	0.2	0.06	5	0.25	0.1
1435805	36	0.54	204	0.076	1	1.7	0.009	0.18	0.8	0.04	3.7	0.2	0.025	7	0.25	0.1
1435806	34	0.55	212	0.049	1	1.87	0.009	0.19	0.5	0.16	6.1	0.3	0.025	7	0.25	0.1
1435807	26	0.38	228	0.032	2	1.31	0.012	0.05	0.2	0.17	3.4	0.1	0.025	5	0.25	0.1
1435808	22	0.3	247	0.021	2	1.11	0.012	0.06	0.3	0.27	3.4	0.1	0.08	4	0.25	0.1
1435809	28	0.47	165	0.082	0	1.55	0.007	0.2	0.1	0.03	3.5	0.3	0.025	6	0.25	0.1
1435810	31	0.43	138	0.095	1	1.72	0.008	0.19	0.1	0.05	3.3	0.2	0.025	6	0.25	0.1
1435811	26	0.41	123	0.091	0	1.46	0.008	0.13	0.2	0.04	3.1	0.2	0.025	5	0.25	0.1
1435812	30	0.51	187	0.102	1	1.7	0.009	0.15	0.2	0.04	3.5	0.2	0.025	6	0.25	0.1
1435813	26	0.45	130	0.092	0	1.48	0.008	0.13	0.2	0.06	2.8	0.2	0.025	5	0.25	0.1
1435814	25	0.42	111	0.088	0	1.32	0.007	0.13	0.2	0.03	2.6	0.2	0.025	5	0.25	0.1
1435815	34	0.58	181	0.1	0	1.92	0.009	0.23	0.2	0.04	4.4	0.3	0.025	7	0.25	0.1
1435816	31	0.92	185	0.194	0	2.66	0.008	0.91	0.1	0.03	8.3	0.5	0.025	11	0.25	0.1
1435817	31	0.94	192	0.216	0	2.62	0.009	0.95	0.1	0.02	8.4	0.5	0.025	11	0.25	0.1
1435826	29	0.41	273	0.051	0	1.74	0.008	0.08	0.3	0.03	4.2	0.3	0.025	7	0.25	0.1
1435827	24	0.37	144	0.048	0	1.41	0.006	0.08	0.2	0.03	2.7	0.2	0.025	6	0.25	0.1
1435828	17	0.23	143	0.036	0	1.06	0.005	0.06	0.2	0.03	2.4	0.2	0.025	5	0.25	0.1
1435829	19	0.27	158	0.032	1	1.25	0.004	0.12	0.1	0.04	2.8	0.3	0.025	5	0.25	0.1
1435830	31	0.45	143	0.063	0	1.58	0.004	0.27	0.05	0.03	3.8	0.6	0.025	6	0.25	0.1
1435831	39	0.68	271	0.108	0	2.1	0.007	0.34	0.1	0.02	4.3	0.3	0.025	7	0.25	0.1
1435832	32	0.55	153	0.087	0	1.73	0.006	0.29	0.05	0.03	4.3	0.3	0.025	6	0.25	0.1
1435833	34	0.68	213	0.111	0	1.96	0.006	0.57	0.1	0.04	4.2	0.5	0.025	7	0.25	0.1
1435834	47	0.84	183	0.112	0	2.23	0.005	0.68	0.05	0.04	5.9	0.5	0.025	8	0.25	0.1
1435835	30	0.45	181	0.056	0	1.69	0.006	0.11	0.1	0.04	4	0.2	0.025	5	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1435836	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612771	7039749	-138.7369691	63.46819711		878
1435837	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612749	7039748	-138.7374109	63.46819512		878
1435838	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612725	7039748	-138.737892	63.46820272		872
1435839	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612699	7039750	-138.7384119	63.4682289		868
1435840	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612675	7039750	-138.738893	63.4682365		865
1435841	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612649	7039749	-138.739415	63.46823577		867
1435842	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612625	7039748	-138.7398969	63.4682344		863
1435843	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612600	7039751	-138.740396	63.46826922		861
1435844	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612576	7039747	-138.74088	63.46824095		861
1435845	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612551	7039747	-138.7413812	63.46824886		859
1435846	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612525	7039746	-138.7419032	63.46824812		855
1435846	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612525	7039746	-138.7419032	63.46824812		855
1435847	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612500	7039747	-138.7424037	63.46826499		850
1435848	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612474	7039747	-138.742925	63.46827322		846
1435849	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612425	7039743	-138.7439102	63.46825284		832
1435850	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612425	7039743	-138.7439102	63.46825284	1435849	832
1435851	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612450	7039748	-138.7434054	63.46828977		840
1435852	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612400	7039748	-138.7444079	63.46830558		831
1435853	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612374	7039749	-138.7449284	63.46832276		826
1435854	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612349	7039748	-138.7454304	63.46832169		825
1435855	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612325	7039747	-138.7459123	63.4683203		823
1435856	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612299	7039745	-138.7464349	63.46831058		818
1435857	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612273	7039749	-138.7469534	63.46835466		813
1435858	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612250	7039748	-138.7474152	63.46835295		809
1435859	BHC	Simon Cash SC03	10/25/2016 0:00	07N	612224	7039748	-138.7479365	63.46836115		808
1436001	BHC	Mark Severinsen M	10/20/2016 0:00	07N	611622	7038028	-138.7612122	63.4531259		978
1436002	BHC	Mark Severinsen M	10/20/2016 0:00	07n	611647	7038029	-138.7607105	63.45312703		964
1436002	BHC	Mark Severinsen M	10/20/2016 0:00	07n	611647	7038029	-138.7607105	63.45312703		964
1436003	BHC	Mark Severinsen M	10/20/2016 0:00	07N	611671	7038029	-138.7602296	63.4531195		942
1436004	BHC	Mark Severinsen M	10/20/2016 0:00	07N	611698	7038028	-138.7596892	63.45310206		946
1436005	BHC	Mark Severinsen M	10/20/2016 0:00	07N	611721	7038028	-138.7592283	63.45309484		938
1436006	BHC	Mark Severinsen M	10/20/2016 0:00	07N	611747	7038030	-138.7587059	63.45310461		937
1436007	BHC	Mark Severinsen M	10/20/2016 0:00	07N	611771	7038029	-138.7582257	63.45308811		940

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1435836	Auger	30	B	Pronounced Slope	Chocolate Brown	White Spruce	Leaf Cover	Damp	Good	Sand
1435837	Auger	20	C	Pronounced Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Damp	Good	Clay
1435838	Auger	60	C	Pronounced Slope	Chocolate Brown	White Spruce	Reindeer Moss	Damp	Good	Sand
1435839	Auger	50	C	Pronounced Slope	Chocolate Brown	White Spruce	Leaf Cover	Damp	Good	Clay
1435840	Auger	50	B	Pronounced Slope	Chocolate Brown	White Spruce	Sphagnum Moss <	Damp	Good	Sand
1435841	Auger	40	B	Pronounced Slope	Chocolate Brown	White Spruce	Leaf Cover	Damp	Good	Sand
1435842	Auger	20	B	Pronounced Slope	Chocolate Brown	White Spruce	Leaf Cover	Damp	Good	Sand
1435843	Auger	70	B	Pronounced Slope	Chocolate Brown	White Spruce	Leaf Cover	Damp	Good	Sand
1435844	Auger	20	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Clay
1435845	Auger	30	C	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Sand
1435846	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1435846	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1435847	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Clay
1435848	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Clay
1435849	Auger	80	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Excellent	Clay
1435850	Auger	80	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Excellent	Clay
1435851	Hands	0	B	Subtle Slope	Light Brown	Old Burn	Bare Soil	Dry	Good	Clay
1435852	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Clay
1435853	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Clay
1435854	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Clay
1435855	Auger	70	B	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Clay
1435856	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Clay
1435857	Auger	20	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Sand
1435858	Mattock	20	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1435859	Mattock	20	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Clay
1436001	Auger	60	C	Steep	Chocolate Brown	Old Burn	Leaf Cover	Dry	Good	Sand
1436002	Auger	60	C	Steep	Reddish Brown	Old Burn	Grass Cover	Dry	Good	Gravel
1436002	Auger	60	C	Steep	Reddish Brown	Old Burn	Grass Cover	Dry	Good	Gravel
1436003	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436004	Auger	70	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Good	Silt
1436005	Auger	60	C	Pronounced Slope	Reddish Yellow	Dwarf Birch	Thin Moss Cover	Dry	Good	Silt
1436006	Auger	50	C	Pronounced Slope	Reddish Yellow	Dwarf Birch	Leaf Cover	Dry	Good	Sand
1436007	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Dry	Good	Gravel

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1435836	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.5	30.3
1435837	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1	19
1435838	Partially Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.1	15.4
1435839	Partially Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.1	37.6
1435840				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1	24.8
1435841	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.9	17.2
1435842	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.2	10.2
1435843	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1	20.8
1435844		Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.6	20.4
1435845	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	26.1
1435846	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.2	15.3
1435846	Frozen			REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.2	15.8
1435847	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.4	28.4
1435848				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.3	21.8
1435849	Mud			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1	35.3
1435850	Mud			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1	37
1435851	Frozen	Fine	Sample taken from	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.1	21.6
1435852	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	33.3
1435853				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.9	24
1435854	Partially Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.7	28.4
1435855	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1	35.7
1435856	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1	28
1435857	Frozen	Organic 10%	Small sample	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.8	25.1
1435858	Coarse	Rocky Sample	Used Mattock as C	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	24.6
1435859	Frozen	Rocky Sample	-Quartz chips -5%	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.1	14.2
1436001	Coarse	Partially Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	80.3
1436002	Coarse	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	127.5
1436002	Coarse	Rocky Sample		REP	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	127.7
1436003	Coarse	Sandy	Rocky	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	109.2
1436004	Clay	Fine		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	21.4
1436005	Coarse	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	117.2
1436006	Coarse	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	71.7
1436007	Rocky Sample	Coarse		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	1.3	53.8

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1435836	27.4	66	0.2	20.8	9.2	441	3.06	17.4	3.4	6.5	14.5	15	0.05	1	0.4	43	0.15	0.023	38
1435837	23.9	53	0.1	15.8	8.5	291	2.73	11.1	2.3	6.3	16.7	16	0.05	0.9	0.3	40	0.19	0.021	39
1435838	23.2	48	0.4	13.4	6.8	287	2.36	10	2.5	7.1	14.9	16	0.05	1	0.4	36	0.2	0.034	34
1435839	23.1	87	0.2	33.2	14.6	637	3.91	10.6	2.9	5.3	16.1	14	0.05	0.8	0.4	40	0.17	0.034	38
1435840	23.7	58	0.1	22.1	9.9	444	2.81	10.9	3.6	6.8	18.5	16	0.05	0.9	0.3	35	0.17	0.025	45
1435841	23.6	37	0.3	12.1	4.7	213	2.08	7.2	2.7	7.4	16	20	0.05	0.7	0.3	34	0.26	0.026	38
1435842	17.1	38	0.05	11	6	267	2.13	16.2	2.7	1	11	12	0.05	0.9	0.2	37	0.11	0.025	33
1435843	16.5	56	0.05	20.2	9.4	309	3	10.4	2.4	1.2	12.6	15	0.05	0.8	0.2	46	0.14	0.017	32
1435844	22.9	42	0.3	18.4	27.9	1635	3	8.2	1	0.25	3.8	18	0.1	0.3	0.3	54	0.18	0.048	17
1435845	16.2	58	0.05	23	9.9	369	2.95	5.2	2.1	0.9	11.1	14	0.05	0.3	0.3	39	0.16	0.025	36
1435846	13.4	45	0.1	15.4	10.1	414	2.71	8.5	1.7	0.8	5.7	15	0.05	0.4	0.2	50	0.15	0.025	16
1435846	14	44	0.1	15.8	10.3	420	2.78	8.8	1.7	0.6	5.7	16	0.05	0.4	0.3	50	0.16	0.025	17
1435847	26.5	61	0.2	25.8	12.5	501	3.52	7.7	3.2	8	12.6	13	0.05	0.6	0.3	47	0.12	0.019	30
1435848	23.9	53	0.2	21.2	10.1	311	2.91	8	3.2	12.7	10.1	15	0.05	0.6	0.3	49	0.14	0.014	26
1435849	16.2	67	0.1	27.6	10.5	383	3.43	4.9	2.2	8.9	13.2	14	0.05	0.4	0.4	38	0.16	0.024	38
1435850	15.4	67	0.05	27.4	10.4	353	3.42	4.4	2.1	8	13.6	13	0.05	0.4	0.4	37	0.16	0.02	39
1435851	14.7	58	0.05	22.3	9.8	512	3.1	7.9	1.3	2.3	8.3	14	0.05	0.6	0.3	52	0.16	0.028	15
1435852	18.6	82	0.2	32.1	13.9	641	3.91	6.3	3.6	1.9	17.2	18	0.05	0.4	0.4	39	0.22	0.038	61
1435853	16.5	58	0.05	20.9	8.9	407	2.79	8.1	2.2	3.9	15.6	17	0.05	0.6	0.4	38	0.17	0.022	41
1435854	10.7	63	0.05	22.9	7.9	355	2.56	7.4	1.5	6.8	8.9	24	0.1	0.6	0.2	41	0.33	0.066	25
1435855	13.2	72	0.05	29.8	10.5	328	3.3	7.8	3.7	4.3	14.2	19	0.05	0.5	0.3	44	0.23	0.02	42
1435856	15.1	63	0.05	25.2	12.1	375	3.22	7.3	1.8	1.8	11.5	14	0.05	0.5	0.3	44	0.15	0.02	31
1435857	17.1	58	0.3	20.9	9.4	412	2.86	7.8	1.6	0.9	3.9	22	0.2	0.3	0.3	40	0.2	0.045	18
1435858	17.9	68	0.05	27.6	11.5	211	3.25	4.7	0.9	0.8	10	12	0.05	0.2	0.2	43	0.16	0.031	19
1435859	13.4	51	0.05	18.5	8.6	264	2.68	8.7	0.8	1	5.7	14	0.05	0.5	0.2	49	0.15	0.026	14
1436001	5.5	36	0.05	78.4	19.5	189	2.67	16.7	0.9	5.5	5.4	99	0.05	0.2	0.05	66	0.95	0.095	15
1436002	5.2	26	0.05	200.9	39.2	170	2.83	15.8	0.4	4.9	4.3	42	0.05	0.3	0.1	40	0.36	0.016	8
1436002	5.1	23	0.05	201.3	39.1	170	2.78	16.1	0.4	2.7	4.1	41	0.05	0.3	0.05	40	0.36	0.017	8
1436003	5.1	26	0.05	183.5	38	228	2.46	22.2	0.6	9.1	3	37	0.05	0.4	0.2	38	0.44	0.034	11
1436004	6.7	34	0.05	28.6	9.3	176	1.98	8.5	0.5	5.6	3	24	0.05	0.5	0.2	44	0.26	0.024	11
1436005	3.9	33	0.05	269.5	54.2	336	3.87	11.9	0.6	4.9	4.2	32	0.05	0.4	0.05	50	0.41	0.032	14
1436006	4.6	24	0.05	138.8	23.6	164	2.09	5.8	0.6	3.2	3	42	0.05	0.2	0.05	44	0.43	0.047	7
1436007	6.3	131	0.05	65.2	14	138	2.62	12.2	1.1	3.8	2.4	49	0.3	0.4	0.05	132	0.53	0.09	11

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1435836	29	0.52	173	0.071	0	1.86	0.007	0.25	0.05	0.06	5.6	0.3	0.025	7	0.25	0.1
1435837	29	0.49	151	0.057	0	1.78	0.006	0.19	0.1	0.04	4.7	0.3	0.025	6	0.25	0.1
1435838	24	0.41	127	0.05	0	1.53	0.007	0.19	0.2	0.06	3.7	0.3	0.025	6	0.25	0.1
1435839	35	0.68	159	0.103	0	2.05	0.005	0.64	0.05	0.05	4.9	0.4	0.025	7	0.25	0.1
1435840	27	0.42	135	0.056	0	1.49	0.006	0.25	0.05	0.05	4.5	0.2	0.025	5	0.25	0.1
1435841	23	0.38	139	0.042	0	1.36	0.006	0.11	0.1	0.05	3.4	0.1	0.025	5	0.25	0.1
1435842	22	0.27	118	0.033	1	1.2	0.005	0.1	0.1	0.03	2.6	0.2	0.025	5	0.25	0.1
1435843	32	0.43	163	0.051	0	1.8	0.006	0.14	0.1	0.03	4.1	0.2	0.025	6	0.25	0.1
1435844	29	0.33	255	0.05	0	1.6	0.012	0.15	0.05	0.02	2.8	0.1	0.025	6	0.25	0.1
1435845	29	0.47	153	0.08	0	1.6	0.006	0.33	0.05	0.03	3.6	0.3	0.025	5	0.25	0.1
1435846	29	0.4	163	0.05	0	1.59	0.007	0.09	0.1	0.02	2.9	0.1	0.025	5	0.25	0.1
1435846	31	0.41	168	0.053	0	1.59	0.007	0.09	0.1	0.03	3	0.1	0.025	5	0.25	0.1
1435847	34	0.45	156	0.069	0	1.92	0.006	0.24	0.05	0.05	4.5	0.3	0.025	6	0.25	0.1
1435848	32	0.46	174	0.058	0	1.73	0.008	0.11	0.1	0.04	4.6	0.1	0.025	5	0.25	0.1
1435849	27	0.39	132	0.05	0	1.39	0.006	0.19	0.05	0.04	4.2	0.2	0.025	5	0.25	0.1
1435850	26	0.39	120	0.047	0	1.36	0.006	0.19	0.05	0.03	4.3	0.2	0.025	4	0.25	0.1
1435851	31	0.49	147	0.059	0	1.96	0.006	0.14	0.2	0.02	3.5	0.2	0.025	6	0.25	0.1
1435852	34	0.56	201	0.083	0	1.87	0.005	0.47	0.05	0.06	5.7	0.4	0.025	6	0.25	0.1
1435853	29	0.47	160	0.071	1	1.53	0.007	0.26	0.1	0.04	4	0.2	0.025	5	0.25	0.1
1435854	27	0.48	191	0.065	1	1.23	0.013	0.2	0.2	0.04	4.4	0.2	0.025	4	0.25	0.1
1435855	34	0.58	240	0.094	0	1.77	0.009	0.26	0.1	0.04	5.7	0.2	0.025	6	0.25	0.1
1435856	32	0.57	194	0.091	0	1.83	0.008	0.22	0.1	0.03	4.1	0.2	0.025	6	0.25	0.1
1435857	29	0.44	240	0.053	0	1.65	0.008	0.23	0.05	0.01	2.8	0.2	0.025	6	0.25	0.1
1435858	33	0.7	177	0.103	0	2.04	0.007	0.42	0.05	0.005	3.1	0.3	0.025	7	0.25	0.1
1435859	31	0.48	155	0.065	1	1.75	0.007	0.13	0.1	0.03	2.9	0.1	0.025	5	0.25	0.1
1436001	42	1.17	312	0.144	0	3.56	0.116	0.08	0.05	0.01	4.7	0.05	0.025	8	0.25	0.1
1436002	194	0.8	172	0.05	2	2.26	0.018	0.02	0.1	0.005	5.2	0.05	0.025	5	0.25	0.1
1436002	192	0.8	169	0.05	0	2.23	0.018	0.02	0.1	0.005	5.3	0.05	0.025	4	0.25	0.1
1436003	142	0.95	276	0.069	0	1.8	0.028	0.02	0.1	0.01	4.1	0.05	0.025	4	0.25	0.1
1436004	30	0.47	228	0.05	2	1.65	0.011	0.03	0.2	0.005	3.2	0.05	0.025	4	0.25	0.1
1436005	199	2.53	320	0.107	0	1.9	0.022	0.02	0.05	0.005	5.2	0.05	0.025	5	0.25	0.1
1436006	196	0.92	406	0.095	0	2.19	0.023	0.04	0.1	0.005	3.3	0.05	0.025	5	0.25	0.1
1436007	88	0.89	416	0.077	1	2.21	0.011	0.04	0.05	0.01	4.6	0.05	0.025	6	0.7	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1436008	BHC	Mark Severinsen	10/20/2016 0:00	07N	611822	7038028	-138.7572045	63.45306312		926
1436009	BHC	Mark Severinsen	10/22/2016 0:00	07n	612422	7038930	-138.7445447	63.46096302		849
1436010	BHC	Mark Severinsen	10/22/2016 0:00	07N	612397	7038931	-138.7450451	63.46097988		859
1436011	BHC	Mark Severinsen	10/22/2016 0:00	07N	612373	7038931	-138.7455261	63.46098746		866
1436012	BHC	Mark Severinsen	10/22/2016 0:00	07n	612349	7038932	-138.7460065	63.46100401		877
1436013	BHC	Mark Severinsen	10/22/2016 0:00	07N	612321	7038931	-138.7465684	63.46100388		860
1436014	BHC	Mark Severinsen	10/22/2016 0:00	07N	612298	7038930	-138.7470301	63.46100218		880
1436015	BHC	Mark Severinsen	10/22/2016 0:00	07N	612272	7038931	-138.7475505	63.46101935		912
1436016	BHC	Mark Severinsen	10/22/2016 0:00	07N	612246	7038929	-138.7480731	63.46100962		887
1436017	BHC	Mark Severinsen	10/22/2016 0:00	07N	612222	7038931	-138.7485527	63.46103512		883
1436018	BHC	Mark Severinsen	10/22/2016 0:00	07n	612198	7038931	-138.7490338	63.46104269		889
1436019	BHC	Mark Severinsen	10/22/2016 0:00	07N	612173	7038931	-138.7495349	63.46105058		889
1436020	BHC	Mark Severinsen	10/22/2016 0:00	07N	612147	7038931	-138.750056	63.46105877		846
1436021	BHC	Mark Severinsen	10/22/2016 0:00	07N	612072	7038932	-138.7515586	63.46109137		938
1436022	BHC	Mark Severinsen	10/22/2016 0:00	07N	612047	7038931	-138.7520604	63.46109028		934
1436023	BHC	Mark Severinsen	10/22/2016 0:00	07n	612022	7038931	-138.7525615	63.46109815		912
1436026	BHC	Mark Severinsen	10/19/2016 0:00	07n	612348	7037928	-138.7467349	63.45200069		877
1436027	BHC	Mark Severinsen	10/19/2016 0:00	07N	612323	7037930	-138.7472344	63.45202652		899
1436028	BHC	Mark Severinsen	10/19/2016 0:00	07N	612297	7037929	-138.7477561	63.45202576		900
1436029	BHC	Mark Severinsen	10/19/2016 0:00	07N	612272	7037928	-138.7482577	63.45202468		901
1436030	BHC	Mark Severinsen	10/19/2016 0:00	07N	612246	7037930	-138.7487773	63.45205081		901
1436031	BHC	Mark Severinsen	10/19/2016 0:00	07N	612221	7037928	-138.7492796	63.45204076		911
1436032	BHC	Mark Severinsen	10/19/2016 0:00	07N	612197	7037929	-138.7497598	63.45205729		906
1436033	BHC	Mark Severinsen	10/19/2016 0:00	07N	612173	7037929	-138.7502407	63.45206486		885
1436034	BHC	Mark Severinsen	10/19/2016 0:00	07N	612146	7037920	-138.7507881	63.45199266		882
1436035	BHC	Mark Severinsen	10/19/2016 0:00	07N	612122	7037928	-138.7512634	63.45207196		870
1436035	BHC	Mark Severinsen	10/19/2016 0:00	07N	612122	7037928	-138.7512634	63.45207196		870
1436036	BHC	Mark Severinsen	10/19/2016 0:00	07N	612096	7037928	-138.7517843	63.45208015		898
1436037	BHC	Mark Severinsen	10/19/2016 0:00	07N	612072	7037928	-138.7522652	63.45208771		894
1436038	BHC	Mark Severinsen	10/19/2016 0:00	07N	612048	7037928	-138.7527461	63.45209526		896
1436039	BHC	Mark Severinsen	10/19/2016 0:00	07N	612020	7037928	-138.7533072	63.45210408		868
1436040	BHC	Mark Severinsen	10/19/2016 0:00	07n	611997	7037929	-138.7537674	63.45212028		880
1436041	BHC	Mark Severinsen	10/19/2016 0:00	07N	611971	7037928	-138.754289	63.4521195		922

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1436008	Hands	20	B	Pronounced Slope	Light Brown	Dwarf Birch	Grass Cover	Dry	Poor	Sand
1436009	Auger	50	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Dry	Good	Silt
1436010	Auger	80	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Damp	Good	Silt
1436011	Auger	60	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Damp	Good	Silt
1436012	Auger	60	B	Pronounced Slope	Chocolate Brown	Alders	Leaf Cover	Dry	Good	Silt
1436013	Auger	70	C	Pronounced Slope	Chocolate Brown	Alders	Grass Cover	Wet	Good	Silt
1436014	Auger	100	C	Pronounced Slope	Chocolate Brown	Alders	Grass Cover	Damp	Good	Silt
1436015	Auger	60	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Damp	Good	Silt
1436016	Auger	80	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Damp	Good	Silt
1436017	Auger	80	C	Pronounced Slope	Chocolate Brown	Alders	Grass Cover	Damp	Good	Silt
1436018	Auger	70	C	Pronounced Slope	Chocolate Brown	Poplar	Grass Cover	Damp	Good	Silt
1436019	Auger	50	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Leaf Cover	Damp	Good	Silt
1436020	Auger	60	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Leaf Cover	Dry	Good	Silt
1436021	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Dry	Poor	Silt
1436022	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Dry	Poor	Silt
1436023	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Leaf Cover	Dry	Poor	Silt
1436026	Auger	80	C	Pronounced Slope	Greyish Green	Old Burn	Thin Moss Cover	Dry	Good	Silt
1436027	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1436028	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Excellent	Silt
1436029	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Excellent	Sand
1436030	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1436031	Auger	40	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436032	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Good	Silt
1436033	Auger	70	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Dry	Good	Silt
1436034	Auger	70	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Silt
1436035	Auger	60	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Damp	Good	Silt
1436035	Auger	60	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Damp	Good	Silt
1436036	Auger	80	C	Subtle Slope	Reddish Yellow	Old Burn	Burnt Moss	Dry	Excellent	Silt
1436037	Auger	70	C	Subtle Slope	Chocolate Brown	White Spruce	Sphagnum Moss <	Damp	Good	Silt
1436038	Auger	60	B	Subtle Slope	Dark Brown	Alders	Sphagnum Moss <	Damp	Poor	Silt
1436039	Auger	80	B	Subtle Slope	Chocolate Brown	White Spruce	Sphagnum Moss <	Wet	Good	Sand
1436040	Auger	80	B	Subtle Slope	Dark Brown	White Spruce	Sphagnum Moss <	Wet	Good	Silt
1436041	Auger	60	B	Subtle Slope	Dark Brown	White Spruce	Grass Cover	Damp	Good	Silt



sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1436008	Frozen	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	23.2
1436009	Fine	Partially Frozen		SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	16.9
1436010	Coarse	Sandy		SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	21.2
1436011	Coarse	Sandy		SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	15.8
1436012	Frozen	Organic 10%		SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	18.3
1436013	Mud	Partially Frozen		SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	22.2
1436014	Fine	Sandy	Micah	SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	24.1
1436015	Fine	Wet Soil		SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	20.8
1436016	Mud	Sandy		SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	21.2
1436017	Mud	Partially Frozen		SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	24.6
1436018	Coarse	Sandy		SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	17.7
1436019	Coarse	Sandy	Rocky	SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	22.2
1436020	Sandy	Coarse		SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.3	22.6
1436021	Organic 10%	Sandy		SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	27.2
1436022	Frozen	Small Sample		SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.7	23.2
1436023	Fine	Small Sample	Frozen	SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	23.6
1436026	Coarse	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.1	59.9
1436027	Coarse	Sandy	Rocky	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.2	91.8
1436028	Sandy	Coarse	Micah	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	80.3
1436029	Coarse	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.1	85.2
1436030	Coarse	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.05	69.6
1436031	Coarse	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.2	47.2
1436032	Coarse	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	40.2
1436033	Clay	Fine		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	29.7
1436034	Fine	Clay		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	33.3
1436035	Fine	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	45.8
1436035	Fine	Sandy		REP	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	46.6
1436036	Coarse	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	1.6	98.4
1436037	Fine	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	28.6
1436038	Mud	Organic 10%		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	34.7
1436039	Mud	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	40.7
1436040	Frozen	Mud		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	33.7
1436041	Mud	Partially Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	36.5

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1436008	6.1	37	0.05	23.3	10	201	2.04	9.4	0.5	2.5	3	28	0.05	0.6	0.1	46	0.25	0.014	10
1436009	6.9	48	0.05	23.2	9.5	274	2.25	4.9	1.1	1.3	4.5	43	0.05	0.2	0.1	50	0.53	0.042	15
1436010	7.9	53	0.1	25.3	12.3	367	2.45	5.1	1.7	3.2	6	44	0.05	0.2	0.1	51	0.59	0.066	21
1436011	7.4	46	0.05	24.6	10	246	2.21	4.4	1.1	1.6	4.8	41	0.05	0.2	0.1	47	0.51	0.056	14
1436012	6.2	44	0.05	26.5	9.4	210	2.06	4.2	1.1	2.2	3.4	45	0.05	0.2	0.1	45	0.52	0.046	12
1436013	7.5	50	0.05	30.4	13.4	330	2.29	5.2	1.3	2.3	3.8	54	0.1	0.3	0.1	49	0.58	0.059	16
1436014	7.9	49	0.05	30.1	14.1	370	2.37	6.1	1.3	4	3.9	72	0.05	0.3	0.1	52	0.61	0.061	16
1436015	6.4	45	0.05	24.2	12.8	330	2.27	4.7	1.2	5.5	4.9	67	0.05	0.2	0.1	49	0.59	0.069	15
1436016	7.9	48	0.1	26.5	10.7	213	2.27	5.1	1	3	3.3	63	0.05	0.3	0.1	52	0.54	0.056	13
1436017	7	44	0.05	28.8	10.9	212	2.11	6.1	1	3.6	3.2	64	0.05	0.3	0.1	44	0.57	0.063	12
1436018	5.7	50	0.05	29.7	11.7	240	2.42	5.2	0.8	2.3	4.5	55	0.05	0.2	0.1	52	0.55	0.065	11
1436019	5.4	40	0.05	33	12.1	203	2.15	5.5	0.7	2.5	3.3	57	0.05	0.2	0.05	45	0.54	0.051	10
1436020	4.8	40	0.05	32.8	11.9	197	2.13	6.1	0.6	2.4	3.3	70	0.05	0.2	0.05	44	0.57	0.064	12
1436021	6.4	44	0.1	33.3	13.5	488	2.01	5.8	0.9	3.8	2.6	65	0.1	0.4	0.1	44	0.63	0.056	10
1436022	7.3	44	0.1	30.2	11.2	217	2.13	6.5	0.8	4.7	2.5	42	0.05	0.4	0.2	48	0.46	0.061	10
1436023	5.6	39	0.1	28.3	10.1	230	1.79	7.6	0.6	3.3	1.6	49	0.2	0.3	0.1	40	0.53	0.052	7
1436026	2.1	27	0.05	259.8	30.5	225	2.22	21.4	0.3	3.4	2.7	31	0.05	0.2	0.05	34	0.56	0.062	9
1436027	4	30	0.05	162.9	31.8	306	2.33	4.5	0.4	9.7	2.2	131	0.05	0.2	0.05	40	0.92	0.087	9
1436028	3.6	65	0.05	344.8	34.7	237	3.62	8.2	0.3	9.7	0.8	144	0.05	0.2	0.2	104	1.56	0.323	8
1436029	3.9	20	0.05	236.7	31.5	214	1.83	4.2	0.3	1.9	2.5	183	0.05	0.1	0.05	25	1.41	0.026	4
1436030	9.2	30	0.05	206.3	32.2	318	2.94	2.3	0.3	10.3	2.4	92	0.05	0.1	0.1	49	0.59	0.019	9
1436031	4.6	25	0.05	64.8	16.4	166	1.95	3.9	0.3	1.1	1.8	60	0.05	0.1	0.05	47	0.67	0.103	6
1436032	7.3	52	0.05	52.3	14.7	417	2.4	7.3	0.4	9.3	2.8	59	0.2	0.4	0.1	53	0.49	0.042	10
1436033	8.8	61	0.1	27.1	10.2	476	2.27	11.7	0.6	1.2	3.8	71	0.3	0.8	0.2	39	2.13	0.086	14
1436034	10.9	61	0.1	29.3	11.6	526	2.51	11.5	0.8	2.5	3.7	41	0.2	0.7	0.2	44	0.6	0.076	15
1436035	8.9	49	0.1	56.2	14.1	292	2.4	8	0.8	3.4	3.6	46	0.1	0.6	0.1	48	0.68	0.049	15
1436035	8.8	47	0.1	54.2	13.6	283	2.32	7.9	0.8	4.6	3.4	46	0.1	0.6	0.1	46	0.67	0.051	15
1436036	7	167	0.3	47.5	16.5	542	4.08	16.9	1.3	13	5.6	69	0.4	0.2	0.05	181	0.54	0.067	24
1436037	6.1	34	0.05	39.5	11.5	219	1.9	6.7	0.7	11.6	3.5	62	0.05	0.3	0.05	44	0.67	0.082	11
1436038	5.4	37	0.05	34	12.6	272	2.13	5.9	0.8	4.9	2.5	88	0.1	0.4	0.05	49	0.89	0.098	12
1436039	10.5	48	0.1	35.1	15.7	368	2.52	10.3	0.9	3.4	3.5	61	0.1	0.5	0.1	56	0.69	0.062	12
1436040	8.1	39	0.1	27.5	12.1	343	2.26	8.5	1.1	4.2	3.1	67	0.1	0.5	0.1	49	0.73	0.047	12
1436041	8.5	42	0.1	32	14.5	387	2.3	10.1	1.3	3.8	3.2	58	0.1	0.5	0.1	50	0.71	0.052	13

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1436008	38	0.56	229	0.045	0	1.94	0.009	0.03	0.1	0.005	3.3	0.05	0.025	5	0.25	0.1
1436009	55	0.79	293	0.094	1	1.85	0.021	0.1	0.1	0.02	3.3	0.1	0.025	6	0.25	0.1
1436010	55	0.81	309	0.085	1	2.06	0.024	0.14	0.2	0.03	3.9	0.2	0.025	6	0.25	0.1
1436011	55	0.75	281	0.086	0	1.89	0.023	0.09	0.2	0.03	3.4	0.1	0.025	6	0.25	0.1
1436012	54	0.76	282	0.074	1	1.87	0.018	0.09	0.1	0.03	3.3	0.1	0.025	5	0.25	0.1
1436013	57	0.83	350	0.076	0	2.1	0.023	0.08	0.2	0.03	3.6	0.1	0.025	6	0.25	0.1
1436014	52	0.85	356	0.071	0	2.18	0.026	0.07	0.2	0.02	3.8	0.1	0.025	5	0.25	0.1
1436015	47	0.78	329	0.081	0	2.06	0.033	0.16	0.2	0.02	3.6	0.1	0.025	6	0.25	0.1
1436016	51	0.81	329	0.078	0	2.14	0.026	0.13	0.2	0.02	3.2	0.1	0.025	6	0.25	0.1
1436017	56	0.76	319	0.065	0	1.97	0.025	0.05	0.3	0.03	3.3	0.05	0.025	5	0.25	0.1
1436018	61	1.02	290	0.106	0	2.01	0.022	0.16	0.1	0.01	3.5	0.2	0.025	6	0.25	0.1
1436019	62	0.97	296	0.08	0	1.87	0.025	0.06	0.1	0.02	2.9	0.05	0.025	5	0.25	0.1
1436020	69	0.91	313	0.087	0	1.86	0.028	0.11	0.2	0.005	3.2	0.1	0.025	5	0.25	0.1
1436021	50	0.74	377	0.063	0	2.11	0.03	0.08	0.3	0.05	3.1	0.05	0.025	5	0.25	0.1
1436022	43	0.63	281	0.057	0	2.15	0.022	0.04	0.2	0.03	2.7	0.05	0.025	5	0.25	0.1
1436023	54	0.77	257	0.067	1	1.66	0.022	0.06	0.1	0.03	2.3	0.05	0.025	5	0.25	0.1
1436026	254	2.34	353	0.102	2	1.94	0.01	0.11	0.05	0.005	2.5	0.1	0.025	4	0.25	0.1
1436027	165	1.42	367	0.068	0	2.43	0.077	0.03	0.05	0.02	4	0.05	0.025	6	0.25	0.1
1436028	124	2.67	877	0.165	1	3.74	0.092	0.11	0.05	0.02	3.7	0.1	0.025	12	0.25	0.1
1436029	94	1.03	779	0.04	0	5.07	0.162	0.03	0.05	0.005	3	0.05	0.025	8	0.7	0.1
1436030	352	2.87	397	0.189	3	3.02	0.027	0.04	0.05	0.01	1.6	0.05	0.025	7	0.25	0.1
1436031	69	0.97	331	0.103	0	2.38	0.028	0.03	0.05	0.005	3.5	0.05	0.025	5	0.25	0.1
1436032	71	0.77	340	0.063	0	2.07	0.023	0.04	0.05	0.01	4.4	0.05	0.025	5	0.25	0.1
1436033	24	0.76	345	0.062	3	1.04	0.026	0.06	0.2	0.03	3.7	0.05	0.025	3	0.25	0.1
1436034	28	0.54	372	0.054	2	1.38	0.022	0.05	0.2	0.03	4.1	0.05	0.025	4	0.25	0.1
1436035	98	0.83	315	0.073	0	1.86	0.021	0.04	0.2	0.02	5.3	0.05	0.025	5	0.25	0.1
1436035	98	0.83	295	0.072	1	1.81	0.021	0.04	0.2	0.03	5.2	0.05	0.025	5	0.25	0.1
1436036	79	1.64	758	0.148	0	2.98	0.021	0.68	0.1	0.02	13.5	0.4	0.09	10	1.1	0.1
1436037	68	0.73	291	0.073	1	1.68	0.034	0.03	0.3	0.01	3.9	0.05	0.025	4	0.25	0.1
1436038	55	0.75	340	0.059	0	2.03	0.023	0.03	0.1	0.03	5.2	0.05	0.025	6	0.25	0.1
1436039	42	0.64	364	0.053	1	2.3	0.026	0.04	0.1	0.04	5.1	0.05	0.025	5	0.25	0.1
1436040	43	0.6	381	0.058	1	2.2	0.023	0.03	0.1	0.04	4.7	0.05	0.025	5	0.25	0.1
1436041	40	0.58	384	0.054	1	2.09	0.025	0.04	0.2	0.04	4.8	0.05	0.025	5	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1436042	BHC	Mark Severinsen	10/19/2016 0:00	07N	611950	7037928	-138.7547098	63.4521261		890
1436051	BHC	Mark Severinsen	10/20/2016 0:00	07n	611044	7038027	-138.7727952	63.45329774		876
1436052	BHC	Mark Severinsen	10/20/2016 0:00	07N	611072	7038027	-138.7722341	63.45328901		901
1436053	BHC	Mark Severinsen	10/20/2016 0:00	07n	611096	7038027	-138.7717532	63.45328152		855
1436054	BHC	Mark Severinsen	10/20/2016 0:00	07N	611120	7038028	-138.7712715	63.45328299		911
1436055	BHC	Mark Severinsen	10/20/2016 0:00	07N	611146	7038026	-138.7707519	63.45325694		925
1436056	BHC	Mark Severinsen	10/20/2016 0:00	07N	611172	7038027	-138.7702302	63.45325778		938
1436057	BHC	Mark Severinsen	10/20/2016 0:00	07N	611195	7038027	-138.7697693	63.4532506		935
1436058	BHC	Mark Severinsen	10/20/2016 0:00	07N	611220	7038029	-138.769267	63.45326072		950
1436059	BHC	Mark Severinsen	10/20/2016 0:00	07N	611247	7038028	-138.7687266	63.45324332		936
1436060	BHC	Mark Severinsen	10/20/2016 0:00	07n	611270	7038028	-138.7682657	63.45323613		894
1436061	BHC	Mark Severinsen	10/20/2016 0:00	07N	611295	7038028	-138.7677648	63.45322831		960
1436062	BHC	Mark Severinsen	10/20/2016 0:00	07N	611321	7038028	-138.7672438	63.45322018		950
1436063	BHC	Mark Severinsen	10/20/2016 0:00	07N	611345	7038027	-138.7667635	63.4532037		965
1436064	BHC	Mark Severinsen	10/20/2016 0:00	07N	611371	7038028	-138.7662418	63.45320454		973
1436065	BHC	Mark Severinsen	10/20/2016 0:00	07N	611396	7038028	-138.7657409	63.45319671		967
1436066	BHC	Mark Severinsen	10/20/2016 0:00	07N	611422	7038027	-138.7652206	63.4531796		1014
1436067	BHC	Mark Severinsen	10/20/2016 0:00	07N	611447	7038028	-138.7647189	63.45318075		980
1436068	BHC	Mark Severinsen	10/20/2016 0:00	07n	611470	7038028	-138.764258	63.45317354		912
1436069	BHC	Mark Severinsen	10/20/2016 0:00	07N	611496	7038029	-138.7637363	63.45317437		987
1436070	BHC	Mark Severinsen	10/20/2016 0:00	07N	611523	7038028	-138.763196	63.45315694		983
1436071	BHC	Mark Severinsen	10/20/2016 0:00	07N	611545	7038029	-138.7627544	63.45315901		997
1436072	BHC	Mark Severinsen	10/20/2016 0:00	07N	611571	7038028	-138.7622341	63.45314189		996
1436072	BHC	Mark Severinsen	10/20/2016 0:00	07N	611571	7038028	-138.7622341	63.45314189		996
1436073	BHC	Mark Severinsen	10/20/2016 0:00	07n	611595	7038030	-138.7617518	63.45315231		972
1436074	BHC	Mark Severinsen	10/20/2016 0:00	07N	611796	7038029	-138.7577248	63.45308026		945
1436075	BHC	Mark Severinsen	10/20/2016 0:00	07N	611796	7038029	-138.7577248	63.45308026	1436074	935
1436076	BHC	Mark Severinsen	10/22/2016 0:00	07N	611996	7038932	-138.753082	63.4611153		932
1436077	BHC	Mark Severinsen	10/22/2016 0:00	07N	611971	7038931	-138.7535838	63.46111421		944
1436078	BHC	Mark Severinsen	10/22/2016 0:00	07n	611947	7038931	-138.7540648	63.46112176		921
1436079	BHC	Mark Severinsen	10/22/2016 0:00	07N	611921	7038932	-138.7545853	63.46113891		938
1436080	BHC	Mark Severinsen	10/22/2016 0:00	07N	611897	7038931	-138.755067	63.46113749		954
1436081	BHC	Mark Severinsen	10/22/2016 0:00	07N	611846	7038930	-138.75609	63.46114456		957

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1436042	Auger	60	B	Subtle Slope	Chocolate Brown	White Spruce	Grass Cover	Damp	Good	Silt
1436051	Auger	20	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Sand
1436052	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1436053	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1436054	Auger	20	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1436055	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Gravel
1436056	Auger	50	C	Steep	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1436057	Auger	40	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1436058	Auger	80	C	Pronounced Slope	Bluish Grey	Old Burn	Grass Cover	Dry	Excellent	Silt
1436059	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436060	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Silt
1436061	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1436062	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Poor	Silt
1436063	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436064	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Excellent	Silt
1436065	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Excellent	Silt
1436066	Auger	80	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Excellent	Sand
1436067	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Sand
1436068	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Sand
1436069	Auger	40	C	Subtle Slope	Reddish Yellow	Old Burn	Leaf Cover	Dry	Excellent	Gravel
1436070	Auger	50	C	Subtle Slope	Bluish Grey	Old Burn	Thin Moss Cover	Dry	Excellent	Gravel
1436071	Auger	20	B	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Good	Sand
1436072	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Excellent	Gravel
1436072	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Excellent	Gravel
1436073	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Good	Silt
1436074	Auger	80	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Leaf Cover	Dry	Excellent	Sand
1436075	Auger	70	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Leaf Cover	Dry	Excellent	Sand
1436076	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Leaf Cover	Dry	Good	Silt
1436077	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Dry	Poor	Silt
1436078	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Leaf Cover	Dry	Poor	Silt
1436079	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Leaf Cover	Dry	Poor	Silt
1436080	Auger	50	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Dry	Good	Silt
1436081	Auger	50	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Silt

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1436042	Frozen	Organic 10%		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	33.6
1436051	Coarse	Organic 10%		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	32.4
1436052	Coarse	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	61.6
1436053	Fine	Clay		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	23.3
1436054	Frozen	Small Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	20.7
1436055	Coarse	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	38.4
1436056	Coarse	Rocky Sample	Tacky texture	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.9	84.8
1436057	Fine	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	77.9
1436058	Coarse	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.05	76.7
1436059	Coarse	Sandy	Micah	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.2	67.6
1436060	Coarse	Rocky Sample	Sandy	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	91.8
1436061	Coarse	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	45.3
1436062	Frozen	Small Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	57.4
1436063	Fine	Sandy	Partially frozen	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.2	193.1
1436064	Coarse	Sandy	Micah	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	261.9
1436065	Coarse	Sandy	Rocky	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.2	159.7
1436066	Coarse	Sandy	Micah	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.1	47.9
1436067	Coarse	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.2	24.7
1436068	Coarse	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	60.5
1436069	Coarse	Sandy	Rocky, partially fro	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	101.6
1436070	Coarse	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.2	109.5
1436071	Coarse	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	36
1436072	Coarse	Sandy	Rocky	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	188
1436072	Coarse	Sandy	Rocky	REP	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	191.7
1436073	Coarse	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.2	105.5
1436074	Coarse	Rocky Sample	Micah	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.2	48.7
1436075	Coarse	Rocky Sample	Micah	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.2	52.6
1436076	Frozen	Sandy		SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	21.5
1436077	Frozen	Small Sample		SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.9	23.2
1436078	Frozen	Organic 10%		SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1	17.7
1436079	Frozen	Organic 10%		SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.9	20.4
1436080	Fine	Sandy		SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.3	23.3
1436081	Fine	Sandy		SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.2	32.2

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1436042	10.7	40	0.1	28.1	14	435	2.41	10.9	1.1	4.6	3.1	62	0.05	0.5	0.1	51	0.65	0.04	13
1436051	4.9	30	0.1	67.8	14.6	177	2.34	11.2	0.3	9	1.2	16	0.05	0.3	0.1	46	0.18	0.02	7
1436052	5.4	33	0.05	118.6	23.8	179	2.43	11.2	0.4	1.4	2.1	21	0.05	0.4	0.1	39	0.26	0.033	8
1436053	8.8	39	0.05	47.8	21.1	494	2.49	9.9	0.8	1.6	3.3	27	0.05	0.5	0.2	47	0.33	0.024	13
1436054	7.1	37	0.05	53.6	17.3	256	2.34	10.5	0.5	1.4	2.2	24	0.1	0.4	0.1	41	0.28	0.028	11
1436055	9.1	36	0.05	145.3	37.4	416	3.68	14.2	0.4	2.4	2.1	19	0.05	0.5	0.1	41	0.23	0.021	10
1436056	10.9	43	0.05	204.2	38.4	433	3.68	25.6	0.7	5.9	3.7	27	0.05	0.6	0.1	51	0.35	0.022	14
1436057	7.6	43	0.05	216.9	38.2	427	3.54	16.4	0.6	3.2	3	22	0.05	0.5	0.1	44	0.22	0.018	12
1436058	2.2	35	0.05	596.5	98.3	869	5.65	45.5	0.4	5.9	1.3	15	0.05	0.3	0.05	22	0.22	0.045	5
1436059	3.1	41	0.05	475.9	79.4	769	5.49	15.4	0.5	2.4	2.4	24	0.05	0.3	0.05	21	0.23	0.036	6
1436060	8.1	43	0.05	226.7	36.4	529	3.48	14.9	0.7	3.8	3.5	28	0.05	0.5	0.1	45	0.29	0.029	12
1436061	6.8	36	0.05	184.6	37.1	383	3.46	14.7	0.7	3	3.1	17	0.05	0.4	0.1	42	0.18	0.019	11
1436062	7.1	54	0.2	93.7	23.3	528	2.64	18.8	0.9	1.7	2.5	39	0.1	0.4	0.1	44	0.63	0.029	11
1436063	4.1	45	0.2	671.1	123.4	1087	6.42	20.8	0.6	5.7	2.4	15	0.05	0.2	0.05	33	0.22	0.039	6
1436064	4.9	41	0.2	458	106	646	5.73	17	0.5	7.3	2.1	16	0.05	0.3	0.1	30	0.27	0.036	5
1436065	4.4	34	0.1	620.8	97.4	903	5.18	17.9	0.7	5.1	2.8	11	0.05	0.3	0.05	30	0.23	0.043	7
1436066	3.2	30	0.05	553.6	130.2	902	6.33	4.4	0.8	0.5	2.4	13	0.05	0.05	0.05	22	0.23	0.071	5
1436067	7.4	38	0.05	154	28.5	364	2.81	6	0.6	1.2	2.9	17	0.05	0.2	0.1	41	0.21	0.03	11
1436068	4.9	34	0.05	425.8	84.6	798	5.02	8.7	0.6	0.8	2.1	14	0.05	0.2	0.05	32	0.23	0.034	6
1436069	6.9	32	0.1	167.1	39.3	209	2.92	25.3	0.4	5	2.3	94	0.05	0.3	0.1	48	0.48	0.025	7
1436070	5.1	34	0.05	365.5	58.8	438	3.01	34.8	0.2	12.9	5.1	26	0.05	0.1	0.1	44	0.33	0.013	7
1436071	7.2	36	0.1	80.5	28	784	2.51	13.2	0.3	1.8	1.7	51	0.05	0.3	0.1	56	0.28	0.028	7
1436072	3.2	21	0.2	413.4	85	204	3.32	15.5	0.4	1.8	3.6	44	0.05	0.2	0.05	37	0.48	0.014	5
1436072	3.1	22	0.2	418.3	84.7	205	3.35	16.1	0.4	2.8	3.8	44	0.05	0.2	0.05	37	0.49	0.014	5
1436073	2.7	31	0.05	1075.9	64.4	351	3.97	13.5	0.4	2.3	3.6	16	0.05	0.3	0.1	33	0.27	0.011	10
1436074	4.2	32	0.05	57	26.1	238	2.53	7.6	0.7	1.4	3.7	75	0.05	0.2	0.05	58	0.6	0.086	10
1436075	3.8	31	0.05	51.6	25.2	233	2.42	9.4	0.5	2.4	3	66	0.05	0.2	0.05	54	0.54	0.075	9
1436076	7.4	45	0.05	24.5	10.7	208	2.28	6.5	1	5.2	3.2	52	0.05	0.4	0.1	49	0.53	0.067	12
1436077	6.3	39	0.1	31.8	12.6	274	2.24	5.6	0.8	3.1	2.6	51	0.1	0.3	0.05	48	0.58	0.064	10
1436078	7.2	38	0.05	24.7	13.7	310	1.98	5.6	0.8	8	2.2	47	0.05	0.3	0.1	47	0.5	0.064	11
1436079	5.6	36	0.05	37.2	12.4	236	2.03	4.7	0.7	1.5	3.1	51	0.05	0.2	0.05	48	0.55	0.072	11
1436080	5.1	39	0.05	35.3	11.4	191	2.14	3.7	0.8	3.3	3.4	61	0.05	0.2	0.05	48	0.63	0.082	12
1436081	4.5	37	0.05	46.8	14.3	214	1.96	3.6	0.7	4	2.6	124	0.05	0.2	0.05	45	0.87	0.088	11

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1436042	36	0.54	384	0.049	2	2	0.021	0.04	0.2	0.05	4.7	0.05	0.025	5	0.25	0.1
1436051	78	0.69	132	0.041	0	1.03	0.008	0.04	0.1	0.02	2.5	0.05	0.025	4	0.25	0.1
1436052	86	0.87	227	0.045	0	1.31	0.012	0.04	0.1	0.01	3	0.05	0.025	4	0.25	0.1
1436053	52	0.72	349	0.045	0	1.5	0.013	0.04	0.1	0.02	3.6	0.05	0.025	4	0.25	0.1
1436054	59	0.8	310	0.036	0	1.34	0.01	0.05	0.2	0.02	2.8	0.05	0.025	4	0.25	0.1
1436055	120	2	254	0.033	0	1.43	0.009	0.03	0.1	0.02	3.9	0.05	0.025	4	0.25	0.1
1436056	156	1.42	318	0.059	0	1.97	0.017	0.05	0.2	0.03	6.8	0.05	0.025	4	0.25	0.1
1436057	145	1.98	358	0.04	0	1.51	0.011	0.04	0.1	0.03	4.8	0.05	0.025	4	0.25	0.1
1436058	395	7.69	203	0.024	1	1.02	0.007	0.01	0.05	0.01	2.3	0.2	0.025	2	0.25	0.1
1436059	319	7.34	145	0.035	2	1.22	0.016	0.02	0.05	0.01	3.3	0.05	0.025	2	0.25	0.1
1436060	179	2.17	374	0.043	0	1.67	0.015	0.04	0.1	0.04	4.9	0.05	0.025	4	0.25	0.1
1436061	150	2.12	307	0.042	0	1.48	0.009	0.03	0.05	0.02	3.7	0.05	0.025	4	0.25	0.1
1436062	69	0.96	350	0.042	1	1.66	0.017	0.03	0.2	0.03	5	0.05	0.025	4	0.25	0.1
1436063	431	8.24	276	0.033	7	1.59	0.012	0.02	0.05	0.02	5.3	0.1	0.025	3	0.25	0.1
1436064	222	4.39	235	0.038	2	1.08	0.015	0.02	0.05	0.01	3.7	0.1	0.025	3	0.25	0.1
1436065	363	5.83	311	0.028	1	1.15	0.009	0.02	0.05	0.03	4.6	0.2	0.025	3	0.25	0.1
1436066	386	11.29	139	0.03	2	1.39	0.018	0.01	0.05	0.005	3.2	0.05	0.025	2	0.25	0.1
1436067	135	1.88	294	0.045	0	1.38	0.013	0.04	0.05	0.01	3.6	0.05	0.025	4	0.25	0.1
1436068	271	7.16	214	0.034	0	1.22	0.015	0.03	0.05	0.005	3.5	0.05	0.025	3	0.25	0.1
1436069	111	1.21	497	0.041	0	3.84	0.03	0.04	0.2	0.02	4.4	0.05	0.025	8	0.25	0.1
1436070	330	2.94	144	0.053	0	2.92	0.016	0.02	0.05	0.005	5	0.05	0.025	8	0.25	0.1
1436071	165	0.98	268	0.055	0	2.06	0.009	0.03	0.1	0.02	2.5	0.05	0.025	6	0.25	0.1
1436072	239	1.17	231	0.05	0	3.13	0.028	0.02	0.05	0.005	3.7	0.05	0.025	5	0.6	0.1
1436072	248	1.19	237	0.049	0	3.18	0.029	0.02	0.05	0.005	3.9	0.05	0.025	5	0.5	0.1
1436073	215	3.15	59	0.065	0	1.77	0.007	0.01	0.05	0.005	4.5	0.05	0.025	4	0.25	0.1
1436074	121	1.23	338	0.11	0	2.44	0.018	0.09	0.05	0.005	4.1	0.05	0.025	5	0.25	0.1
1436075	95	1.06	249	0.078	0	2.16	0.014	0.04	0.05	0.005	4.3	0.05	0.025	5	0.25	0.1
1436076	46	0.71	295	0.067	0	1.97	0.024	0.05	0.2	0.04	3.2	0.05	0.025	5	0.25	0.1
1436077	60	0.87	262	0.077	0	1.9	0.028	0.06	0.1	0.03	3.3	0.05	0.025	5	0.25	0.1
1436078	48	0.63	276	0.062	1	1.86	0.027	0.05	0.1	0.03	2.7	0.1	0.025	5	0.25	0.1
1436079	88	0.9	332	0.089	0	1.92	0.033	0.12	0.2	0.02	2.9	0.1	0.025	5	0.25	0.1
1436080	77	0.9	347	0.095	0	2.12	0.03	0.14	0.2	0.01	3.4	0.1	0.025	5	0.25	0.1
1436081	106	1.01	290	0.064	0	2.12	0.034	0.1	0.1	0.01	4.2	0.05	0.025	5	0.25	0.1



sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1436082	BHC	Mark Severinsen	10/22/2016 0:00	07N	611822	7038931	-138.7565703	63.46116107		945
1436083	BHC	Mark Severinsen	10/22/2016 0:00	07N	611796	7038932	-138.7570908	63.46117821		957
1436084	BHC	Mark Severinsen	10/22/2016 0:00	07N	611745	7038931	-138.7581137	63.46118526		961
1436085	BHC	Mark Severinsen	10/22/2016 0:00	07N	611721	7038931	-138.7585948	63.4611928		943
1436086	BHC	Mark Severinsen	10/22/2016 0:00	07N	611696	7038931	-138.7590959	63.46120065		966
1436087	BHC	Mark Severinsen	10/22/2016 0:00	07N	611670	7038931	-138.759617	63.46120881		955
1436101	BHC	Mark Severinsen	10/23/2016 0:00	07N	618519	7038035	-138.6230134	63.45095888		1103
1436102	BHC	Mark Severinsen	10/23/2016 0:00	07N	618544	7038036	-138.6225118	63.45095952		1081
1436103	BHC	Mark Severinsen	10/23/2016 0:00	07N	618569	7038035	-138.6220117	63.45094223		1072
1436103	BHC	Mark Severinsen	10/23/2016 0:00	07N	618569	7038035	-138.6220117	63.45094223		1072
1436104	BHC	Mark Severinsen	10/23/2016 0:00	07N	618593	7038036	-138.6215301	63.4509432		1078
1436105	BHC	Mark Severinsen	10/23/2016 0:00	07N	618619	7038037	-138.6210084	63.4509435		1046
1436106	BHC	Mark Severinsen	10/23/2016 0:00	07N	618644	7038035	-138.6205091	63.45091724		1057
1436107	BHC	Mark Severinsen	10/23/2016 0:00	07N	618666	7038036	-138.6200675	63.45091887		1033
1436108	BHC	Mark Severinsen	10/23/2016 0:00	07N	618744	7038036	-138.6185048	63.45089286		1017
1436109	BHC	Mark Severinsen	10/24/2016 0:00	07n	611120	7041048	-138.7691624	63.48036603		1031
1436110	BHC	Mark Severinsen	10/24/2016 0:00	07N	611093	7041045	-138.769706	63.48034757		1063
1436111	BHC	Mark Severinsen	10/24/2016 0:00	07N	611072	7041049	-138.7701245	63.48039		1054
1436112	BHC	Mark Severinsen	10/24/2016 0:00	07n	611046	7041048	-138.7706467	63.48038916		1034
1436112	BHC	Mark Severinsen	10/24/2016 0:00	07n	611046	7041048	-138.7706467	63.48038916		1034
1436113	BHC	Mark Severinsen	10/24/2016 0:00	07N	611019	7041048	-138.7711882	63.48039759		1032
1436114	BHC	Mark Severinsen	10/24/2016 0:00	07N	610994	7041048	-138.7716897	63.48040539		1024
1436115	BHC	Mark Severinsen	10/24/2016 0:00	07N	610970	7041047	-138.7721717	63.48040392		1058
1436116	BHC	Mark Severinsen	10/24/2016 0:00	07N	610946	7041050	-138.772651	63.48043831		1025
1436117	BHC	Mark Severinsen	10/24/2016 0:00	07N	610921	7041048	-138.7731539	63.48042818		1023
1436118	BHC	Mark Severinsen	10/24/2016 0:00	07N	610896	7041048	-138.7736553	63.48043598		1040
1436119	BHC	Mark Severinsen	10/24/2016 0:00	07N	610871	7041048	-138.7741568	63.48044378		1039
1436120	BHC	Mark Severinsen	10/24/2016 0:00	07N	610821	7041048	-138.7751597	63.48045937		999
1436121	BHC	Mark Severinsen	10/24/2016 0:00	07N	610795	7041049	-138.7756805	63.48047644		986
1436122	BHC	Mark Severinsen	10/24/2016 0:00	07N	610770	7041048	-138.7761826	63.48047526		996
1436123	BHC	Mark Severinsen	10/24/2016 0:00	07N	610720	7041048	-138.7771855	63.48049084		986
1436124	BHC	Mark Severinsen	10/24/2016 0:00	07N	610696	7041048	-138.7776669	63.48049832		973
1436125	BHC	Mark Severinsen	10/24/2016 0:00	07N	610696	7041048	-138.7776669	63.48049832	1436124	977

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1436082	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1436083	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Dry	Good	Sand
1436084	Hands	10	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Dry	Poor	Sand
1436085	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Poor	Silt
1436086	Auger	60	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Leaf Cover	Dry	Good	Silt
1436087	Auger	60	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Leaf Cover	Dry	Good	Sand
1436101	Auger	50	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1436102	Auger	60	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1436103	Auger	40	B	Pronounced Slope	Dark Brown	Dwarf Birch	Leaf Cover	Damp	Poor	Silt
1436103	Auger	40	B	Pronounced Slope	Dark Brown	Dwarf Birch	Leaf Cover	Damp	Poor	Silt
1436104	Auger	40	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Leaf Cover	Damp	Good	Sand
1436105	Auger	70	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Dry	Good	Silt
1436106	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Damp	Poor	Silt
1436107	Auger	60	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Leaf Cover	Damp	Good	Silt
1436108	Auger	50	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Leaf Cover	Dry	Good	Sand
1436109	Auger	20	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Poor	Silt
1436110	Auger	20	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1436111	Auger	50	C	Subtle Slope	Reddish Yellow	Dwarf Birch	Thin Moss Cover	Dry	Excellent	Silt
1436112	Auger	50	C	Subtle Slope	Reddish Yellow	Dwarf Birch	Leaf Cover	Dry	Good	Sand
1436112	Auger	50	C	Subtle Slope	Reddish Yellow	Dwarf Birch	Leaf Cover	Dry	Good	Sand
1436113	Auger	40	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1436114	Auger	60	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Silt
1436115	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1436116	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Leaf Cover	Dry	Poor	Silt
1436117	Auger	50	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Silt
1436118	Auger	50	C	Pronounced Slope	Reddish Yellow	Dwarf Birch	Leaf Cover	Dry	Excellent	Gravel
1436119	Auger	30	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Dry	Good	Silt
1436120	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Dry	Good	Sand
1436121	Auger	50	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1436122	Auger	70	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Dry	Good	Sand
1436123	Auger	20	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Poor	Silt
1436124	Auger	70	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1436125	Auger	60	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1436082	Frozen	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.2	28.7
1436083	Frozen	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	32.3
1436084	Fine	Organic 25%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	21.3
1436085	Frozen	Small Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	20.3
1436086	Sandy	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	22
1436087	Coarse	Partially Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.2	27.3
1436101	Rocky Sample	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.9	13.2
1436102	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.3	9.6
1436103	Organic 10%	Fine		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.9	8.3
1436103	Organic 10%	Fine		REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.9	8.5
1436104	Rocky Terrain	Small Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1	6.9
1436105	Coarse	Sandy	Rocky	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.1	11
1436106	Organic 25%	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1	8.8
1436107	Sandy	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.1	11.4
1436108	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.1	9.2
1436109	Frozen	Organic 25%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.4	9.2
1436110	Fine	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.3	16.2
1436111	Coarse	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.9	20.9
1436112	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.3	10.6
1436112	Coarse	Rocky Sample		REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.2	11
1436113	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.9	19.1
1436114	Sandy	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.2	7.2
1436115	Coarse	Rocky Sample	Silty	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.2	13
1436116	Frozen	Organic 25%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.1	9.9
1436117	Coarse	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.8	8.4
1436118	Coarse	Sandy	Rocky	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	3.2	5.9
1436119	Fine	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.7	8.1
1436120	Frozen	Small Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	2	9.1
1436121	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1	16.8
1436122	Rocky Sample	Dull Red Rust		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.1	8.2
1436123	Frozen	Organic 25%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	2.1	7.7
1436124	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.9	23.6
1436125	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.1	21.2

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1436082	4.5	37	0.05	49.8	15	226	2.26	3.8	0.6	4.2	2.5	113	0.05	0.2	0.05	54	0.86	0.081	12
1436083	3.9	29	0.05	51.8	13	324	1.74	3	0.5	1.8	2.4	93	0.05	0.1	0.05	49	0.93	0.158	10
1436084	5.6	30	0.2	31.8	8.9	122	1.67	3.9	0.4	50.2	1.1	47	0.2	0.2	0.1	39	0.27	0.04	6
1436085	6.3	41	0.05	24.5	10.4	211	2.03	5.2	0.5	5.8	2.4	49	0.05	0.2	0.1	48	0.43	0.059	9
1436086	7.7	45	0.05	23.4	10.5	189	2.25	6.5	0.8	1.5	3.7	49	0.05	0.4	0.1	49	0.43	0.045	12
1436087	4.6	31	0.05	30.1	11.2	153	1.84	3.6	0.4	7.3	2.4	103	0.05	0.2	0.05	42	0.72	0.085	8
1436101	9.3	49	0.05	15.1	7.4	333	2.16	5.5	1.9	4.7	9.5	11	0.05	0.5	0.1	38	0.16	0.042	24
1436102	11	50	0.05	12.2	9	472	2.57	7	1.6	1	4.4	10	0.1	0.5	0.2	47	0.12	0.052	24
1436103	11.2	27	0.2	6.8	2.6	95	1.27	3.1	0.8	1.2	0.2	8	0.1	0.2	0.2	32	0.08	0.053	16
1436103	10.9	27	0.2	6.8	2.6	96	1.27	3.1	0.8	1.6	0.1	8	0.1	0.2	0.2	32	0.08	0.05	15
1436104	8	42	0.05	10	4.8	246	1.97	3.8	1.2	0.25	1.4	6	0.05	0.3	0.1	42	0.1	0.048	17
1436105	10.4	56	0.05	16.6	8.9	355	2.54	6.2	1.8	8	11	10	0.1	0.4	0.1	44	0.15	0.042	26
1436106	8.5	40	0.2	10.9	4.7	229	1.84	4.7	1.2	0.7	3	9	0.2	0.3	0.1	34	0.11	0.049	19
1436107	9.4	49	0.05	14	7.7	292	2.44	6.5	1.9	4.7	9.4	10	0.1	0.5	0.1	44	0.12	0.03	26
1436108	9.1	48	0.05	12.6	7	270	2.21	4.8	1.7	3.4	10.6	9	0.05	0.4	0.1	36	0.13	0.04	21
1436109	12.7	68	0.2	11.4	12.1	1137	2.71	5.4	0.8	2.3	4.3	23	0.2	0.5	0.5	58	0.27	0.077	9
1436110	11.6	58	0.05	21.8	9.9	248	3.09	11.2	0.6	3.1	5.4	12	0.05	0.7	0.2	61	0.12	0.028	11
1436111	10.3	48	0.05	19.9	7.8	187	2.48	10.9	1.6	4.6	13.3	12	0.05	1	0.3	38	0.12	0.022	25
1436112	14.8	64	0.05	14.8	11	388	3.22	9.9	1.5	2.4	16.9	12	0.05	1.2	0.2	45	0.12	0.039	12
1436112	15	65	0.05	14.8	11	393	3.27	10.1	1.6	1.5	17.2	13	0.05	1.2	0.2	46	0.13	0.043	13
1436113	12	62	0.05	19.7	9.8	340	2.77	7.3	2.5	3.5	23	16	0.05	0.5	0.1	45	0.24	0.037	100
1436114	19.8	87	0.05	10.7	9.6	276	3.52	8.1	2.6	3.1	14	6	0.2	0.7	0.6	41	0.07	0.02	8
1436115	11.4	73	0.2	18.2	11.9	411	3.85	7.6	1.8	2.5	12.1	14	0.1	0.5	0.3	61	0.26	0.055	27
1436116	11	47	0.2	11.4	6.2	307	2.71	7.8	1.3	4.3	5.4	13	0.2	0.4	0.2	53	0.19	0.054	33
1436117	11	69	0.05	15.1	10.3	368	3.29	7.2	1.3	2	12.6	18	0.05	0.5	0.2	56	0.23	0.036	22
1436118	12.5	54	0.05	9.3	7.1	258	2.73	7.7	1.8	1.4	18.7	16	0.05	0.4	0.1	39	0.23	0.031	18
1436119	14.5	60	0.05	12.8	8.4	435	3.53	11.2	1.2	3.2	9.7	12	0.1	0.4	0.2	69	0.16	0.07	17
1436120	8.8	56	0.05	15.6	8.3	260	3.03	8	1.3	2.1	8.5	17	0.05	0.5	0.05	50	0.27	0.062	23
1436121	10.3	58	0.05	17.9	8.7	293	2.65	8	2.6	5.3	18.2	19	0.05	0.5	0.2	49	0.28	0.048	101
1436122	15.1	78	0.05	14.7	10.5	444	3.54	7	1.7	1.7	16.9	14	0.1	0.4	0.2	55	0.23	0.069	28
1436123	10.5	48	0.05	9.4	6.5	257	2.33	4.4	1.4	1.6	11.1	11	0.05	0.5	0.05	35	0.19	0.041	28
1436124	14.2	96	0.05	10.5	10	518	3.41	2.2	4.8	2.8	24.2	18	0.1	0.5	0.4	36	0.53	0.133	99
1436125	15.1	82	0.05	10.6	10.5	642	3.15	2.9	4.4	4.3	20.2	19	0.1	0.5	0.3	38	0.48	0.114	90

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1436082	136	1.22	359	0.099	0	2.48	0.038	0.14	0.05	0.01	3.9	0.1	0.025	6	0.25	0.1
1436083	81	0.93	503	0.102	0	2.29	0.043	0.24	0.05	0.02	2.5	0.1	0.025	5	0.25	0.1
1436084	66	0.65	211	0.079	1	2.3	0.015	0.07	0.05	0.03	2	0.05	0.025	7	0.25	0.1
1436085	48	0.75	265	0.078	0	2.14	0.028	0.11	0.1	0.02	2.4	0.05	0.025	6	0.25	0.1
1436086	42	0.63	276	0.063	0	2.17	0.024	0.04	0.1	0.02	3.4	0.05	0.025	6	0.25	0.1
1436087	54	0.8	325	0.053	0	2.41	0.038	0.05	0.05	0.01	3	0.05	0.025	5	0.25	0.1
1436101	24	0.46	180	0.066	0	1.16	0.005	0.16	0.2	0.04	3.4	0.2	0.025	5	0.25	0.1
1436102	29	0.48	135	0.065	2	1.33	0.005	0.17	0.2	0.03	2.9	0.3	0.025	6	0.25	0.1
1436103	17	0.14	123	0.017	1	0.89	0.004	0.06	0.05	0.03	0.5	0.2	0.025	6	0.25	0.1
1436103	17	0.14	123	0.018	1	0.89	0.004	0.06	0.1	0.03	0.5	0.1	0.025	6	0.25	0.1
1436104	29	0.43	75	0.054	1	1.01	0.005	0.18	0.2	0.04	1.8	0.2	0.025	6	0.25	0.1
1436105	30	0.57	153	0.073	0	1.56	0.005	0.15	0.2	0.03	3.7	0.2	0.025	6	0.25	0.1
1436106	22	0.3	142	0.048	1	0.99	0.005	0.09	0.2	0.05	2	0.1	0.025	5	0.25	0.1
1436107	27	0.47	158	0.065	1	1.45	0.005	0.09	0.2	0.06	3.6	0.2	0.025	5	0.25	0.1
1436108	21	0.43	128	0.067	0	1.26	0.005	0.16	0.3	0.05	3	0.2	0.025	5	0.25	0.1
1436109	26	0.39	208	0.056	2	1.56	0.007	0.11	0.2	0.05	2.7	0.2	0.025	8	0.25	0.1
1436110	36	0.51	221	0.053	1	2.15	0.007	0.07	0.2	0.03	3	0.2	0.025	6	0.25	0.1
1436111	28	0.41	162	0.031	2	1.55	0.005	0.07	0.2	0.05	3.3	0.1	0.025	4	0.25	0.1
1436112	33	0.51	140	0.027	3	2.18	0.005	0.27	0.2	0.05	4.7	0.3	0.025	7	0.25	0.1
1436112	34	0.52	142	0.03	3	2.26	0.005	0.27	0.2	0.05	4.8	0.3	0.025	7	0.25	0.1
1436113	34	0.68	229	0.078	1	1.8	0.009	0.22	0.2	0.04	5.1	0.3	0.025	7	0.25	0.1
1436114	31	0.63	76	0.059	2	2.29	0.003	0.42	0.1	0.31	5.7	0.5	0.025	9	0.25	0.1
1436115	47	0.94	196	0.111	3	2.64	0.009	0.44	0.2	0.05	5.1	0.5	0.025	10	0.25	0.1
1436116	28	0.42	157	0.06	1	1.45	0.007	0.12	0.1	0.03	2.8	0.2	0.025	7	0.25	0.1
1436117	41	0.82	155	0.101	1	2.15	0.006	0.31	0.3	0.02	3.8	0.4	0.025	8	0.25	0.1
1436118	28	0.52	127	0.056	2	1.95	0.005	0.3	0.1	0.04	4.1	0.5	0.025	8	0.25	0.1
1436119	32	0.48	138	0.059	2	2.03	0.006	0.13	0.3	0.03	3.5	0.2	0.025	8	0.25	0.1
1436120	32	0.59	127	0.062	2	1.8	0.008	0.13	1	0.05	3.5	0.2	0.025	6	0.25	0.1
1436121	31	0.54	193	0.062	1	1.7	0.009	0.1	0.8	0.06	4.9	0.2	0.025	6	0.25	0.1
1436122	37	0.69	128	0.099	1	2.2	0.008	0.42	1.3	0.02	4.5	0.6	0.025	9	0.25	0.1
1436123	28	0.45	110	0.052	2	1.41	0.009	0.12	0.3	0.03	2.9	0.2	0.025	6	0.25	0.1
1436124	32	0.61	197	0.028	1	1.86	0.008	0.31	0.3	0.03	4.6	0.2	0.025	9	0.25	0.1
1436125	32	0.53	198	0.038	1	1.79	0.008	0.27	0.3	0.04	4.6	0.2	0.025	9	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1436126	BHC	Mark Severinsen	10/24/2016 0:00	07N	610671	7041050	-138.7781669	63.48052404		952
1436127	BHC	Mark Severinsen	10/24/2016 0:00	07N	610646	7041050	-138.7786684	63.48053182		953
1436128	BHC	Mark Severinsen	10/24/2016 0:00	07N	610620	7041047	-138.779192	63.48051301		958
1436129	BHC	Mark Severinsen	10/24/2016 0:00	07N	610594	7041049	-138.7797121	63.48053903		965
1436130	BHC	Mark Severinsen	10/24/2016 0:00	07N	610569	7041048	-138.7802142	63.48053784		984
1436131	BHC	Mark Severinsen	10/24/2016 0:00	07N	610544	7041050	-138.7807143	63.48056355		958
1436132	BHC	Mark Severinsen	10/24/2016 0:00	07N	610521	7041049	-138.7811763	63.48056174		958
1436133	BHC	Mark Severinsen	10/24/2016 0:00	07N	610495	7041049	-138.7816978	63.48056982		995
1436134	BHC	Mark Severinsen	10/24/2016 0:00	07N	610469	7041047	-138.7822207	63.48055996		964
1436135	BHC	Mark Severinsen	10/24/2016 0:00	07N	610445	7041048	-138.7827014	63.48057639		959
1436136	BHC	Mark Severinsen	10/24/2016 0:00	07N	610393	7041048	-138.7837444	63.48059254		937
1436137	BHC	Mark Severinsen	10/24/2016 0:00	07N	610366	7041049	-138.7842853	63.48060989		968
1436138	BHC	Mark Severinsen	10/24/2016 0:00	07N	610344	7041050	-138.7847259	63.48062569		963
1436139	BHC	Mark Severinsen	10/24/2016 0:00	07N	610320	7041049	-138.785208	63.48062417		951
1436140	BHC	Mark Severinsen	10/25/2016 0:00	07n	613024	7040049	-138.7316836	63.4708071		922
1436141	BHC	Mark Severinsen	10/25/2016 0:00	07n	613001	7040048	-138.7321455	63.47080544		912
1436142	BHC	Mark Severinsen	10/25/2016 0:00	07N	612976	7040048	-138.7326467	63.47081338		916
1436143	BHC	Mark Severinsen	10/25/2016 0:00	07N	612950	7040049	-138.7331673	63.47083061		914
1436144	BHC	Mark Severinsen	10/25/2016 0:00	07N	612926	7040048	-138.7336493	63.47082926		928
1436145	BHC	Mark Severinsen	10/25/2016 0:00	07N	612900	7040049	-138.7341699	63.47084649		912
1436146	BHC	Mark Severinsen	10/25/2016 0:00	07N	612875	7040048	-138.7346718	63.47084545		950
1436147	BHC	Mark Severinsen	10/25/2016 0:00	07N	612849	7040048	-138.7351932	63.4708537		928
1436148	BHC	Mark Severinsen	10/25/2016 0:00	07N	612825	7040048	-138.7356744	63.47086132		928
1436149	BHC	Mark Severinsen	10/25/2016 0:00	07N	612799	7040049	-138.736195	63.47087853		912
1436150	BHC	Mark Severinsen	10/25/2016 0:00	07N	612799	7040049	-138.736195	63.47087853	1436149	924
1436151	BHC	Mark Severinsen	10/25/2016 0:00	07N	612750	7040048	-138.7371782	63.47088511		961
1436152	BHC	Mark Severinsen	10/25/2016 0:00	07N	612723	7040049	-138.7377188	63.47090263		897
1436153	BHC	Mark Severinsen	10/25/2016 0:00	07N	612700	7040047	-138.7381814	63.47089199		911
1436154	BHC	Mark Severinsen	10/25/2016 0:00	07N	612674	7040048	-138.738702	63.47090919		915
1436155	BHC	Mark Severinsen	10/25/2016 0:00	07N	612650	7040048	-138.7391832	63.4709168		902
1436156	BHC	Mark Severinsen	10/25/2016 0:00	07N	612624	7040048	-138.7397045	63.47092503		914
1436157	BHC	Mark Severinsen	10/25/2016 0:00	07N	612575	7040048	-138.740687	63.47094054		930
1436158	BHC	Mark Severinsen	10/25/2016 0:00	07N	612551	7040037	-138.741176	63.4708495		919

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1436126	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Leaf Cover	Dry	Good	Sand
1436127	Auger	90	C	Pronounced Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Good	Gravel
1436128	Auger	50	C	Pronounced Slope	Chocolate Brown	Black Spruce	Grass Cover	Dry	Good	Gravel
1436129	Auger	40	B	Pronounced Slope	Chocolate Brown	Black Spruce	Grass Cover	Dry	Poor	Silt
1436130	Auger	50	B	Pronounced Slope	Dark Brown	Black Spruce	Grass Cover	Damp	Poor	Silt
1436131	Auger	50	B	Pronounced Slope	Dark Brown	Black Spruce	Thin Moss Cover	Damp	Poor	Silt
1436132	Auger	50	B	Pronounced Slope	Dark Brown	Black Spruce	Thin Moss Cover	Damp	Good	Silt
1436133	Auger	50	B	Pronounced Slope	Dark Brown	Black Spruce	Thin Moss Cover	Damp	Poor	Silt
1436134	Auger	50	B	Pronounced Slope	Dark Brown	Black Spruce	Thin Moss Cover	Damp	Poor	Silt
1436135	Auger	50	B	Pronounced Slope	Dark Brown	Black Spruce	Thin Moss Cover	Damp	Good	Silt
1436136	Auger	50	B	Pronounced Slope	Dark Brown	Black Spruce	Sphagnum Moss <	Damp	Poor	Silt
1436137	Auger	50	B	Pronounced Slope	Dark Brown	Black Spruce	Sphagnum Moss <	Damp	Poor	Silt
1436138	Auger	50	B	Pronounced Slope	Dark Brown	Black Spruce	Sphagnum Moss <	Damp	Good	Silt
1436139	Auger	50	B	Pronounced Slope	Dark Brown	Black Spruce	Sphagnum Moss <	Damp	Good	Silt
1436140	Auger	50	C	Subtle Slope	Chocolate Brown	Black Spruce	Sphagnum Moss <	Damp	Good	Silt
1436141	Auger	60	C	Subtle Slope	Reddish Brown	Black Spruce	Sphagnum Moss <	Damp	Good	Silt
1436142	Auger	40	C	Subtle Slope	Reddish Yellow	Black Spruce	Thin Moss Cover	Dry	Good	Sand
1436143	Auger	50	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Good	Sand
1436144	Auger	10	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Poor	Sand
1436145	Auger	20	B	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Good	Sand
1436146	Auger	40	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Good	Sand
1436147	Auger	50	C	Subtle Slope	Reddish Yellow	Black Spruce	Leaf Cover	Dry	Good	Sand
1436148	Auger	10	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Poor	Silt
1436149	Auger	80	C	Subtle Slope	Reddish Yellow	Dwarf Birch	Leaf Cover	Dry	Excellent	Sand
1436150	Auger	60	C	Subtle Slope	Reddish Yellow	Dwarf Birch	Leaf Cover	Dry	Excellent	Sand
1436151	Auger	40	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1436152	Auger	20	B	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Poor	Silt
1436153	Auger	20	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1436154	Auger	20	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Poor	Silt
1436155	Auger	30	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1436156	Auger	30	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Gravel
1436157	Hands	10	B	Subtle Slope	Light Brown	Dwarf Birch	Bare Soil	Dry	Good	Sand
1436158	Auger	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1436126	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	2.5	9.3
1436127	Coarse	Sandy	Rocky	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	5.7
1436128	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1	18.4
1436129	Frozen	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.5	22.1
1436130	Frozen	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	11
1436131	Frozen	Organic 25%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	11.5
1436132	Frozen	Mud		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	15.4
1436133	Frozen	Organic 25%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	15.9
1436134	Frozen	Fine	Micah	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	13.8
1436135	Frozen	Fine		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	15.4
1436136	Frozen	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	15.5
1436137	Fine	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1	15.5
1436138	Sandy	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	15.3
1436139	Frozen	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.7	22.1
1436140	Fine	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	14.4
1436141	Coarse	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.8	63.3
1436142	Frozen	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.8	13.2
1436143	Coarse	Partially Frozen	Rocky	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	17.9
1436144	Frozen	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.8	10.4
1436145	Frozen	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.6	20.4
1436146	Frozen	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.5	7.7
1436147	Partially Frozen	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.9	14.6
1436148	Frozen	Organic 25%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.9	10.8
1436149	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	8.3
1436150	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	8.1
1436151	Frozen	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.8	14.9
1436152	Fine	Frozen	Organic 25%	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.6	14.7
1436153	Coarse	Rocky Sample	Frozen	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.6	7.9
1436154	Fine	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.7	25.6
1436155	Rocky Sample	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.6	8.2
1436156	Sandy	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.7	14.4
1436157	Fine	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.5	19.4
1436158	Frozen	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.2	16



sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1436126	11	53	0.1	7.9	5.8	283	2.42	4	3.1	2.1	15.7	15	0.1	0.4	0.2	38	0.24	0.042	52
1436127	9.6	89	0.05	9.2	7	235	3.16	3	5.9	2	22.9	16	0.05	0.6	0.1	32	0.53	0.114	79
1436128	15.6	67	0.05	12.7	8.6	334	2.71	6.3	2.9	4.1	15.5	17	0.05	0.7	0.6	40	0.31	0.06	48
1436129	18.1	60	0.2	15.4	7	208	2.61	11	2	5.4	5.5	19	0.1	0.7	0.3	46	0.31	0.047	23
1436130	16.1	63	0.1	14.5	8	283	2.52	7.8	1.2	1.6	6.9	15	0.05	0.4	0.2	35	0.28	0.064	23
1436131	10.4	55	0.1	14.9	6.8	200	2.53	7	1.4	4.6	5.3	20	0.05	0.3	0.2	35	0.27	0.049	21
1436132	9.8	51	0.05	17.2	7.5	175	2.66	6.6	1.8	4.2	7.5	26	0.05	0.3	0.3	45	0.17	0.044	25
1436133	10.9	56	0.05	19.5	7.4	146	2.47	4.5	1.5	2.5	5.5	24	0.05	0.3	0.3	38	0.19	0.039	21
1436134	9.2	53	0.05	17.6	6.7	138	2.23	5.6	1	4.6	4.5	17	0.05	0.3	0.2	36	0.15	0.032	17
1436135	9.1	56	0.05	18.8	8.2	192	2.22	4.6	1	9.9	5.4	15	0.05	0.3	0.2	39	0.17	0.033	18
1436136	10.8	57	0.2	19.1	8.2	192	2.44	4.8	1.7	8.5	7.5	16	0.05	0.2	0.4	37	0.19	0.041	27
1436137	9.5	64	0.2	17.6	11.1	384	2.96	4.8	1.9	5.6	7	26	0.05	0.2	0.3	57	0.36	0.076	34
1436138	8.1	89	0.1	12.5	12	469	4.39	2.8	1.7	2.7	9.2	25	0.05	0.1	0.1	99	0.44	0.113	44
1436139	11.2	68	0.2	21.9	10.5	256	3.12	5.5	1.8	5.4	7.8	26	0.05	0.3	0.3	57	0.25	0.045	31
1436140	8.8	55	0.05	12.9	7.9	309	2.18	2.7	2.3	2.7	14.4	15	0.05	0.8	0.1	48	0.2	0.05	52
1436141	7.7	49	0.05	13.1	12.6	713	3.5	2	1	2.8	4.4	14	0.2	0.8	0.1	86	0.48	0.09	16
1436142	11.4	54	0.05	12.6	7.1	222	2.33	4.7	1.1	3	19	17	0.05	1.6	0.1	35	0.2	0.028	32
1436143	9.8	55	0.05	15.1	7.5	322	2.39	7.9	1.5	3.4	22.8	19	0.05	5.5	2	36	0.18	0.038	36
1436144	11.1	57	0.1	9	6.6	380	2.17	6	0.8	1.4	2.1	13	0.2	1.8	1.2	35	0.11	0.046	11
1436145	38.7	94	0.05	18.1	9.2	284	2.94	10.5	0.9	2.3	13.2	14	0.2	1.1	0.3	52	0.14	0.034	15
1436146	15.6	75	0.05	7.1	5.6	327	2.39	9.4	0.9	3.1	11.6	12	0.2	0.6	1.1	49	0.13	0.025	10
1436147	11.1	57	0.05	19.1	11.2	370	2.95	11.4	1.4	6.3	12	14	0.05	0.6	0.3	55	0.16	0.032	22
1436148	32.9	85	0.05	11.5	6.5	400	3.03	7.2	1.2	1.6	13	9	0.1	0.5	0.6	44	0.11	0.046	21
1436149	12.4	67	0.05	9.9	7.5	448	2.62	4	2.3	1.6	33.9	15	0.2	0.7	0.3	31	0.23	0.059	70
1436150	14	73	0.05	10.1	8.2	524	2.8	3.9	2	0.7	35.8	15	0.2	0.7	0.3	33	0.25	0.063	75
1436151	10.1	53	0.05	19.1	9.2	276	2.79	9.7	1.1	4.4	11.1	15	0.05	0.5	0.2	55	0.17	0.039	31
1436152	13.9	50	0.05	15.4	7.6	237	2.82	8.8	0.8	3.3	7.1	10	0.1	0.6	0.2	61	0.08	0.028	21
1436153	11.6	60	0.05	5	3.9	310	1.93	2.2	1.8	0.6	6	9	0.1	0.5	0.3	29	0.09	0.039	57
1436154	25.5	79	0.05	10.1	10.3	874	2.84	6.4	1.4	0.25	8.9	13	0.2	0.4	0.9	48	0.19	0.095	50
1436155	25.1	41	0.05	6.8	5.8	601	1.6	8.2	2.2	3.5	2.3	10	0.2	0.6	0.3	26	0.12	0.05	24
1436156	25.5	50	0.05	13.2	6.6	398	2.85	11.2	1.5	11	6.4	11	0.1	0.7	0.6	63	0.11	0.034	26
1436157	24.8	60	0.05	14.3	5.6	216	3.33	15.4	1.1	3	6.9	13	0.2	0.8	1.1	77	0.11	0.039	13
1436158	18.5	57	0.05	15.5	6.4	314	3.21	13	1.1	3.1	5	14	0.3	0.6	0.7	66	0.13	0.06	27

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1436126	28	0.33	137	0.041	2	1.51	0.008	0.19	0.3	0.06	4.4	0.2	0.025	8	0.25	0.1
1436127	24	0.48	211	0.04	0	1.53	0.008	0.35	0.4	0.12	5.6	0.4	0.025	7	0.25	0.1
1436128	27	0.48	233	0.038	0	1.67	0.007	0.22	0.4	0.07	4.8	0.2	0.025	6	0.25	0.1
1436129	28	0.36	234	0.038	1	1.6	0.006	0.08	0.2	0.11	3.8	0.2	0.025	6	0.25	0.1
1436130	24	0.51	162	0.074	0	1.42	0.005	0.22	0.05	0.05	3.3	0.3	0.025	6	0.25	0.1
1436131	26	0.52	138	0.084	0	1.61	0.006	0.26	0.1	0.03	3.3	0.3	0.025	6	0.25	0.1
1436132	33	0.47	143	0.094	0	1.76	0.007	0.21	0.1	0.03	3.9	0.2	0.025	6	0.25	0.1
1436133	33	0.47	166	0.113	0	2.03	0.008	0.19	0.1	0.04	4	0.3	0.025	7	0.25	0.1
1436134	29	0.47	137	0.1	0	1.63	0.007	0.13	0.2	0.04	3.3	0.2	0.025	6	0.25	0.1
1436135	28	0.48	161	0.096	0	1.61	0.008	0.13	0.2	0.04	3.2	0.2	0.025	5	0.25	0.1
1436136	29	0.51	179	0.098	0	1.78	0.007	0.14	0.2	0.04	3.8	0.2	0.025	6	0.25	0.1
1436137	33	0.72	224	0.109	1	2.14	0.009	0.39	0.2	0.04	5.2	0.3	0.025	8	0.25	0.1
1436138	26	0.98	220	0.224	0	2.69	0.01	1.08	0.1	0.03	9.4	0.5	0.025	12	0.25	0.1
1436139	39	0.73	194	0.12	0	2.38	0.009	0.33	0.2	0.03	5	0.3	0.025	8	0.25	0.1
1436140	31	0.61	313	0.105	1	1.31	0.009	0.42	0.3	0.12	5.5	0.4	0.025	6	0.25	0.1
1436141	18	0.44	352	0.028	0	1.19	0.011	0.14	0.7	0.08	14.2	0.2	0.025	5	0.25	0.1
1436142	20	0.41	173	0.04	2	1.6	0.005	0.21	0.2	0.05	5.1	0.4	0.025	5	0.25	0.1
1436143	25	0.47	148	0.062	2	1.51	0.006	0.29	0.1	0.03	4.9	0.4	0.025	6	0.25	0.1
1436144	22	0.26	85	0.029	2	1.06	0.005	0.17	0.2	0.03	2.4	0.2	0.025	5	0.25	0.1
1436145	30	0.47	125	0.063	2	1.94	0.009	0.1	0.1	0.04	3.9	0.2	0.025	5	0.25	0.1
1436146	22	0.46	98	0.092	0	1.61	0.006	0.32	0.1	0.02	4	0.4	0.025	10	0.25	0.1
1436147	36	0.5	171	0.064	0	1.9	0.009	0.07	0.2	0.04	5.8	0.1	0.025	5	0.25	0.1
1436148	27	0.48	119	0.072	2	2.06	0.007	0.26	0.2	0.03	4.6	0.4	0.025	7	0.25	0.1
1436149	19	0.4	124	0.03	1	1.63	0.005	0.28	0.1	0.03	6.2	0.4	0.025	6	0.25	0.1
1436150	20	0.45	140	0.031	1	1.79	0.006	0.32	0.1	0.02	6.3	0.5	0.025	7	0.25	0.1
1436151	30	0.48	139	0.057	2	1.89	0.008	0.1	0.1	0.03	4	0.2	0.025	5	0.25	0.1
1436152	32	0.4	108	0.056	2	2.23	0.007	0.08	0.2	0.02	3.6	0.2	0.025	6	0.25	0.1
1436153	18	0.29	66	0.034	2	1.24	0.008	0.28	0.05	0.01	2.7	0.3	0.025	8	0.25	0.1
1436154	28	0.47	104	0.054	2	1.7	0.008	0.26	0.3	0.02	4.8	0.3	0.025	7	0.25	0.1
1436155	15	0.17	66	0.014	1	0.97	0.004	0.07	0.2	0.03	1.6	0.2	0.025	3	0.25	0.1
1436156	26	0.32	161	0.048	1	1.63	0.006	0.06	0.2	0.02	3.1	0.2	0.025	6	0.25	0.1
1436157	27	0.42	99	0.059	1	1.78	0.007	0.08	0.2	0.02	3.2	0.2	0.025	7	0.25	0.1
1436158	27	0.37	157	0.056	2	1.73	0.007	0.07	0.2	0.03	3.4	0.1	0.025	6	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1436159	BHC	Mark Severinsen	10/25/2016 0:00	07N	612499	7040049	-138.7422102	63.47097356		925
1436160	BHC	Mark Severinsen	10/25/2016 0:00	07N	612474	7040047	-138.7427129	63.47096353		899
1436161	BHC	Mark Severinsen	10/25/2016 0:00	07N	612449	7040047	-138.7432141	63.47097144		895
1436161	BHC	Mark Severinsen	10/25/2016 0:00	07N	612449	7040047	-138.7432141	63.47097144		895
1436162	BHC	Mark Severinsen	10/25/2016 0:00	07N	612424	7040047	-138.7437154	63.47097934		891
1436163	BHC	Mark Severinsen	10/25/2016 0:00	07N	612375	7040049	-138.7446965	63.47101277		873
1436164	BHC	Mark Severinsen	10/25/2016 0:00	07N	612350	7040048	-138.7451984	63.47101117		879
1436165	BHC	Mark Severinsen	10/25/2016 0:00	07N	612325	7040047	-138.7457004	63.47101063		845
1436166	BHC	Mark Severinsen	10/25/2016 0:00	07N	612298	7040048	-138.7462411	63.47102812		864
1436167	BHC	Mark Severinsen	10/25/2016 0:00	07N	612275	7040047	-138.746703	63.47102642		845
1436168	BHC	Mark Severinsen	10/25/2016 0:00	07N	612251	7040049	-138.7471828	63.47105193		831
1436169	BHC	Mark Severinsen	10/25/2016 0:00	07N	612225	7040048	-138.7477048	63.47105116		831
1436176	BHC	Mark Severinsen	10/23/2016 0:00	07n	617943	7038035	-138.6345537	63.4511502		1143
1436177	BHC	Mark Severinsen	10/23/2016 0:00	07N	617968	7038035	-138.6340528	63.45114192		1153
1436178	BHC	Mark Severinsen	10/23/2016 0:00	07N	617994	7038036	-138.6335312	63.45114227		1164
1436179	BHC	Mark Severinsen	10/23/2016 0:00	07N	618019	7038035	-138.633031	63.45112501		1170
1436180	BHC	Mark Severinsen	10/23/2016 0:00	07N	618044	7038037	-138.6325286	63.45113466		1162
1436181	BHC	Mark Severinsen	10/23/2016 0:00	07N	618069	7038036	-138.6320285	63.4511174		1160
1436182	BHC	Mark Severinsen	10/23/2016 0:00	07N	618094	7038036	-138.6315276	63.4511091		1161
1436183	BHC	Mark Severinsen	10/23/2016 0:00	07N	618118	7038036	-138.6310468	63.45110114		1149
1436184	BHC	Mark Severinsen	10/23/2016 0:00	07N	618144	7038036	-138.6305259	63.45109251		1168
1436185	BHC	Mark Severinsen	10/23/2016 0:00	07n	618170	7038034	-138.6300064	63.45106595		1149
1436186	BHC	Mark Severinsen	10/23/2016 0:00	07n	618193	7038036	-138.6295441	63.45107624		1146
1436187	BHC	Mark Severinsen	10/23/2016 0:00	07N	618218	7038034	-138.6290447	63.45105001		1157
1436188	BHC	Mark Severinsen	10/23/2016 0:00	07n	618244	7038036	-138.6285223	63.45105931		1141
1436189	BHC	Mark Severinsen	10/23/2016 0:00	07N	618268	7038035	-138.6280422	63.45104237		1150
1436190	BHC	Mark Severinsen	10/23/2016 0:00	07N	618296	7038035	-138.6274813	63.45103306		1144
1436191	BHC	Mark Severinsen	10/23/2016 0:00	07N	618320	7038036	-138.6269997	63.45103405		1134
1436192	BHC	Mark Severinsen	10/23/2016 0:00	07N	618344	7038035	-138.6265196	63.45101711		1127
1436193	BHC	Mark Severinsen	10/23/2016 0:00	07N	618368	7038035	-138.6260387	63.45100913		1137
1436194	BHC	Mark Severinsen	10/23/2016 0:00	07N	618395	7038036	-138.625497	63.45100911		1112
1436195	BHC	Mark Severinsen	10/23/2016 0:00	07N	618420	7038034	-138.6249976	63.45098286		1116
1436196	BHC	Mark Severinsen	10/23/2016 0:00	07n	618444	7038035	-138.6245161	63.45098384		1131

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1436159	Mattock	30	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1436160	Mattock	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Poor	Gravel
1436161	Hands	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Poor	Sand
1436161	Hands	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Poor	Sand
1436162	Hands	10	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Poor	Sand
1436163	Mattock	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1436164	Auger	40	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Silt
1436165	Hands	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Poor	Sand
1436166	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1436167	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1436168	Hands	20	B	Pronounced Slope	Light Brown	Poplar	Bare Soil	Dry	Good	Sand
1436169	Mattock	40	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1436176	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1436177	Auger	60	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Leaf Cover	Dry	Good	Gravel
1436178	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Dry	Good	Sand
1436179	Auger	60	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1436180	Auger	60	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Leaf Cover	Damp	Good	Silt
1436181	Auger	70	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1436182	Auger	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Poor	Sand
1436183	Auger	60	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1436184	Auger	30	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Poor	Silt
1436185	Auger	50	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1436186	Auger	30	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1436187	Auger	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Poor	Silt
1436188	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Gravel
1436189	Auger	60	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1436190	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1436191	Auger	60	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1436192	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1436193	Auger	60	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Leaf Cover	Damp	Good	Sand
1436194	Auger	60	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1436195	Auger	50	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1436196	Auger	60	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Leaf Cover	Dry	Excellent	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1436159	Frozen	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.7	14.6
1436160	Rocky Sample	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.2	12.2
1436161	Frozen	Fine		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.8	8.1
1436161	Frozen	Fine		REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1	8.9
1436162	Frozen	Fine		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	26.6
1436163	Frozen	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.8	13.6
1436164	Coarse	Rocky Sample	Sandy	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.6	14.5
1436165	Fine	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.3	15
1436166	Fine	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.1	14.4
1436167	Organic 10%	Fine		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.7	17.4
1436168	Fine	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.8	12.3
1436169	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.8	13.4
1436176	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.6	14.3
1436177	Sandy	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	2	11.5
1436178	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.4	12.3
1436179	Coarse	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.8	16.3
1436180	Fine	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.6	20.6
1436181	Fine	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.4	24.9
1436182	Organic 10%	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.2	12.1
1436183	Fine	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1	16.1
1436184	Frozen	Sandy	Rocky	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.5	7.9
1436185	Fine	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.4	12.1
1436186	Frozen	Rocky Terrain	Rocks 20cm under	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.6	9.3
1436187	Frozen	Organic 25%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.5	14
1436188	Sandy	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.3	15.6
1436189	Sandy	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.4	13.4
1436190	Fine	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.5	15.7
1436191	Coarse	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.4	13.9
1436192	Sandy	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1	21.9
1436193	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1	14.7
1436194	Coarse	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.2	14.5
1436195	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.1	18.3
1436196	Coarse		Micah	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.7	10.7

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1436159	13	55	0.05	16	5.8	253	3.6	12.7	0.7	2.8	2.1	12	0.1	0.9	0.4	86	0.11	0.055	12
1436160	20.3	53	0.05	13	7.1	360	2.48	10.8	1.3	3.3	4.1	12	0.2	0.6	0.4	52	0.13	0.056	25
1436161	11.3	24	0.2	5.2	1.9	94	1.46	6.9	0.7	5.2	0.4	11	0.3	0.4	0.5	44	0.08	0.054	14
1436161	11.5	25	0.2	5.1	2.1	97	1.51	7	0.7	1.3	0.4	11	0.3	0.4	0.5	45	0.08	0.054	13
1436162	17.7	56	0.05	12.6	5.3	265	1.96	6.2	3.1	4	15.9	15	0.1	0.6	0.9	36	0.22	0.044	59
1436163	17.6	63	0.05	11	5.5	241	2.24	5.3	1.7	2.6	13.7	12	0.2	0.5	0.5	39	0.15	0.042	28
1436164	16.5	59	0.1	13	8.6	468	2.5	7.7	1.6	3.3	9.6	15	0.1	0.5	0.5	51	0.18	0.043	35
1436165	15.5	58	0.1	14.6	6.2	244	2.93	10	1.1	2.8	10.1	13	0.05	0.7	0.5	62	0.13	0.025	26
1436166	12.5	55	0.05	13.7	7	248	2.51	7.1	1.1	2.3	9.3	14	0.1	0.5	0.3	51	0.18	0.035	22
1436167	16	53	0.4	14.1	6.2	281	2.26	7.5	1.3	2.9	2	20	0.3	0.5	0.3	50	0.21	0.061	39
1436168	10.3	53	0.05	14.6	6.1	206	2.39	7.4	0.7	2.1	8.5	13	0.05	0.5	0.2	51	0.15	0.026	17
1436169	13.1	57	0.1	14.2	7.2	350	2.39	7.1	1.3	4.5	10.6	16	0.1	0.5	0.2	50	0.2	0.036	35
1436176	11.1	56	0.05	17.4	8.8	295	2.7	7.1	1	1.3	8.1	9	0.1	0.7	0.2	45	0.1	0.029	18
1436177	12.5	42	0.05	9.8	5.4	236	2.24	5.7	1	2.4	4.4	9	0.05	0.6	0.2	43	0.1	0.043	16
1436178	10.9	67	0.05	19	10.9	372	2.77	9.3	0.8	3.7	8	10	0.1	0.6	0.2	49	0.1	0.038	12
1436179	12.1	55	0.05	16.8	7.3	313	2.7	7.7	1.3	4.3	7.8	13	0.05	0.6	0.2	54	0.15	0.035	25
1436180	11.9	67	0.05	21	10.9	420	2.7	7.3	1.4	2.9	10.7	14	0.1	0.7	0.1	46	0.16	0.029	26
1436181	10.9	61	0.05	22.9	10.6	373	2.9	8.6	1.4	5.7	8.5	15	0.05	0.7	0.2	52	0.16	0.026	25
1436182	10.7	29	0.05	8.3	3.8	141	2.2	7.7	0.6	1.6	4.1	7	0.05	0.4	0.1	54	0.08	0.023	11
1436183	10.5	54	0.2	16.4	8.2	254	2.63	7.1	0.9	2.5	6	12	0.05	0.5	0.2	57	0.15	0.036	18
1436184	8.7	33	0.05	6.1	2.5	251	1.53	4.6	0.4	4.5	1.3	8	0.2	0.4	0.2	45	0.1	0.044	9
1436185	13.1	52	0.05	16.9	8.9	316	3.09	10.1	0.7	3.9	6.4	10	0.2	0.7	0.2	53	0.12	0.041	14
1436186	6.9	18	0.05	4	2	70	1	2.8	0.8	1.1	4	8	0.05	0.5	0.1	30	0.04	0.019	12
1436187	8.9	30	0.1	9.1	3.5	144	1.61	4.5	0.9	0.25	1.6	9	0.1	0.4	0.2	36	0.09	0.037	15
1436188	10.2	56	0.05	19.9	8.1	270	2.82	9.8	0.9	2.8	8.6	10	0.1	0.6	0.2	51	0.12	0.033	16
1436189	11.8	46	0.05	14.8	6.9	257	2.33	7.4	1	7.3	7.3	11	0.05	0.5	0.2	49	0.12	0.051	23
1436190	11.4	55	0.05	17.9	9.2	373	2.67	7.9	1.1	2.9	7.7	10	0.05	0.6	0.2	47	0.14	0.036	19
1436191	10.7	54	0.05	18	9.2	333	2.66	7.7	1	1	8.7	12	0.1	0.5	0.2	50	0.15	0.033	19
1436192	11.4	55	0.05	20.6	9	422	2.41	9.3	1	4	5.7	15	0.05	0.6	0.1	44	0.19	0.046	22
1436193	9.2	58	0.05	17.4	10.1	500	2.62	5.2	1.7	1.5	10.5	16	0.05	0.5	0.2	47	0.26	0.049	21
1436194	9.9	53	0.05	17.2	8.9	336	2.53	7.3	1.2	1.9	7.3	13	0.05	0.5	0.1	46	0.17	0.041	19
1436195	11	51	0.05	17.9	8.5	385	2.53	7.4	1.9	3	5.4	16	0.1	0.5	0.2	45	0.21	0.056	32
1436196	11.6	49	0.05	14.5	8.6	402	2.3	3.9	1.9	1.2	12	11	0.05	0.5	0.1	36	0.17	0.041	34

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1436159	38	0.37	128	0.057	2	1.76	0.007	0.05	0.2	0.03	2.6	0.1	0.025	6	0.25	0.1
1436160	23	0.31	110	0.042	1	1.38	0.006	0.07	0.2	0.04	2.9	0.1	0.025	5	0.25	0.1
1436161	14	0.12	80	0.027	1	0.83	0.006	0.05	0.1	0.03	1.1	0.1	0.025	6	0.25	0.1
1436161	15	0.11	79	0.027	2	0.83	0.006	0.05	0.1	0.04	1	0.1	0.025	5	0.25	0.1
1436162	20	0.34	106	0.056	0	1.15	0.008	0.12	0.2	0.05	3.9	0.2	0.025	4	0.25	0.1
1436163	21	0.38	91	0.061	0	1.3	0.007	0.16	0.2	0.02	3.9	0.3	0.025	5	0.25	0.1
1436164	26	0.33	138	0.061	1	1.6	0.008	0.16	0.2	0.03	3.6	0.3	0.025	7	0.25	0.1
1436165	28	0.42	130	0.064	1	1.89	0.008	0.1	0.2	0.04	4.2	0.2	0.025	7	0.25	0.1
1436166	29	0.41	126	0.066	1	1.64	0.007	0.12	0.2	0.04	3.8	0.2	0.025	6	0.25	0.1
1436167	26	0.3	210	0.048	1	1.49	0.008	0.11	0.1	0.04	2.9	0.1	0.025	6	0.25	0.1
1436168	27	0.41	119	0.064	1	1.55	0.008	0.06	0.1	0.02	3.3	0.1	0.025	5	0.25	0.1
1436169	26	0.38	147	0.063	1	1.55	0.008	0.09	0.2	0.04	4	0.2	0.025	6	0.25	0.1
1436176	26	0.56	159	0.064	1	1.75	0.005	0.12	0.3	0.04	3.7	0.2	0.025	6	0.25	0.1
1436177	21	0.43	130	0.059	0	1.33	0.005	0.1	0.2	0.03	2.8	0.2	0.025	6	0.25	0.1
1436178	31	0.53	138	0.054	2	1.75	0.006	0.08	0.2	0.05	3.4	0.1	0.025	5	0.25	0.1
1436179	29	0.54	281	0.07	2	1.61	0.005	0.11	0.3	0.05	4.8	0.2	0.025	7	0.25	0.1
1436180	30	0.71	207	0.086	0	1.6	0.008	0.2	0.2	0.05	4.8	0.2	0.025	6	0.25	0.1
1436181	34	0.68	243	0.068	2	1.73	0.006	0.11	0.2	0.08	6.2	0.2	0.025	6	0.25	0.1
1436182	22	0.32	75	0.068	0	0.96	0.005	0.08	0.1	0.04	2.3	0.1	0.025	7	0.25	0.1
1436183	33	0.41	248	0.049	2	1.99	0.005	0.06	0.2	0.05	3.8	0.2	0.025	6	0.25	0.1
1436184	18	0.17	98	0.04	0	0.72	0.005	0.07	0.05	0.04	1.3	0.1	0.025	5	0.25	0.1
1436185	30	0.48	151	0.053	0	1.82	0.006	0.09	0.2	0.03	3.2	0.2	0.025	6	0.25	0.1
1436186	12	0.13	54	0.052	0	0.45	0.005	0.1	0.2	0.03	1.5	0.1	0.025	4	0.25	0.1
1436187	22	0.3	121	0.046	2	0.95	0.006	0.13	0.2	0.05	1.8	0.2	0.025	6	0.25	0.1
1436188	30	0.59	152	0.065	1	1.78	0.006	0.1	0.2	0.05	3.9	0.2	0.025	6	0.25	0.1
1436189	27	0.49	168	0.064	0	1.43	0.005	0.12	0.2	0.04	3.7	0.2	0.025	6	0.25	0.1
1436190	28	0.62	149	0.073	1	1.55	0.005	0.16	0.2	0.04	3.9	0.2	0.025	6	0.25	0.1
1436191	30	0.62	171	0.081	1	1.65	0.005	0.14	0.2	0.03	4	0.2	0.025	6	0.25	0.1
1436192	28	0.49	222	0.057	1	1.33	0.006	0.09	0.2	0.04	4.2	0.1	0.025	5	0.25	0.1
1436193	36	0.8	257	0.092	0	1.42	0.006	0.38	0.2	0.05	5.2	0.4	0.025	6	0.25	0.1
1436194	29	0.55	190	0.059	0	1.48	0.007	0.09	0.2	0.04	4.1	0.2	0.025	5	0.25	0.1
1436195	36	0.58	287	0.058	0	1.45	0.006	0.17	0.2	0.03	4.3	0.2	0.025	5	0.6	0.1
1436196	32	0.61	219	0.086	0	1.28	0.005	0.37	0.2	0.03	4.2	0.5	0.025	5	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1436197	BHC	Mark Severinsen	10/23/2016 0:00	07N	618468	7038035	-138.6240352	63.45097586		1101
1436198	BHC	Mark Severinsen	10/23/2016 0:00	07N	618494	7038035	-138.6235143	63.4509672		1088
1436199	BHC	Mark Severinsen	10/23/2016 0:00	07N	618717	7038035	-138.6190465	63.4508929		1034
1436200	BHC	Mark Severinsen	10/23/2016 0:00	07N	618717	7038035	-138.6190465	63.4508929	1436199	1024
1436201	BHC	Mark Severinsen	10/17/2016 0:00	07N	612173	7038229	-138.7500295	63.45475519		971
1436202	BHC	Mark Severinsen	10/17/2016 0:00	07N	612146	7038230	-138.7505698	63.45477267		982
1436203	BHC	Mark Severinsen	10/17/2016 0:00	07N	612123	7038229	-138.7510314	63.45477095		987
1436204	BHC	Mark Severinsen	10/17/2016 0:00	07N	612096	7038229	-138.7515725	63.45477946		976
1436205	BHC	Mark Severinsen	10/17/2016 0:00	07N	612071	7038231	-138.7520721	63.45480527		965
1436206	BHC	Mark Severinsen	10/17/2016 0:00	07N	612048	7038229	-138.7525344	63.45479457		978
1436207	BHC	Mark Severinsen	10/17/2016 0:00	07n	612020	7038230	-138.7530948	63.45481235		939
1436208	BHC	Mark Severinsen	10/17/2016 0:00	07N	611996	7038229	-138.7535765	63.45481094		957
1436209	BHC	Mark Severinsen	10/17/2016 0:00	07N	611971	7038228	-138.7540781	63.45480984		970
1436210	BHC	Mark Severinsen	10/17/2016 0:00	07N	611945	7038229	-138.7545985	63.45482699		964
1436210	BHC	Mark Severinsen	10/17/2016 0:00	07N	611945	7038229	-138.7545985	63.45482699		964
1436211	BHC	Mark Severinsen	10/17/2016 0:00	07N	611921	7038228	-138.7550801	63.45482557		956
1436212	BHC	Mark Severinsen	10/17/2016 0:00	07N	611896	7038230	-138.7555797	63.45485136		952
1436213	BHC	Mark Severinsen	10/17/2016 0:00	07N	611872	7038229	-138.7560614	63.45484994		953
1436214	BHC	Mark Severinsen	10/17/2016 0:00	07N	611846	7038230	-138.7565817	63.45486708		968
1436215	BHC	Mark Severinsen	10/17/2016 0:00	07N	611820	7038229	-138.7571034	63.45486628		967
1436216	BHC	Mark Severinsen	10/17/2016 0:00	07N	611797	7038229	-138.7575643	63.45487351		967
1436217	BHC	Mark Severinsen	10/17/2016 0:00	07N	611771	7038229	-138.7580854	63.45488168		975
1436218	BHC	Mark Severinsen	10/17/2016 0:00	07n	611745	7038229	-138.7586064	63.45488984		961
1436226	BHC	Mark Severinsen	10/18/2016 0:00	07N	611445	7038629	-138.7643384	63.45857106		972
1436227	BHC	Mark Severinsen	10/18/2016 0:00	07N	611470	7038632	-138.7638352	63.45859014		979
1436228	BHC	Mark Severinsen	10/18/2016 0:00	07N	611496	7038631	-138.7633148	63.45857302		985
1436229	BHC	Mark Severinsen	10/18/2016 0:00	07N	611522	7038630	-138.7627944	63.45855591		980
1436230	BHC	Mark Severinsen	10/18/2016 0:00	07N	611546	7038632	-138.762312	63.45856632		996
1436231	BHC	Mark Severinsen	10/18/2016 0:00	07N	611571	7038631	-138.7618116	63.45854951		1003
1436232	BHC	Mark Severinsen	10/18/2016 0:00	07N	611596	7038631	-138.7613106	63.45854167		1009
1436233	BHC	Mark Severinsen	10/18/2016 0:00	07N	611622	7038632	-138.7607888	63.45854249		1006
1436234	BHC	Mark Severinsen	10/19/2016 0:00	07n	612752	7037927	-138.7386405	63.45186397		856
1436235	BHC	Mark Severinsen	10/19/2016 0:00	07N	612722	7037928	-138.7392409	63.45188244		814



sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1436197	Auger	60	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Damp	Good	Silt
1436198	Auger	50	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Damp	Good	Sand
1436199	Auger	40	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1436200	Auger	40	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1436201	Auger	40	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Sand
1436202	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Sand
1436203	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1436204	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436205	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1436206	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436207	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1436208	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436209	Mattock	50	C	Steep	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1436210	Auger	50	C	Steep	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Sand
1436210	Auger	50	C	Steep	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Sand
1436211	Auger	70	C	Steep	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1436212	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1436213	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1436214	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1436215	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436216	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436217	Auger	50	B	Subtle Slope	Dark Brown	Old Burn	Grass Cover	Damp	Good	Silt
1436218	Auger	60	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1436226	Auger	60	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Leaf Cover	Damp	Good	Silt
1436227	Auger	30	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Silt
1436228	Auger	50	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Leaf Cover	Damp	Good	Silt
1436229	Auger	40	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Burnt Moss	Damp	Good	Silt
1436230	Auger	40	C	Pronounced Slope	Reddish Yellow	Dwarf Birch	Leaf Cover	Dry	Good	Silt
1436231	Hands	20	B	Pronounced Slope	Light Brown	Dwarf Birch	Bare Soil	Dry	Good	Sand
1436232	Auger	50	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Silt
1436233	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Bare Soil	Dry	Good	Sand
1436234	Auger	60	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1436235	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1436197	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1	13.5
1436198	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1	13.9
1436199	Coarse	Rocky Terrain		SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.3	10.9
1436200	Coarse	Rocky Terrain		SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.2	10.6
1436201	Coarse	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	47.8
1436202	Coarse	Sandy	Rocky, partially fro	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.1	39.7
1436203	Coarse	Sandy	Rocky	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	27.2
1436204	Fine	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	34.5
1436205	Coarse	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	39.9
1436206	Fine	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	33.8
1436207	Fine	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.3	31.5
1436208	Fine	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	23.2
1436209	Sandy	Fine		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	56.4
1436210	Coarse	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.3	50.5
1436210	Coarse	Rocky Sample		REP	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.3	50.9
1436211	Coarse	Sandy	Micah	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	51.6
1436212	Clay	Coarse	Orange rust	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	50.7
1436213	Clay	Coarse		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	37.5
1436214	Fine	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	25.9
1436215	Sandy	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	28.6
1436216	Coarse	Sandy	Rocky	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	32.9
1436217	Fine	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	23.7
1436218	Fine	Clay		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.7	33.6
1436226	Fine	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	20.5
1436227	Sandy	Frozen	Small sample	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	22.2
1436228	Coarse	Partially Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	23.7
1436229	Fine	Partially Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	24
1436230	Coarse	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	26
1436231	Coarse	Frozen	Frozen ground	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	23.3
1436232	Coarse	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	18.9
1436233	Fine	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	15.8
1436234	Coarse	Partially Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	34.6
1436235	Coarse	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	25.1

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1436197	10.3	46	0.05	16.1	7.6	272	2.37	7.6	1.2	4.4	7.2	12	0.05	0.5	0.2	46	0.15	0.043	19
1436198	10.1	50	0.05	17.2	7.9	309	2.49	8.5	1.1	3	5.8	12	0.05	0.5	0.2	46	0.17	0.047	19
1436199	10.6	47	0.05	12.5	6.7	253	2.32	5.6	2.2	4.8	9.8	10	0.1	0.4	0.2	44	0.15	0.043	35
1436200	10.2	48	0.05	12.1	6.6	254	2.26	5.2	2.3	3.6	9.9	10	0.1	0.4	0.2	43	0.16	0.044	37
1436201	6.2	46	0.05	62.2	27.1	279	3.09	7.6	0.3	2.9	1.8	125	0.05	0.2	0.05	86	0.85	0.167	7
1436202	3.5	21	0.05	38.5	17.2	77	1.41	2.7	0.4	3.7	1.2	160	0.05	0.05	0.05	41	1.15	0.311	10
1436203	8	36	0.05	27.2	13.7	174	2.12	6.6	0.5	1.9	2.6	79	0.05	0.3	0.05	47	0.59	0.164	10
1436204	6.8	31	0.05	32	12.6	145	1.98	7.2	0.5	2.5	2.4	80	0.05	0.3	0.05	45	0.55	0.108	10
1436205	7.7	32	0.05	46.3	13.6	199	2	7	0.6	7.8	2.5	94	0.05	0.4	0.1	45	0.66	0.155	11
1436206	8.8	48	0.05	29.6	12.3	313	2.17	7.2	0.6	3.9	3.5	65	0.05	0.5	0.1	46	0.55	0.1	14
1436207	5.3	28	0.05	29.8	15.9	269	2.03	8.2	0.5	3	1.7	120	0.05	0.3	0.05	57	1.06	0.19	8
1436208	6.3	33	0.05	29.6	11.7	272	1.99	8.3	0.4	3.6	2.3	28	0.05	0.3	0.05	46	0.27	0.027	7
1436209	7.5	38	0.05	44.3	16.1	256	2.44	7.1	0.4	5.1	2.5	78	0.05	0.4	0.05	53	0.63	0.074	11
1436210	4.9	31	0.05	34.6	32.3	325	2.7	4.3	0.4	6.8	1.1	201	0.05	0.2	0.05	61	1.61	0.322	6
1436210	4.9	32	0.05	36	33	336	2.84	4.3	0.4	5.8	1.1	206	0.05	0.2	0.05	62	1.57	0.329	6
1436211	3.9	27	0.05	29.7	21.8	194	2.2	3.9	0.2	5.1	0.9	92	0.05	0.2	0.05	55	0.99	0.218	5
1436212	9.9	31	0.1	32.1	17.9	217	2.27	10.9	0.3	9.6	2	78	0.05	0.4	0.05	56	0.72	0.05	10
1436213	8.3	35	0.05	24.1	17.9	307	2.67	9.9	0.6	4.9	2	81	0.05	0.4	0.05	86	0.9	0.136	9
1436214	7.3	37	0.05	28.4	11.6	313	2.17	7	0.4	1.6	2.1	38	0.05	0.4	0.05	52	0.38	0.027	8
1436215	7.6	37	0.05	24.4	12.9	261	2.22	6.6	0.5	2.6	2.1	82	0.05	0.3	0.05	61	0.78	0.112	10
1436216	8.1	41	0.05	27.8	11.5	274	2.22	7.3	0.5	3.1	2.6	49	0.05	0.5	0.1	49	0.45	0.056	11
1436217	8.6	40	0.05	22.8	11.1	357	2.25	8	0.7	1	2.9	43	0.05	0.4	0.1	53	0.43	0.031	12
1436218	13	44	0.05	27.2	16.4	481	2.56	20.3	0.8	5.1	3.2	70	0.05	0.5	0.1	69	0.64	0.045	13
1436226	8.5	46	0.05	23.6	10.6	233	2.33	7.1	0.4	1.5	2	34	0.05	0.5	0.1	49	0.28	0.029	10
1436227	6.9	42	0.05	20.5	9.7	273	2.06	6.7	0.8	4.4	3.1	45	0.05	0.4	0.1	44	0.45	0.048	12
1436228	7.6	45	0.05	21.7	10.5	229	2.2	7.5	0.8	1.9	3	42	0.05	0.5	0.1	47	0.43	0.058	12
1436229	8	42	0.05	20.1	10.2	283	2.13	6.9	0.8	5.5	3.1	47	0.05	0.4	0.1	45	0.46	0.043	13
1436230	7.3	42	0.05	23.6	12.1	213	2.23	7.4	0.6	3.9	3.3	49	0.05	0.5	0.1	44	0.41	0.053	12
1436231	7.2	45	0.05	22	10.5	209	2.46	6.8	0.3	1.1	2.5	37	0.05	0.5	0.1	52	0.26	0.033	8
1436232	7	38	0.05	20.6	8.7	171	1.99	5.9	0.5	1.4	2.8	43	0.05	0.4	0.1	44	0.35	0.033	11
1436233	3.9	35	0.05	18.1	9.2	162	1.78	4.5	0.2	0.8	1.5	75	0.05	0.2	0.05	38	0.37	0.044	5
1436234	7.2	37	0.05	24.4	9.9	216	2.1	9	0.7	18.4	4	58	0.05	0.4	0.05	43	0.49	0.051	12
1436235	7.5	35	0.05	20.1	9.5	168	1.92	7	0.6	4.5	3.7	48	0.05	0.3	0.05	40	0.42	0.028	12

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1436197	30	0.48	167	0.063	0	1.46	0.005	0.09	0.2	0.03	3.6	0.2	0.025	5	0.25	0.1
1436198	28	0.48	160	0.059	0	1.44	0.005	0.1	0.2	0.04	3.2	0.2	0.025	5	0.6	0.1
1436199	25	0.47	167	0.069	1	1.37	0.005	0.16	0.3	0.07	3.1	0.2	0.025	5	0.25	0.1
1436200	24	0.46	169	0.069	0	1.32	0.005	0.17	0.2	0.04	3.2	0.2	0.025	5	0.25	0.1
1436201	232	1.4	391	0.149	0	5	0.024	0.1	0.05	0.02	3.9	0.05	0.025	9	0.25	0.1
1436202	30	0.72	665	0.055	0	3.33	0.075	0.02	0.05	0.01	3.2	0.05	0.025	6	0.25	0.1
1436203	32	0.66	229	0.044	1	2.24	0.018	0.03	0.05	0.005	3.2	0.05	0.025	5	0.25	0.1
1436204	39	0.58	221	0.033	0	2.34	0.019	0.03	0.05	0.02	4.2	0.05	0.025	4	0.25	0.1
1436205	48	0.57	290	0.047	0	2.12	0.026	0.03	0.1	0.02	4.6	0.05	0.025	5	0.25	0.1
1436206	36	0.53	306	0.061	0	1.71	0.026	0.04	0.1	0.04	4.4	0.05	0.025	4	0.25	0.1
1436207	53	0.83	192	0.053	0	2.35	0.03	0.03	0.1	0.02	4.8	0.05	0.025	5	0.25	0.1
1436208	52	0.64	195	0.043	0	1.67	0.01	0.03	0.1	0.01	3.3	0.05	0.025	4	0.25	0.1
1436209	44	0.68	373	0.048	0	2.58	0.036	0.03	0.1	0.04	5.7	0.05	0.025	5	0.25	0.1
1436210	34	0.6	201	0.02	0	3.83	0.135	0.02	0.05	0.02	4.4	0.05	0.025	7	0.25	0.1
1436210	35	0.62	209	0.021	0	3.82	0.136	0.02	0.05	0.02	4.3	0.05	0.025	8	0.25	0.1
1436211	57	0.73	144	0.024	0	2.5	0.035	0.01	0.05	0.03	4.4	0.05	0.025	5	0.25	0.1
1436212	34	0.73	294	0.033	0	3.39	0.04	0.02	0.05	0.06	6.3	0.05	0.025	6	0.25	0.1
1436213	34	0.73	322	0.043	0	2.78	0.027	0.03	0.05	0.02	6.6	0.05	0.025	6	0.25	0.1
1436214	38	0.58	240	0.037	0	2.11	0.011	0.03	0.1	0.02	3.8	0.05	0.025	5	0.25	0.1
1436215	33	0.65	303	0.041	0	2.52	0.028	0.03	0.1	0.02	4.7	0.05	0.025	6	0.25	0.1
1436216	36	0.57	314	0.043	0	2.08	0.017	0.04	0.1	0.03	4.8	0.05	0.025	5	0.25	0.1
1436217	33	0.53	363	0.045	0	2.16	0.019	0.04	0.1	0.01	4.4	0.05	0.025	5	0.25	0.1
1436218	36	0.56	354	0.05	0	3.21	0.03	0.04	0.05	0.04	5.7	0.05	0.025	7	0.25	0.1
1436226	43	0.6	196	0.05	1	2.16	0.009	0.04	0.1	0.02	3	0.05	0.025	5	0.25	0.1
1436227	36	0.59	262	0.054	0	1.88	0.017	0.03	0.2	0.02	3.7	0.05	0.025	5	0.25	0.1
1436228	34	0.56	261	0.052	0	2.01	0.017	0.03	0.1	0.02	4	0.05	0.025	5	0.25	0.1
1436229	33	0.55	299	0.051	1	2.07	0.016	0.03	0.2	0.02	4	0.05	0.025	5	0.25	0.1
1436230	39	0.59	251	0.057	2	2.11	0.022	0.03	0.1	0.01	3.9	0.05	0.025	5	0.25	0.1
1436231	41	0.69	168	0.051	0	2.51	0.01	0.03	0.2	0.01	3.2	0.05	0.025	6	0.25	0.1
1436232	38	0.56	200	0.052	0	1.78	0.012	0.03	0.1	0.01	3.4	0.05	0.025	5	0.25	0.1
1436233	35	0.78	206	0.04	0	2.43	0.015	0.02	0.05	0.005	3.2	0.05	0.025	5	0.25	0.1
1436234	40	0.6	263	0.063	0	1.77	0.028	0.04	0.1	0.04	4.6	0.05	0.025	4	0.25	0.1
1436235	33	0.56	220	0.055	0	1.7	0.023	0.03	0.2	0.02	3.5	0.05	0.025	4	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1436236	BHC	Mark Severinsen	10/19/2016 0:00	07N	612698	7037929	-138.7397211	63.45189901		810
1436237	BHC	Mark Severinsen	10/19/2016 0:00	07N	612672	7037929	-138.740242	63.45190724		863
1436238	BHC	Mark Severinsen	10/19/2016 0:00	07N	612650	7037929	-138.7406829	63.45191421		809
1436239	BHC	Mark Severinsen	10/19/2016 0:00	07N	612622	7037929	-138.7412439	63.45192307		821
1436240	BHC	Mark Severinsen	10/19/2016 0:00	07N	612597	7037929	-138.7417448	63.45193098		827
1436241	BHC	Mark Severinsen	10/19/2016 0:00	07n	612572	7037929	-138.7422458	63.45193889		819
1436241	BHC	Mark Severinsen	10/19/2016 0:00	07n	612572	7037929	-138.7422458	63.45193889		819
1436242	BHC	Mark Severinsen	10/19/2016 0:00	07N	612548	7037928	-138.7427274	63.45193751		843
1436243	BHC	Mark Severinsen	10/19/2016 0:00	07N	612523	7037929	-138.7432276	63.45195438		843
1436244	BHC	Mark Severinsen	10/19/2016 0:00	07N	612498	7037929	-138.7437285	63.45196228		818
1436245	BHC	Mark Severinsen	10/19/2016 0:00	07N	612472	7037929	-138.7442495	63.4519705		844
1436246	BHC	Mark Severinsen	10/19/2016 0:00	07N	612448	7037929	-138.7447304	63.45197808		851
1436247	BHC	Mark Severinsen	10/19/2016 0:00	07N	612423	7037930	-138.7452306	63.45199495		855
1436248	BHC	Mark Severinsen	10/19/2016 0:00	07N	612397	7037928	-138.745753	63.45198522		867
1436249	BHC	Mark Severinsen	10/19/2016 0:00	07N	612373	7037928	-138.7462339	63.4519928		881
1436250	BHC	Mark Severinsen	10/19/2016 0:00	07N	612373	7037928	-138.7462339	63.4519928	1436249	875
1436726	BHC	Grace Bisaro	10/24/2016 0:00	07N	616685	7032531	-138.6637824	63.40220899		820
1436726	BHC	Grace Bisaro	10/24/2016 0:00	07N	616685	7032531	-138.6637824	63.40220899		820
1436727	BHC	Grace Bisaro	10/24/2016 0:00	07N	616710	7032531	-138.6632823	63.40220081		818
1436728	BHC	Grace Bisaro	10/24/2016 0:00	07N	616736	7032532	-138.6627615	63.40220127		816
1436729	BHC	Grace Bisaro	10/24/2016 0:00	07N	616761	7032531	-138.6622622	63.40218412		809
1436730	BHC	Grace Bisaro	10/24/2016 0:00	07N	616787	7032530	-138.6617429	63.40216664		805
1436731	BHC	Grace Bisaro	10/24/2016 0:00	07N	616810	7032532	-138.6612814	63.40217705		799
1436732	BHC	Grace Bisaro	10/24/2016 0:00	07N	616836	7032530	-138.6607628	63.4021506		792
1436733	BHC	Grace Bisaro	10/24/2016 0:00	07N	616861	7032530	-138.6602628	63.40214241		783
1436734	BHC	Grace Bisaro	10/24/2016 0:00	07N	616885	7032531	-138.659782	63.40214351		774
1436735	BHC	Grace Bisaro	10/24/2016 0:00	07N	616910	7032530	-138.6592827	63.40212635		766
1436736	BHC	Grace Bisaro	10/24/2016 0:00	07N	616935	7032530	-138.6587827	63.40211815		762
1436737	BHC	Grace Bisaro	10/24/2016 0:00	07N	616960	7032531	-138.6582819	63.40211893		752
1436738	BHC	Grace Bisaro	10/24/2016 0:00	07N	616986	7032531	-138.6577619	63.4021104		745
1436739	BHC	Grace Bisaro	10/24/2016 0:00	07N	617011	7032530	-138.6572626	63.40209323		737
1436740	BHC	Grace Bisaro	10/24/2016 0:00	07N	617036	7032530	-138.6567626	63.40208503		730
1436741	BHC	Grace Bisaro	10/24/2016 0:00	07N	617061	7032531	-138.6562618	63.40208579		725

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1436236	Auger	50	B	Subtle Slope	Dark Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1436237	Auger	60	C	Subtle Slope	Bluish Grey	Dwarf Birch	Grass Cover	Wet	Good	Silt
1436238	Auger	80	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Wet	Good	Gravel
1436239	Auger	80	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1436240	Auger	80	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1436241	Auger	90	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Damp	Good	Silt
1436241	Auger	90	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Damp	Good	Silt
1436242	Auger	80	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Damp	Good	Silt
1436243	Auger	80	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Damp	Good	Silt
1436244	Auger	50	C	Subtle Slope	Reddish Yellow	Dwarf Birch	Grass Cover	Dry	Excellent	Sand
1436245	Auger	20	B	Pronounced Slope	Light Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1436246	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Excellent	Sand
1436247	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Excellent	Silt
1436248	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436249	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436250	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436726	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Sand
1436726	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Sand
1436727	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436728	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Poor	Silt
1436729	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Sand
1436730	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Poor	Silt
1436731	Auger	90	C	Subtle Slope	Reddish Orange	Old Burn	Grass Cover	Dry	Good	Silt
1436732	Auger	100	C	Pronounced Slope	Reddish Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436733	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436734	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436735	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Sand
1436736	Auger	70	C	Pronounced Slope	Reddish Orange	Old Burn	Grass Cover	Damp	Good	Sand
1436737	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1436738	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1436739	Auger	40	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1436740	Mattock	40	B	Pronounced Slope	Dark Brown	Old Burn	Grass Cover	Dry	Poor	Silt
1436741	Auger	50	C	Steep	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1436236	Coarse	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	44.7
1436237	Fine	Frozen	Mud, micah	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.3	35.7
1436238	Mud	Coarse	Rocky	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.3	28.4
1436239	Coarse	Organic 10%		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	41.5
1436240	Coarse	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	32.2
1436241	Sandy	Mud		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	34.1
1436241	Sandy	Mud		REP	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	35.7
1436242	Mud	Frozen	Micah	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.8	39.7
1436243	Sandy	Partially Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	40.7
1436244	Coarse	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	33.8
1436245	Fine	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	31.7
1436246	Coarse	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	58.1
1436247	Coarse	Sandy	Tacky texture	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.1	52.3
1436248	Fine	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	53.8
1436249	Coarse	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	62.5
1436250	Coarse	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	58.9
1436726				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	14.1
1436726				REP	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	13.1
1436727				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	35.6
1436728	Sandy	Rocky Sample		SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	11.1
1436729				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	17
1436730				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1	13.4
1436731				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.7	34.1
1436732				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	41.8
1436733				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	30.9
1436734				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	35.1
1436735				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	37.5
1436736				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.3	39.6
1436737				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.3	30.5
1436738				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	30.9
1436739				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1	14.1
1436740				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1	37.5
1436741	Rocky Sample			SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.9	16

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1436236	6.8	38	0.1	37	13	382	2.31	7.8	1.9	2.9	3.9	61	0.05	0.3	0.2	48	0.8	0.051	17
1436237	5.6	37	0.05	40.8	13.6	274	2.19	5.2	1.2	5.5	3	68	0.05	0.3	0.3	44	0.78	0.067	15
1436238	6	41	0.05	35.4	14	346	2.51	7.4	0.8	3.6	3.9	71	0.05	0.3	0.2	53	0.8	0.095	13
1436239	6.6	50	0.05	53.1	16	296	2.78	8.7	1.4	4.5	4.8	81	0.05	0.4	0.3	54	0.88	0.091	18
1436240	7.6	46	0.05	51.9	15.3	362	2.77	6.8	1	1.5	3.4	69	0.1	0.3	0.1	58	0.96	0.076	14
1436241	9.7	48	0.05	37.8	13.6	384	2.56	7.3	1	4.1	3.7	66	0.05	0.4	0.05	55	0.92	0.071	14
1436241	9.8	51	0.05	38.9	13.8	380	2.54	7.4	0.9	7.9	3.5	69	0.05	0.4	0.1	55	0.93	0.072	14
1436242	13.2	43	0.1	45.2	12.7	349	2.57	8.9	1.1	6.2	4	58	0.1	0.5	0.1	55	0.83	0.071	16
1436243	9.9	46	0.05	40.4	13.1	304	2.45	7.3	1	12.6	3.8	72	0.1	0.4	0.1	56	0.84	0.08	16
1436244	6.3	45	0.05	38.3	14.6	345	2.53	6	0.7	12	4.1	66	0.05	0.3	0.05	62	0.98	0.112	12
1436245	6.8	46	0.05	31.8	12.9	288	2.48	7.3	0.7	14	3.4	68	0.1	0.4	0.1	62	0.68	0.068	13
1436246	4.4	60	0.05	35.6	13.9	242	2.42	9.8	0.7	13.8	3.4	128	0.05	0.3	0.1	83	1.02	0.187	10
1436247	7	46	0.05	42.6	19.9	313	3.02	4.2	1	10.5	6.8	267	0.05	0.2	0.05	71	1.69	0.272	18
1436248	5.6	38	0.05	70.9	18	211	2.6	6.8	0.6	6.1	7.6	86	0.05	0.2	0.05	54	0.76	0.052	23
1436249	6.1	37	0.05	181.3	25.8	288	2.31	12.3	0.4	8.5	3.1	70	0.05	0.4	0.1	42	0.66	0.049	12
1436250	7.9	41	0.05	152	23.5	274	2.34	13.5	0.5	16.6	3.5	63	0.05	0.4	0.1	45	0.59	0.054	13
1436726	17.7	73	0.2	25.1	14	317	3.42	4.4	0.6	0.25	5.6	33	0.1	0.3	0.2	47	0.3	0.03	10
1436726	17.1	71	0.2	22.6	13.9	314	3.38	4.4	0.6	1.7	5.5	33	0.05	0.2	0.2	47	0.3	0.03	10
1436727	18.1	94	0.05	36.9	15.4	253	4.31	7.3	1.6	0.25	18.7	47	0.05	0.3	0.4	48	0.24	0.029	24
1436728	13.2	61	0.2	20.1	10.4	455	2.87	3.8	0.5	0.25	4	36	0.1	0.3	0.2	52	0.44	0.046	15
1436729	17	78	0.05	24.7	14.1	414	3.82	3.7	0.8	0.25	8.9	25	0.05	0.2	0.3	49	0.17	0.022	21
1436730	14	61	0.2	21.1	9.2	303	2.99	6.7	0.5	0.8	5	19	0.05	0.5	0.2	52	0.19	0.021	11
1436731	14.1	75	0.05	37	14.4	222	3.85	8.1	1.2	2.3	21.7	18	0.05	0.5	0.2	46	0.14	0.017	25
1436732	29.9	90	0.05	35.4	16.2	197	4.71	8.1	2.4	1.4	34.4	16	0.05	0.3	0.5	32	0.22	0.031	100
1436733	15.9	80	0.05	34.4	15.7	309	3.96	6.2	1	2.4	15.4	26	0.05	0.4	0.3	45	0.17	0.026	22
1436734	17.7	91	0.05	34.6	15.8	503	4.13	5	1.8	2	23.8	24	0.05	0.4	0.4	45	0.29	0.038	60
1436735	13.8	71	0.05	34.3	15.3	369	3.74	6.8	1.3	2.7	21.2	21	0.05	0.5	0.3	50	0.25	0.036	44
1436736	28.7	87	0.05	31.6	14.6	412	4.19	15.9	1.6	1.6	22.9	37	0.05	0.6	0.3	44	0.32	0.026	61
1436737	21.6	94	0.05	33.2	14.7	601	4.33	5.7	1.9	0.9	22.2	15	0.05	0.4	0.3	50	0.25	0.035	73
1436738	15.1	81	0.05	40.4	20.2	418	4.08	3.4	1.6	2.4	21.9	17	0.05	0.2	0.3	51	0.29	0.058	94
1436739	12.1	61	0.05	18.8	10.6	305	2.83	8.7	1	0.25	8	13	0.05	0.4	0.2	46	0.17	0.027	9
1436740	19.2	74	0.7	25.6	10.7	620	3.1	13.1	7.4	9.1	25.7	39	0.2	0.7	0.6	43	0.54	0.059	182
1436741	12.9	59	0.05	21.4	8.5	248	2.78	9.4	0.8	1.5	8.1	14	0.05	0.5	0.3	55	0.16	0.035	13



sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1436236	70	0.88	292	0.075	1	1.89	0.031	0.04	0.1	0.04	5.4	0.05	0.025	5	0.25	0.1
1436237	76	0.94	347	0.075	1	1.76	0.021	0.05	0.2	0.03	4.8	0.05	0.025	5	0.25	0.1
1436238	79	1	393	0.109	1	2	0.03	0.17	0.2	0.03	4.8	0.1	0.025	6	0.25	0.1
1436239	91	1.29	426	0.115	1	2.05	0.032	0.18	0.2	0.03	6.9	0.2	0.025	7	0.25	0.1
1436240	89	1.22	408	0.095	1	2.13	0.029	0.11	0.1	0.02	6.1	0.05	0.025	6	0.25	0.1
1436241	68	0.93	357	0.082	1	2.23	0.038	0.05	0.1	0.02	5.5	0.05	0.025	6	0.25	0.1
1436241	68	0.93	355	0.082	1	2.27	0.039	0.05	0.1	0.03	5	0.05	0.025	7	0.25	0.1
1436242	60	0.81	354	0.073	2	2.08	0.035	0.05	0.1	0.03	4.7	0.05	0.025	5	0.25	0.1
1436243	55	0.8	398	0.075	1	2.26	0.04	0.05	0.1	0.03	4.3	0.05	0.025	6	0.25	0.1
1436244	90	1.16	306	0.107	1	2.25	0.047	0.23	0.1	0.01	6.4	0.1	0.025	7	0.25	0.1
1436245	49	0.74	361	0.079	0	2.33	0.039	0.07	0.05	0.02	4.6	0.05	0.025	6	0.25	0.1
1436246	59	0.75	385	0.076	0	2.01	0.041	0.19	0.05	0.005	5.7	0.1	0.025	5	0.25	0.1
1436247	72	1.36	630	0.147	0	3.96	0.131	0.42	0.05	0.02	8	0.2	0.025	10	0.25	0.1
1436248	111	1.34	483	0.142	0	2.72	0.06	0.09	0.05	0.01	5.5	0.05	0.025	7	0.25	0.1
1436249	177	1.38	407	0.065	2	2.15	0.057	0.03	0.05	0.02	3.9	0.05	0.025	5	0.25	0.1
1436250	162	1.27	419	0.07	2	2.12	0.04	0.03	0.05	0.02	4.5	0.05	0.025	5	0.25	0.1
1436726	33	0.68	275	0.147	0	2.3	0.01	0.5	0.05	0.005	2.8	0.3	0.025	8	0.25	0.1
1436726	32	0.67	269	0.143	0	2.28	0.01	0.5	0.05	0.01	2.8	0.3	0.025	8	0.25	0.1
1436727	42	0.94	267	0.19	0	3.2	0.015	0.95	0.05	0.005	4.7	0.6	0.025	9	0.25	0.1
1436728	39	0.55	313	0.116	1	1.66	0.007	0.31	0.1	0.01	2.8	0.2	0.025	7	0.25	0.1
1436729	40	0.84	264	0.229	0	2.4	0.01	0.85	0.05	0.005	4	0.5	0.025	9	0.25	0.1
1436730	29	0.5	224	0.065	1	1.68	0.006	0.22	0.1	0.005	2.4	0.1	0.025	6	0.25	0.1
1436731	40	0.85	163	0.128	0	2.38	0.007	0.52	0.1	0.005	4.4	0.5	0.025	6	0.25	0.1
1436732	34	0.98	222	0.147	0	2.84	0.008	0.85	0.05	0.01	5.2	0.6	0.025	8	0.25	0.1
1436733	40	0.92	293	0.189	0	2.47	0.008	0.87	0.05	0.01	4.2	0.6	0.025	7	0.25	0.1
1436734	41	0.96	287	0.173	0	2.44	0.012	0.74	0.1	0.02	6.3	0.5	0.025	9	0.25	0.1
1436735	50	0.86	301	0.194	0	2.19	0.011	0.7	0.1	0.03	6.3	0.5	0.025	8	0.25	0.1
1436736	43	0.97	234	0.149	0	2.5	0.01	0.81	0.05	0.02	5.8	0.6	0.025	9	0.25	0.1
1436737	50	1.05	282	0.255	0	2.7	0.009	1.36	0.05	0.01	6.9	0.8	0.025	10	0.25	0.1
1436738	94	1.28	446	0.242	0	2.85	0.009	1.14	0.05	0.005	5.3	0.6	0.025	9	0.25	0.1
1436739	32	0.64	162	0.107	1	1.62	0.007	0.35	0.2	0.02	3	0.4	0.025	6	0.25	0.1
1436740	34	0.57	315	0.081	2	2.2	0.01	0.35	0.3	0.12	6.5	0.3	0.025	8	1.1	0.1
1436741	30	0.52	184	0.065	1	1.82	0.007	0.25	0.2	0.01	2.9	0.2	0.025	5	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1436742	BHC	Grace Bisaro GB01	10/24/2016 0:00	07N	617085	7032531	-138.6557817	63.40207792		724
1436743	BHC	Grace Bisaro GB01	10/24/2016 0:00	07N	617111	7032531	-138.6552617	63.40206938		724
1436901	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618220	7038436	-138.6287063	63.45465409		1146
1436902	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618242	7038436	-138.6282655	63.45464678		1161
1436903	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618269	7038436	-138.6277245	63.45463781		1139
1436904	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618294	7038435	-138.6272243	63.45462053		1147
1436905	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618319	7038435	-138.6267233	63.45461222		1126
1436906	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618344	7038435	-138.6262224	63.45460391		1114
1436907	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618393	7038437	-138.6252391	63.45460554		1108
1436907	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618393	7038437	-138.6252391	63.45460554		1108
1436908	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618370	7038436	-138.6257007	63.45460423		1103
1436909	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618420	7038436	-138.6246988	63.45458759		1095
1436910	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618447	7038436	-138.6241578	63.45457861		1097
1436911	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618473	7038436	-138.6236368	63.45456996		1056
1436912	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618494	7038436	-138.623216	63.45456296		1009
1436913	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618519	7038437	-138.6227143	63.45456361		1071
1436914	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618544	7038436	-138.6222141	63.45454631		1054
1436915	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618570	7038435	-138.6216939	63.45452868		1029
1436916	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618595	7038437	-138.6211915	63.45453829		1039
1436917	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618620	7038435	-138.620692	63.45451202		1040
1436918	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618646	7038435	-138.620171	63.45450336		1007
1436919	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618669	7038436	-138.6197094	63.45450465		1059
1436920	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618694	7038436	-138.6192085	63.45449632		1058
1436921	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618719	7038437	-138.6187068	63.45449695		1032
1436922	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618745	7038438	-138.6181851	63.45449724		1042
1436923	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	611122	7040947	-138.7691929	63.47945965		1055
1436924	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	611095	7040947	-138.7697344	63.47946809		1027
1436925	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	611095	7040947	-138.7697344	63.47946809	1436924	1028
1436926	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	611070	7040949	-138.7702345	63.47949384		1030
1436927	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	611045	7040948	-138.7707366	63.47949268		1036
1436928	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	611021	7040949	-138.7712173	63.47950914		1025
1436929	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610995	7040949	-138.7717387	63.47951726		1017
1436930	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610970	7040948	-138.7722409	63.4795161		1049

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1436742	Auger	50	B	Steep	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Silt
1436743	Auger	50	C	Steep	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Sand
1436901	Auger	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1436902	Auger	40	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1436903	Auger	50	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1436904	Auger	50	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1436905	Auger	50	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1436906	Auger	40	B	Pronounced Slope	Dark Blue Black	Pine	Reindeer Moss	Dry	Good	Silt
1436907	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Reindeer Moss	Dry	Poor	Silt
1436907	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Reindeer Moss	Dry	Poor	Silt
1436908	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Reindeer Moss	Dry	Good	Silt
1436909	Auger	30	B	Pronounced Slope	Chocolate Brown	Poplar	Grass Cover	Dry	Good	Silt
1436910	Auger	30	B	Steep	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436911	Auger	20	B	Steep	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436912	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436913	Auger	50	B	Pronounced Slope	Chocolate Brown	White Spruce	Reindeer Moss	Dry	Good	Silt
1436914	Auger	30	B	Subtle Slope	Chocolate Brown	Black Spruce	Grass Cover	Dry	Poor	Silt
1436915	Auger	50	B	Pronounced Slope	Chocolate Brown	Alders	Reindeer Moss	Dry	Good	Silt
1436916	Auger	50	B	Steep	Chocolate Brown	Poplar	Grass Cover	Dry	Good	Silt
1436917	Auger	40	B	Pronounced Slope	Chocolate Brown	Birch Forest	Grass Cover	Dry	Good	Silt
1436918	Auger	40	B	Steep	Chocolate Brown	Poplar	Grass Cover	Dry	Good	Silt
1436919	Auger	50	B	Steep	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436920	Auger	40	B	Steep	Chocolate Brown	Poplar	Grass Cover	Dry	Good	Silt
1436921	Auger	50	B	Steep	Chocolate Brown	Poplar	Grass Cover	Dry	Good	Silt
1436922	Auger	40	B	Steep	Chocolate Brown	Alders	Grass Cover	Dry	Good	Silt
1436923	Auger	60	B	Subtle Slope	Chocolate Brown	Alders	Grass Cover	Dry	Good	Silt
1436924	Auger	20	B	Subtle Slope	Chocolate Brown	Alders	Grass Cover	Dry	Good	Silt
1436925	Auger	20	B	Subtle Slope	Chocolate Brown	Alders	Grass Cover	Dry	Good	Silt
1436926	Auger	30	B	Subtle Slope	Chocolate Brown	Alders	Grass Cover	Dry	Good	Silt
1436927	Auger	40	B	Subtle Slope	Chocolate Brown	Alders	Grass Cover	Dry	Good	Silt
1436928	Auger	20	B	Subtle Slope	Chocolate Brown	Alders	Grass Cover	Dry	Good	Silt
1436929	Auger	30	B	Subtle Slope	Chocolate Brown	Alders	Grass Cover	Dry	Good	Silt
1436930	Auger	30	B	Subtle Slope	Chocolate Brown	Alders	Grass Cover	Dry	Good	Silt

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1436742				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.2	25.8
1436743				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.2	41.2
1436901				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	2.5	39.7
1436902				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	2.9	28.4
1436903				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	2.6	35.4
1436904				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	2.1	28.4
1436905				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	2.5	20.5
1436906				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	2.2	19.8
1436907	Organic 25%	Rocky Terrain		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.6	15.8
1436907	Organic 25%	Rocky Terrain		REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.6	16
1436908				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.9	16.9
1436909	Small Sample			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	2.4	14.3
1436910	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	2	18.5
1436911				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.8	17.9
1436912				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	2	12.9
1436913	Organic 10%	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	2.1	12.8
1436914	Organic 10%	Rocky Terrain		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.6	11.3
1436915				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.3	17.4
1436916				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.3	14.1
1436917				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.2	14.9
1436918	Organic 25%			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.2	12.7
1436919				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.1	17.4
1436920				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.9	12.8
1436921				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.3	14.9
1436922				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.3	13
1436923	Partially Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	27.8
1436924	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1	11
1436925	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.9	11.9
1436926	Partially Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.2	11.3
1436927	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.3	11.8
1436928				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.3	15.3
1436929	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.8	14
1436930	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.8	10.9

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1436742	19	65	0.1	25.1	9.3	277	3.06	13.2	1.9	4.7	21	19	0.05	0.6	0.5	50	0.28	0.033	38
1436743	17.9	77	0.05	35.3	13	461	3.52	13.1	1.7	3.3	18.8	20	0.1	1	0.3	62	0.23	0.029	43
1436901	14.6	69	0.2	19.6	10.4	487	3.21	7.9	1.6	14.6	5.6	13	0.2	0.6	0.3	57	0.14	0.048	27
1436902	14	70	0.2	18.6	9.4	391	3.53	10.8	1.4	5.8	9.3	13	0.1	0.6	0.4	64	0.13	0.037	23
1436903	12	67	0.05	18.9	10.6	439	3.16	6.5	2	5.5	12.8	10	0.05	0.6	0.3	50	0.12	0.032	33
1436904	13.3	66	0.05	19.7	10.2	438	3.23	9.8	1.7	8.2	9.9	12	0.05	0.6	0.3	59	0.13	0.034	25
1436905	16.2	63	0.1	19	9.6	404	3.25	11.2	1.7	5.7	10.4	12	0.1	0.8	0.3	56	0.12	0.045	22
1436906	16	67	0.2	18.7	11.4	699	2.95	9.9	1.9	6.3	4.9	13	0.2	0.6	0.3	55	0.15	0.065	36
1436907	14.8	68	0.1	14.6	7	454	2.47	8.3	1	2.9	1.6	26	0.7	0.4	0.3	49	0.32	0.092	20
1436907	14.9	69	0.1	15.1	7.1	455	2.49	8.3	1	1.3	1.6	26	0.7	0.4	0.3	49	0.32	0.092	19
1436908	16.1	61	0.05	19.5	9.8	327	3.15	10.8	1.9	4.6	11.5	14	0.05	0.6	0.3	57	0.14	0.027	35
1436909	17.2	66	0.1	15.5	8.4	620	3.25	11.9	1.3	1.9	2.9	18	0.5	0.6	0.3	65	0.19	0.095	26
1436910	21	64	0.2	17.2	12	891	3.17	7.9	2.8	2.4	9.1	12	0.2	0.5	0.3	60	0.14	0.065	72
1436911	18.2	108	0.4	13.7	10.5	1677	2.54	5.8	1.6	1.8	3	13	0.5	0.4	0.3	55	0.14	0.053	37
1436912	15	57	0.2	12.8	7.4	484	2.82	9.3	1.1	2	1.4	22	0.5	0.5	0.3	58	0.3	0.077	23
1436913	15	50	0.2	12.8	6.4	221	3.01	8.7	1.2	2	4.1	11	0.2	0.5	0.3	62	0.11	0.037	20
1436914	15.6	43	0.3	8	6.8	582	2.13	4.4	1	2.2	1.2	16	0.2	0.3	0.3	51	0.18	0.051	27
1436915	13.9	54	0.2	16.7	7.9	342	2.83	6.7	4.5	4	13.5	14	0.05	0.6	0.2	50	0.16	0.03	132
1436916	12.8	54	0.2	15.3	9.4	365	2.91	6.6	1.5	2.9	9.4	15	0.1	0.5	0.2	52	0.16	0.035	29
1436917	11.6	49	0.1	14.8	8.3	436	2.6	7.1	1.1	1.2	7.5	13	0.1	0.5	0.2	48	0.14	0.044	24
1436918	13.3	56	0.2	16.1	15.6	1470	2.71	5.6	1	1.4	6.2	19	0.2	0.4	0.2	49	0.18	0.077	19
1436919	11.1	53	0.05	18.4	7.8	281	2.62	8.9	0.9	2.8	9.9	14	0.05	0.5	0.2	49	0.14	0.031	17
1436920	10.5	48	0.2	16.7	10.2	556	2.43	8.1	0.6	0.9	4.7	21	0.1	0.4	0.2	47	0.24	0.043	12
1436921	11.3	54	0.05	16.3	7.4	264	2.55	7.6	1.2	1.5	10.4	9	0.05	0.6	0.2	44	0.11	0.048	19
1436922	12.4	56	0.2	15.6	7.7	293	2.78	9.3	1.1	1.9	9.2	13	0.05	0.5	0.2	52	0.15	0.054	22
1436923	9.9	45	0.05	20	8.2	255	2.48	9.1	1.5	2.4	8.2	21	0.05	0.6	0.2	52	0.26	0.035	36
1436924	11.8	69	0.2	11.3	11.6	1490	2.53	5.5	0.6	0.8	4.3	14	0.2	0.4	0.3	64	0.17	0.119	13
1436925	13.8	81	0.1	16.9	10.2	1366	3.21	10.1	0.8	1.8	6.6	15	0.1	0.5	0.5	72	0.17	0.104	15
1436926	14.8	80	0.05	20.8	10.9	401	3.51	10.3	0.8	6.3	8.6	14	0.1	0.7	0.7	76	0.15	0.069	13
1436927	10.7	57	0.1	15.8	8.2	284	3.04	10.5	0.6	2.1	5.5	10	0.05	0.6	0.6	59	0.11	0.038	10
1436928	13.2	52	0.1	20.5	10.1	562	3.19	12.3	0.7	1.6	5.9	11	0.2	0.7	0.2	68	0.11	0.049	15
1436929	15.8	62	0.1	12.8	8.8	456	3.05	15.4	1.2	18.1	9.7	13	0.1	1	0.5	51	0.16	0.056	12
1436930	12.8	58	0.05	14.3	10.9	818	3.02	10	0.9	2.4	9.7	12	0.05	0.8	0.2	57	0.15	0.045	16

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1436742	38	0.57	181	0.079	1	1.91	0.009	0.24	0.4	0.02	6.4	0.3	0.025	6	0.25	0.1
1436743	44	0.69	248	0.094	1	2.16	0.009	0.29	0.3	0.03	7.1	0.3	0.025	7	0.25	0.1
1436901	31	0.75	345	0.089	1	1.75	0.008	0.27	0.2	0.04	5.3	0.2	0.025	7	0.25	0.1
1436902	36	0.7	293	0.103	1	1.94	0.007	0.16	0.3	0.03	5.5	0.2	0.025	8	0.25	0.1
1436903	34	0.79	254	0.101	0	1.7	0.007	0.29	0.3	0.04	6.1	0.3	0.025	7	0.25	0.1
1436904	36	0.71	237	0.096	1	1.81	0.007	0.17	0.2	0.03	5.3	0.2	0.025	7	0.25	0.1
1436905	41	0.61	224	0.077	0	1.85	0.007	0.12	0.3	0.06	4.3	0.2	0.025	7	0.25	0.1
1436906	38	0.57	226	0.063	1	1.73	0.006	0.12	0.2	0.06	3.6	0.2	0.025	7	0.25	0.1
1436907	30	0.37	317	0.05	1	1.37	0.007	0.08	0.2	0.03	2.2	0.1	0.025	6	0.25	0.1
1436907	30	0.38	315	0.05	1	1.37	0.007	0.08	0.2	0.03	2.2	0.1	0.025	6	0.25	0.1
1436908	40	0.59	237	0.075	1	2.04	0.007	0.08	0.3	0.05	4.3	0.2	0.025	6	0.25	0.1
1436909	38	0.55	301	0.068	1	1.66	0.006	0.1	0.2	0.03	3.2	0.2	0.025	8	0.25	0.1
1436910	40	0.61	271	0.085	2	1.99	0.007	0.12	0.3	0.04	4.5	0.3	0.025	8	0.25	0.1
1436911	29	0.28	261	0.058	1	1.35	0.009	0.09	0.1	0.04	2.5	0.2	0.025	8	0.25	0.1
1436912	29	0.41	308	0.053	1	1.36	0.005	0.11	0.2	0.04	2.1	0.2	0.025	6	0.25	0.1
1436913	29	0.42	214	0.065	0	1.69	0.005	0.08	0.2	0.03	3	0.2	0.025	8	0.25	0.1
1436914	21	0.24	215	0.054	0	1.15	0.006	0.07	0.2	0.03	1.8	0.2	0.025	8	0.25	0.1
1436915	30	0.55	246	0.071	0	1.66	0.007	0.11	0.2	0.06	4.5	0.2	0.025	6	0.25	0.1
1436916	28	0.55	183	0.073	0	1.76	0.006	0.11	0.2	0.05	3.7	0.2	0.025	7	0.25	0.1
1436917	25	0.45	192	0.064	0	1.42	0.007	0.11	0.2	0.04	3	0.2	0.025	6	0.25	0.1
1436918	28	0.45	441	0.063	0	1.48	0.008	0.11	0.2	0.03	3.1	0.2	0.025	6	0.25	0.1
1436919	29	0.46	211	0.059	1	1.67	0.006	0.07	0.2	0.03	3.2	0.1	0.025	5	0.25	0.1
1436920	25	0.4	296	0.05	0	1.43	0.006	0.09	0.2	0.03	2.6	0.1	0.025	5	0.25	0.1
1436921	26	0.46	172	0.056	0	1.5	0.006	0.08	0.2	0.03	3.2	0.2	0.025	5	0.25	0.1
1436922	29	0.49	196	0.063	1	1.72	0.006	0.1	0.2	0.04	3.3	0.1	0.025	6	0.25	0.1
1436923	32	0.5	254	0.056	1	1.6	0.009	0.05	0.2	0.06	4.9	0.05	0.025	5	0.25	0.1
1436924	26	0.32	218	0.053	0	1.44	0.007	0.09	0.2	0.03	2.6	0.1	0.025	7	0.25	0.1
1436925	36	0.54	199	0.053	1	2.09	0.006	0.1	0.3	0.03	3.5	0.2	0.025	8	0.25	0.1
1436926	40	0.57	200	0.069	1	2.59	0.006	0.16	0.4	0.02	3.6	0.2	0.025	8	0.25	0.1
1436927	30	0.47	157	0.043	1	1.77	0.005	0.08	0.3	0.02	2.7	0.2	0.025	7	0.25	0.1
1436928	34	0.48	234	0.048	1	2.19	0.005	0.07	0.2	0.03	2.8	0.1	0.025	6	0.25	0.1
1436929	30	0.62	173	0.042	1	2	0.005	0.12	0.3	0.02	3.6	0.2	0.025	8	0.25	0.1
1436930	31	0.55	172	0.038	2	2.09	0.007	0.08	0.3	0.03	3.5	0.1	0.025	8	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1436931	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610945	7040948	-138.7727423	63.4795239		1024
1436932	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610920	7040949	-138.773243	63.47954067		1028
1436933	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610895	7040948	-138.7737451	63.4795395		1029
1436934	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610870	7040946	-138.774248	63.47952936		1027
1436935	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610845	7040948	-138.774748	63.4795551		1024
1436936	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610819	7040949	-138.7752688	63.47957217		1014
1436937	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610795	7040948	-138.7757509	63.47957068		995
1436938	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610771	7040948	-138.7762322	63.47957816		992
1436939	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610744	7040948	-138.7767738	63.47958657		988
1436940	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610720	7040949	-138.7772545	63.47960302		991
1436941	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610694	7040949	-138.7777759	63.47961111		986
1436941	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610694	7040949	-138.7777759	63.47961111		986
1436942	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610669	7040948	-138.7782781	63.47960993		991
1436943	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610644	7040948	-138.7787795	63.47961771		976
1436944	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610620	7040947	-138.7792616	63.47961621		1009
1436945	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610595	7040947	-138.779763	63.47962399		981
1436946	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610569	7040947	-138.7802845	63.47963208		1003
1436947	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610543	7040946	-138.7808067	63.4796312		998
1436948	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610518	7040948	-138.7813067	63.47965691		988
1436949	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610494	7040948	-138.7817881	63.47966437		979
1436950	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610494	7040948	-138.7817881	63.47966437	1436949	986
1436951	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610469	7040948	-138.7822895	63.47967214		993
1436952	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610445	7040948	-138.7827709	63.47967959		982
1436953	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610419	7040949	-138.7832917	63.47969664		987
1436954	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610395	7040948	-138.7837738	63.47969512		989
1436955	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610345	7040948	-138.7847767	63.47971065		987
1436956	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610319	7040948	-138.7852981	63.47971872		983
1436957	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	613028	7039948	-138.7316752	63.46990009		929
1436958	BHC	Brian Hyde BH01	10/24/2016 0:00	07N	610370	7040949	-138.7842745	63.47971185		1002
1436959	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	613001	7039948	-138.7322165	63.46990867		959
1436960	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612975	7039949	-138.7327371	63.4699259		930
1436961	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612950	7039949	-138.7332384	63.46993384		943
1436962	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612926	7039949	-138.7337196	63.46994146		919

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1436931	Auger	40	B	Subtle Slope	Chocolate Brown	Alders	Grass Cover	Dry	Good	Silt
1436932	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436933	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436934	Auger	30	B	Subtle Slope	Dark Blue Black	Old Burn	Grass Cover	Dry	Good	Silt
1436935	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436936	Auger	20	B	Flat	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436937	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436938	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436939	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436940	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Poor	Silt
1436941	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436941	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436942	Auger	70	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1436943	Auger	60	B	Subtle Slope	Chocolate Brown	Black Spruce	Grass Cover	Dry	Poor	Silt
1436944	Auger	50	B	Subtle Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Poor	Silt
1436945	Auger	70	B	Subtle Slope	Chocolate Brown	Black Spruce	Grass Cover	Dry	Poor	Clay
1436946	Auger	50	B	Subtle Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Poor	Clay
1436947	Auger	70	B	Subtle Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Poor	Clay
1436948	Auger	50	B	Subtle Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Poor	Clay
1436949	Auger	70	B	Subtle Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Damp	Poor	Clay
1436950	Auger	70	B	Subtle Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Damp	Poor	Clay
1436951	Auger	50	B	Subtle Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Damp	Poor	Clay
1436952	Auger	60	B	Subtle Slope	Chocolate Brown	Black Spruce	Grass Cover	Damp	Poor	Clay
1436953	Auger	50	B	Subtle Slope	Dark Blue Black	Black Spruce	Reindeer Moss	Damp	Poor	Clay
1436954	Auger	90	B	Subtle Slope	Dark Blue Black	Black Spruce	Reindeer Moss	Dry	Poor	Clay
1436955	Auger	40	B	Subtle Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Poor	Silt
1436956	Auger	20	B	Subtle Slope	Dark Brown	Black Spruce	Grass Cover	Dry	Poor	Silt
1436957	Auger	40	B	Subtle Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Good	Silt
1436958	Auger	20	B	Subtle Slope	Dark Brown	Black Spruce	Grass Cover	Dry	Poor	Silt
1436959	Auger	50	B	Subtle Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Good	Silt
1436960	Auger	60	B	Subtle Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Good	Silt
1436961	Auger	40	C	Subtle Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Good	Silt
1436962	Auger	30	B	Flat	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Good	Silt



sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1436931				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.4	19.1
1436932				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.6	6.2
1436933	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.3	9.5
1436934	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.5	12.9
1436935				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.6	13.8
1436936	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.9	11.8
1436937				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.6	8.8
1436938	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.2	10.7
1436939	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.8	11.5
1436940	Frozen	Organic 25%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	2.6	52.7
1436941				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1	24.3
1436941				REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1	24.2
1436942	Partially Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	18.8
1436943	Organic 25%	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.2	12.9
1436944	Frozen	Organic 25%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	14.2
1436945	Organic 25%			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	19.2
1436946	Organic 25%			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	21.9
1436947	Organic 25%			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	24.3
1436948	Organic 25%			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	23.2
1436949	Organic 25%	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	24.4
1436950	Organic 25%	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	25.4
1436951	Organic 25%			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1	26.1
1436952	Organic 25%			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.9	24
1436953	Organic 25%			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	29.7
1436954	Organic 25%			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	28.8
1436955	Organic 25%	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.8	39.1
1436956	Organic 50%	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	34.6
1436957	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.5	21.2
1436958	Organic 50%	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.9	38.9
1436959	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.5	20
1436960	Partially Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.4	13.3
1436961				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1	8.1
1436962				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.3	10.5

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1436931	10	43	0.05	16.1	6.9	178	2.22	7.5	1.3	2.4	7.5	16	0.05	0.6	0.2	42	0.23	0.041	32
1436932	18.9	80	0.05	9.5	10.6	677	4.08	8.4	3	2.1	17.7	6	0.05	0.8	0.2	58	0.08	0.068	33
1436933	11.4	38	0.05	11.9	6.7	232	2.93	8.5	0.7	2.9	5.2	10	0.05	0.6	0.2	64	0.11	0.041	13
1436934	17.8	83	0.1	18.1	11.8	453	3.67	15.5	1.9	13.3	21.9	9	0.1	0.8	0.3	53	0.1	0.041	19
1436935	14.5	55	0.05	16.9	9.9	292	3.36	10.5	1.2	2.5	11.6	10	0.1	0.7	0.2	62	0.1	0.04	13
1436936	12.2	54	0.5	14.3	7.3	256	2.64	9.2	1.7	4.3	13.3	18	0.1	0.6	0.3	45	0.25	0.045	56
1436937	17.7	74	0.05	12.3	9.3	452	4.02	7.7	1.8	1.2	17.8	15	0.05	0.7	0.4	63	0.18	0.056	14
1436938	19.9	42	0.2	12.2	6.1	195	2.57	9.5	0.8	4.1	8.1	11	0.05	0.9	0.4	52	0.11	0.024	16
1436939	9	36	0.1	12.4	6.3	160	2.09	7	0.9	4.1	8.1	11	0.05	0.5	0.2	39	0.12	0.022	26
1436940	36.3	64	0.4	25.9	15.2	1411	3.34	11.7	8.1	3.2	10.2	41	0.3	1.2	0.5	62	0.62	0.057	207
1436941	17.7	36	0.5	11.4	3.6	135	1.21	3.7	3	4.9	1.9	79	0.4	1	0.2	17	1.74	0.077	70
1436941	17.2	38	0.5	11.3	3.7	151	1.15	3.7	2.9	4.2	2	78	0.4	1	0.2	16	1.68	0.077	66
1436942	17.6	79	0.05	21.4	13.3	367	3.36	6.5	1.7	1.8	12	16	0.05	0.5	0.2	39	0.46	0.072	28
1436943	16.3	65	0.2	16.1	8.5	185	3.26	5.1	1.7	2.5	6.6	16	0.1	0.3	0.2	36	0.31	0.076	27
1436944	11	56	0.2	15.1	6.8	204	2.25	11.4	1.3	2.1	4.1	18	0.1	0.3	0.2	35	0.28	0.06	20
1436945	12.5	62	0.1	22.3	10.5	283	3.01	14.9	2.1	4.8	10.3	18	0.05	0.3	0.2	39	0.31	0.049	34
1436946	11.7	60	0.1	19.9	9.6	271	2.86	6.3	2.4	3.1	10.2	18	0.05	0.3	0.2	41	0.29	0.04	32
1436947	9.4	59	0.05	21	9.2	250	2.63	5.5	2.5	2.2	10.6	33	0.05	0.3	0.4	48	0.27	0.039	30
1436948	10	69	0.05	22	10	260	2.83	5	2.2	2.6	10.2	30	0.05	0.3	0.3	51	0.21	0.037	27
1436949	11.6	60	0.1	23.2	9.5	184	2.67	5	2.1	3	8	24	0.05	0.4	0.3	49	0.21	0.037	26
1436950	12.7	63	0.1	24.4	9.6	189	2.81	5.2	2.2	3.8	7.9	26	0.05	0.3	0.4	51	0.21	0.044	26
1436951	11.4	65	0.1	23.9	11.1	285	2.91	7.5	1.5	12.7	7	20	0.05	0.5	0.3	56	0.2	0.042	21
1436952	11.1	65	0.1	24.3	10.3	246	2.79	7	1.3	3.3	5.3	21	0.1	0.4	0.3	53	0.22	0.047	20
1436953	11.4	68	0.1	26.7	11.8	261	2.8	6.5	1.5	3	6.7	15	0.05	0.5	0.3	55	0.17	0.033	25
1436954	9.1	68	0.05	26.2	12.5	310	2.64	4.9	1.6	3.3	8.9	19	0.05	0.3	0.3	45	0.22	0.033	25
1436955	12.4	69	0.1	27.9	12.3	383	3.02	6.1	2	4.4	5	23	0.05	0.3	0.4	54	0.23	0.041	26
1436956	11.3	65	0.2	26.2	13	398	2.9	5.2	2	1.6	5.7	22	0.1	0.3	0.4	51	0.22	0.046	29
1436957	6.4	37	0.05	10.2	9.9	445	2.72	2.6	0.8	0.25	7.9	13	0.05	0.4	0.05	69	0.26	0.049	17
1436958	15	62	0.8	16.4	6.1	422	1.38	2.6	2	1.2	0.3	33	0.6	0.2	0.3	23	0.34	0.087	30
1436959	8.3	40	0.05	17.5	7.8	174	2.41	7.4	0.9	6.8	5.3	15	0.05	0.6	0.1	46	0.21	0.05	17
1436960	11.4	47	0.05	11.4	5.6	193	2.36	7.2	1.2	1.6	16.9	16	0.05	1	0.2	32	0.27	0.053	45
1436961	11.8	71	0.05	13.8	10.9	490	3.93	8.9	1.1	0.25	15.2	11	0.2	0.5	0.2	61	0.14	0.096	19
1436962	12.3	50	0.05	13	7.6	273	2.92	12.3	0.7	2.1	10.3	12	0.2	0.9	0.3	52	0.1	0.048	17

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1436931	26	0.47	185	0.044	1	1.47	0.008	0.07	0.2	0.07	3.6	0.1	0.025	5	0.25	0.1
1436932	37	0.76	68	0.096	3	2.07	0.005	0.56	0.6	0.02	5.8	0.8	0.025	13	0.25	0.1
1436933	30	0.38	124	0.054	1	1.76	0.006	0.1	0.4	0.03	2.6	0.2	0.025	7	0.25	0.1
1436934	40	0.68	121	0.053	1	2.45	0.005	0.22	0.3	0.04	4.4	0.3	0.025	8	0.25	0.1
1436935	40	0.48	151	0.06	1	2.53	0.006	0.08	0.2	0.04	3.7	0.2	0.025	7	0.25	0.1
1436936	31	0.55	161	0.058	1	1.66	0.009	0.08	0.3	0.08	3.4	0.2	0.025	7	0.25	0.1
1436937	42	0.73	112	0.092	1	2.17	0.007	0.18	0.5	0.02	4.3	0.3	0.025	11	0.25	0.1
1436938	29	0.33	135	0.039	1	1.57	0.006	0.05	0.2	0.06	2.5	0.1	0.025	5	0.25	0.1
1436939	23	0.35	112	0.04	0	1.37	0.006	0.06	0.2	0.05	2.5	0.1	0.025	4	0.25	0.1
1436940	41	0.38	594	0.023	2	2.22	0.009	0.11	0.3	0.18	7	0.2	0.025	8	0.7	0.1
1436941	14	0.16	617	0.01	3	0.82	0.006	0.06	0.2	0.24	2.8	0.05	0.14	3	0.6	0.1
1436941	13	0.16	597	0.01	3	0.76	0.006	0.06	0.2	0.24	2.6	0.05	0.14	3	0.25	0.1
1436942	27	0.67	303	0.124	0	1.81	0.006	0.52	0.1	0.04	5.1	0.4	0.025	6	0.25	0.1
1436943	25	0.45	186	0.059	1	1.48	0.006	0.18	0.05	0.1	3.7	0.3	0.07	5	0.25	0.1
1436944	30	0.57	179	0.071	0	1.57	0.004	0.21	0.05	0.05	3.3	0.3	0.025	6	0.25	0.1
1436945	34	0.66	163	0.084	0	1.87	0.005	0.3	0.05	0.03	4	0.3	0.025	7	0.25	0.1
1436946	33	0.65	167	0.101	0	2.01	0.006	0.43	0.1	0.03	4.9	0.4	0.025	7	0.25	0.1
1436947	35	0.58	186	0.115	0	2.01	0.009	0.28	0.1	0.03	4.9	0.3	0.025	7	0.25	0.1
1436948	38	0.64	185	0.137	0	2.31	0.01	0.38	0.1	0.04	5.1	0.3	0.025	8	0.25	0.1
1436949	33	0.54	238	0.123	0	2.27	0.008	0.23	0.2	0.04	4.7	0.3	0.025	7	0.25	0.1
1436950	35	0.56	237	0.128	1	2.53	0.009	0.26	0.2	0.04	5.1	0.3	0.025	8	0.25	0.1
1436951	34	0.59	218	0.116	1	2.05	0.009	0.2	0.2	0.04	4.4	0.3	0.025	7	0.25	0.1
1436952	33	0.58	226	0.108	0	2.07	0.009	0.19	0.2	0.04	4.1	0.2	0.025	6	0.25	0.1
1436953	35	0.6	241	0.116	1	2.08	0.009	0.2	0.2	0.04	4.3	0.3	0.025	7	0.25	0.1
1436954	33	0.67	190	0.126	0	1.86	0.008	0.33	0.2	0.02	4	0.3	0.025	6	0.25	0.1
1436955	38	0.68	218	0.102	0	2.41	0.007	0.3	0.2	0.04	4.4	0.3	0.025	7	0.25	0.1
1436956	34	0.65	207	0.11	0	2.11	0.007	0.41	0.2	0.03	4.1	0.3	0.025	7	0.25	0.1
1436957	20	0.82	308	0.114	0	1.57	0.016	0.16	0.4	0.03	6.4	0.1	0.025	8	0.25	0.1
1436958	16	0.18	322	0.027	2	1.06	0.009	0.09	0.05	0.11	1.5	0.1	0.07	3	0.25	0.1
1436959	27	0.48	227	0.051	0	1.47	0.008	0.04	0.2	0.04	4.3	0.05	0.025	4	0.25	0.1
1436960	19	0.42	116	0.043	0	1.27	0.005	0.16	0.1	0.05	5.7	0.3	0.025	5	0.25	0.1
1436961	39	1.01	171	0.118	0	2.76	0.006	0.46	0.1	0.02	6.7	0.5	0.025	12	0.25	0.1
1436962	25	0.37	149	0.045	0	1.6	0.006	0.07	0.1	0.02	3.7	0.2	0.025	6	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1436963	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612901	7039948	-138.7342215	63.46994043		956
1436964	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612876	7039949	-138.734722	63.46995734		933
1436965	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612852	7039949	-138.7352032	63.46996495		929
1436966	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612825	7039947	-138.735746	63.46995558		921
1436967	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612800	7039949	-138.7362458	63.46998145		929
1436968	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612776	7039948	-138.7367278	63.46998009		933
1436969	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612751	7039950	-138.7372276	63.47000595		920
1436970	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612424	7039948	-138.7437854	63.47009154		884
1436971	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612400	7039948	-138.7442666	63.47009912		880
1436972	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612375	7039949	-138.7447671	63.47011599		868
1436973	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612350	7039949	-138.7452684	63.47012389		882
1436974	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612223	7039948	-138.7478154	63.47015502		835
1436975	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612223	7039948	-138.7478154	63.47015502	1436974	832
1436976	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612325	7039948	-138.7457703	63.47012282		872
1436977	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612299	7039950	-138.7462902	63.47014897		909
1436978	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612275	7039948	-138.7467728	63.47013861		834
1436979	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612249	7039947	-138.7472948	63.47013785		842
1436982	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612726	7039949	-138.7377295	63.47000491		917
1436983	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612701	7039948	-138.7382315	63.47000387		917
1436984	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612675	7039947	-138.7387535	63.47000314		914
1436985	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612651	7039949	-138.7392333	63.47002868		919
1436986	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612625	7039949	-138.7397546	63.47003691		929
1436987	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612600	7039948	-138.7402565	63.47003586		917
1436988	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612576	7039948	-138.7407378	63.47004346		918
1436988	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612576	7039948	-138.7407378	63.47004346		918
1436989	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612549	7039948	-138.7412791	63.470052		920
1436990	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612525	7039948	-138.7417603	63.4700596		907
1436991	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612499	7039947	-138.7422823	63.47005885		902
1436992	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612475	7039948	-138.7427628	63.47007541		904
1436993	BHC	Brian Hyde BH01	10/25/2016 0:00	07N	612450	7039947	-138.7432648	63.47007435		896
1438851	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618596	7037505	-138.6218652	63.44618073		1109
1438852	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618621	7037505	-138.6213644	63.4461724		1108
1438853	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618647	7037505	-138.6208436	63.44616374		1105

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1436963	Auger	50	B	Flat	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Good	Silt
1436964	Auger	50	C	Flat	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Good	Silt
1436965	Auger	60	C	Flat	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Good	Silt
1436966	Auger	60	B	Flat	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Good	Silt
1436967	Auger	30	B	Flat	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Good	Silt
1436968	Auger	50	C	Subtle Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Good	Silt
1436969	Auger	30	C	Subtle Slope	Chocolate Brown	Willows	Reindeer Moss	Dry	Good	Silt
1436970	Auger	30	B	Subtle Slope	Chocolate Brown	Poplar	Reindeer Moss	Dry	Good	Silt
1436971	Auger	30	B	Subtle Slope	Chocolate Brown	Poplar	Reindeer Moss	Dry	Good	Silt
1436972	Auger	30	B	Subtle Slope	Chocolate Brown	Poplar	Reindeer Moss	Dry	Good	Silt
1436973	Auger	30	B	Subtle Slope	Chocolate Brown	Poplar	Reindeer Moss	Dry	Good	Silt
1436974	Auger	30	B	Pronounced Slope	Chocolate Brown	Poplar	Grass Cover	Dry	Good	Silt
1436975	Auger	30	B	Pronounced Slope	Chocolate Brown	Poplar	Grass Cover	Dry	Good	Silt
1436976	Auger	20	B	Subtle Slope	Chocolate Brown	Poplar	Reindeer Moss	Dry	Good	Silt
1436977	Auger	20	B	Subtle Slope	Chocolate Brown	Poplar	Reindeer Moss	Dry	Good	Silt
1436978	Auger	20	B	Pronounced Slope	Chocolate Brown	Poplar	Reindeer Moss	Dry	Poor	Silt
1436979	Auger	30	B	Pronounced Slope	Chocolate Brown	Poplar	Reindeer Moss	Dry	Good	Silt
1436982	Auger	40	C	Subtle Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Good	Silt
1436983	Auger	20	B	Subtle Slope	Chocolate Brown	Poplar	Reindeer Moss	Dry	Good	Sand
1436984	Auger	60	B	Subtle Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Good	Silt
1436985	Auger	40	B	Subtle Slope	Chocolate Brown	Poplar	Reindeer Moss	Dry	Good	Silt
1436986	Auger	20	B	Subtle Slope	Chocolate Brown	Poplar	Reindeer Moss	Dry	Good	Silt
1436987	Auger	20	B	Subtle Slope	Chocolate Brown	Poplar	Reindeer Moss	Damp	Good	Silt
1436988	Auger	20	B	Subtle Slope	Chocolate Brown	Poplar	Reindeer Moss	Dry	Good	Silt
1436988	Auger	20	B	Subtle Slope	Chocolate Brown	Poplar	Reindeer Moss	Dry	Good	Silt
1436989	Auger	30	B	Subtle Slope	Chocolate Brown	Poplar	Reindeer Moss	Dry	Good	Silt
1436990	Auger	30	B	Subtle Slope	Chocolate Brown	Poplar	Reindeer Moss	Dry	Good	Silt
1436991	Auger	30	B	Subtle Slope	Chocolate Brown	Poplar	Reindeer Moss	Dry	Good	Silt
1436992	Auger	30	B	Subtle Slope	Chocolate Brown	Poplar	Reindeer Moss	Dry	Good	Silt
1436993	Auger	20	B	Subtle Slope	Chocolate Brown	Poplar	Reindeer Moss	Dry	Good	Silt
1438851	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Clay
1438852	Auger	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Clay
1438853	Auger	40	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Clay

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1436963				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.5	15.9
1436964				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.4	9.1
1436965				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.8	13
1436966				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.7	22.1
1436967				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.5	16.3
1436968				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.5	11.4
1436969	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.5	14.1
1436970				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1	11.5
1436971				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1	15.1
1436972				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.2	17.9
1436973				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.3	12.6
1436974	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.5	14
1436975	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.3	26.1
1436976				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.9	10.2
1436977				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.1	13.3
1436978	Organic 10%	Frozen	Small	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1	9.9
1436979	Frozen	Organic 25%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.2	14.7
1436982				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.9	12.8
1436983				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1	18.1
1436984				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.5	18
1436985	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.8	19.3
1436986				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.2	15.6
1436987	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.2	12.4
1436988				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1	16.9
1436988				REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.1	16.6
1436989	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1	15.7
1436990	Partially Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1	18.3
1436991				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.6	10.2
1436992				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.1	14.9
1436993	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1	12.2
1438851				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.5	16.7
1438852	Partially Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.8	5.9
1438853				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.8	17.2

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1436963	16.2	91	0.05	10.3	11.3	443	3.6	12.6	1.1	0.25	27.2	19	0.2	3.1	0.1	40	0.38	0.105	81
1436964	25.8	50	0.05	10	8.6	297	2.46	8.4	0.9	3.1	14.8	11	0.05	0.9	0.9	29	0.18	0.044	32
1436965	14.9	51	0.05	11.5	6.7	346	2.57	7.2	1.9	1.2	20.3	14	0.05	0.7	0.2	35	0.23	0.038	57
1436966	10.9	43	0.05	16	7	249	2.5	9.2	1.5	2.3	7.5	16	0.05	0.6	0.3	47	0.19	0.027	44
1436967	14.9	59	0.05	19	10.6	466	3.01	12.3	1.1	1.5	7.1	11	0.2	0.6	0.3	58	0.09	0.041	16
1436968	13.1	85	0.05	14.9	11	457	3.62	5.6	1.6	0.8	25.5	20	0.05	0.5	0.2	50	0.25	0.048	66
1436969	15.7	79	0.05	14.1	9.6	384	3.51	6.9	1.1	2.6	25.3	18	0.05	1.2	0.3	44	0.23	0.064	38
1436970	14.8	80	0.1	16.1	11.7	478	3.65	8.3	0.8	1.7	8.9	19	0.2	0.6	0.2	57	0.18	0.052	9
1436971	12.3	52	0.1	20.2	9.3	395	2.84	10.4	0.7	1.2	6.5	21	0.1	0.6	0.2	54	0.21	0.041	16
1436972	13.6	57	0.1	22.6	9.9	351	3.06	13	0.8	5.4	7.3	19	0.1	0.7	0.2	60	0.2	0.036	19
1436973	13.1	52	0.1	16.8	9.8	642	2.84	11.4	0.7	2.1	5.8	18	0.1	0.5	0.3	55	0.18	0.048	15
1436974	16.6	58	0.2	13.1	9.3	463	2.43	15.6	1.6	2.4	8.6	30	0.1	0.8	0.2	36	0.18	0.069	20
1436975	20.8	46	0.6	15.4	7.3	337	2.5	12.5	1.9	2.2	0.7	27	0.3	0.5	0.3	40	0.27	0.116	38
1436976	13.3	30	0.3	6.7	5.6	432	1.72	5.4	0.6	1	3.9	13	0.3	0.3	0.3	43	0.11	0.043	16
1436977	19.7	35	0.3	10.3	5.1	353	1.94	6.1	1.7	1.5	4.2	21	0.3	0.4	0.3	38	0.2	0.066	51
1436978	13.2	38	0.2	11.4	5.1	186	2.52	10	0.5	0.9	3	14	0.05	0.5	0.3	56	0.14	0.033	11
1436979	16	54	0.3	14.1	6.8	340	2.86	9.2	0.7	0.7	5.4	13	0.2	0.5	0.3	56	0.13	0.04	10
1436982	17.7	74	0.05	15	8.3	301	3.02	10.2	1.2	1.3	12.2	16	0.3	0.8	0.2	49	0.16	0.049	28
1436983	14.5	58	0.3	18.4	10.7	453	2.88	10.4	0.7	1.7	5.7	14	0.5	0.5	0.2	55	0.13	0.041	17
1436984	30.3	64	0.05	24.5	8.2	217	2.86	6.3	1	1.4	11.1	17	0.05	0.6	0.1	43	0.2	0.052	38
1436985	10.5	49	0.05	16.7	7.3	204	2.58	11.9	1.2	3.7	5.8	15	0.05	0.6	0.2	47	0.12	0.03	18
1436986	14.2	67	0.1	20.9	10	303	3.37	14.4	0.7	2.2	5.7	11	0.1	0.8	0.3	64	0.09	0.035	12
1436987	13.6	44	0.2	15.8	8.5	277	2.89	11.5	0.6	2.1	4.9	11	0.05	0.6	0.2	59	0.11	0.039	12
1436988	41.1	78	0.5	20.9	9.3	671	2.75	11.3	0.5	1.2	4.6	22	0.4	0.7	0.2	55	0.23	0.065	11
1436988	40	77	0.5	19.9	9.1	697	2.74	10.9	0.5	1.1	4.3	21	0.4	0.7	0.2	56	0.24	0.06	10
1436989	14.4	79	0.05	19.9	9.7	980	3.54	11.9	1.6	1.5	12.1	23	0.3	0.7	0.3	55	0.26	0.099	17
1436990	12.5	68	0.1	23.5	9.7	968	2.87	14.4	0.5	2.6	4.9	26	0.2	0.7	0.2	56	0.27	0.058	10
1436991	17.4	80	0.05	12.4	9.5	443	3.78	8.6	1.3	0.8	21.9	22	0.05	0.8	0.3	44	0.22	0.115	49
1436992	13.1	57	0.05	21.2	9	271	3.09	12.9	0.8	2.4	6	15	0.1	0.7	0.3	62	0.1	0.04	15
1436993	12.8	51	0.1	15.7	10.5	400	2.68	6.8	0.9	1.6	3.1	18	0.1	0.5	0.2	50	0.19	0.054	11
1438851	10.8	49	0.05	19.5	10.4	286	2.95	8.9	1.1	3.5	7.4	11	0.05	0.6	0.2	62	0.11	0.021	16
1438852	10.3	32	0.05	9.7	4.4	168	2.15	6.2	0.6	1.1	1.9	9	0.05	0.3	0.2	47	0.1	0.021	16
1438853	12.2	45	0.05	14.4	5.5	164	2.7	8.1	1.9	4.2	3.6	12	0.05	0.5	0.2	59	0.11	0.037	28

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1436963	31	0.81	169	0.078	0	2.36	0.006	0.59	0.05	0.03	9.5	0.8	0.025	13	0.25	0.1
1436964	21	0.44	103	0.031	0	1.63	0.005	0.18	0.05	0.03	4.9	0.4	0.025	7	0.25	0.1
1436965	21	0.45	134	0.044	1	1.36	0.005	0.1	0.1	0.07	5.2	0.2	0.025	5	0.25	0.1
1436966	28	0.43	170	0.053	2	1.49	0.008	0.05	0.2	0.05	4.8	0.05	0.025	4	0.25	0.1
1436967	32	0.41	199	0.05	1	2.06	0.006	0.05	0.2	0.03	3.2	0.1	0.025	6	0.25	0.1
1436968	39	0.91	202	0.117	0	2.56	0.009	0.57	0.1	0.03	7.8	0.8	0.025	10	0.25	0.1
1436969	32	0.69	187	0.076	2	2.39	0.007	0.41	0.2	0.02	6.2	0.6	0.025	9	0.25	0.1
1436970	38	0.79	229	0.114	0	2.6	0.008	0.47	0.2	0.03	4	0.5	0.025	10	0.25	0.1
1436971	32	0.49	271	0.052	0	1.98	0.007	0.06	0.1	0.03	3.3	0.05	0.025	5	0.25	0.1
1436972	35	0.47	268	0.054	0	2.24	0.006	0.07	0.1	0.04	3.9	0.1	0.025	6	0.25	0.1
1436973	29	0.42	269	0.048	0	1.85	0.007	0.08	0.2	0.04	3.3	0.05	0.025	5	0.25	0.1
1436974	21	0.37	123	0.061	0	1.24	0.005	0.17	0.2	0.03	3.1	0.2	0.025	5	0.25	0.1
1436975	24	0.25	303	0.023	0	1.71	0.008	0.1	0.1	0.08	1.2	0.05	0.025	6	0.25	0.1
1436976	17	0.17	165	0.046	0	1	0.007	0.05	0.1	0.04	2	0.05	0.025	5	0.25	0.1
1436977	16	0.17	218	0.042	0	1.07	0.006	0.07	0.1	0.07	2.3	0.05	0.025	6	0.25	0.1
1436978	22	0.3	150	0.048	0	1.62	0.006	0.06	0.1	0.04	2.3	0.1	0.025	6	0.25	0.1
1436979	29	0.38	152	0.07	0	1.86	0.006	0.09	0.2	0.08	3	0.1	0.025	7	0.25	0.1
1436982	30	0.54	164	0.065	0	2.26	0.007	0.26	0.1	0.02	4.1	0.4	0.025	7	0.25	0.1
1436983	32	0.41	201	0.048	0	2	0.007	0.07	0.1	0.05	3.4	0.1	0.025	6	0.25	0.1
1436984	56	0.79	131	0.072	0	1.96	0.006	0.31	0.1	0.03	5.4	0.4	0.025	7	0.25	0.1
1436985	30	0.46	163	0.057	1	1.63	0.008	0.05	0.1	0.05	5.8	0.05	0.025	4	0.25	0.1
1436986	36	0.49	199	0.06	0	2.34	0.006	0.08	0.2	0.02	3.3	0.1	0.025	7	0.25	0.1
1436987	28	0.41	215	0.05	0	1.85	0.007	0.06	0.1	0.03	3.2	0.1	0.025	5	0.25	0.1
1436988	30	0.43	245	0.054	0	1.92	0.006	0.08	0.1	0.03	2.7	0.1	0.025	5	0.25	0.1
1436988	30	0.43	247	0.05	1	1.93	0.006	0.08	0.1	0.03	2.8	0.05	0.025	5	0.25	0.1
1436989	34	0.56	252	0.065	0	2.11	0.007	0.23	0.2	0.03	4.1	0.2	0.025	8	0.25	0.1
1436990	32	0.47	253	0.059	1	2.03	0.007	0.08	0.2	0.03	3.1	0.1	0.025	6	0.25	0.1
1436991	31	0.6	254	0.055	1	2.26	0.006	0.38	0.2	0.02	5.9	0.5	0.025	9	0.25	0.1
1436992	40	0.5	200	0.065	0	2.2	0.006	0.08	0.2	0.02	3.3	0.1	0.025	6	0.25	0.1
1436993	28	0.39	161	0.046	0	1.57	0.008	0.1	0.1	0.04	2.5	0.1	0.025	6	0.25	0.1
1438851	33	0.63	136	0.078	1	2.18	0.006	0.08	0.2	0.02	3.9	0.2	0.025	6	0.25	0.1
1438852	23	0.35	106	0.049	0	1.38	0.005	0.05	0.1	0.02	1.8	0.1	0.025	6	0.25	0.1
1438853	29	0.46	171	0.063	1	1.74	0.007	0.07	0.2	0.05	3.7	0.2	0.025	7	0.25	0.1



sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1438854	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618672	7037504	-138.6203436	63.44614644		1100
1438854	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618672	7037504	-138.6203436	63.44614644		1100
1438855	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618696	7037504	-138.6198628	63.44613844		1094
1438856	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618721	7037505	-138.6193613	63.44613907		1090
1438857	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618745	7037505	-138.6188805	63.44613107		1085
1438859	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	613974	7031763	-138.7185558	63.39619838		720
1438860	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	613998	7031766	-138.7180737	63.39621762		702
1438861	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614026	7031766	-138.7175138	63.39620867		705
1438862	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614050	7031764	-138.7170353	63.39618306		711
1438863	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618320	7037506	-138.6273932	63.44628153		1140
1438864	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618345	7037504	-138.6268939	63.44625529		1132
1438865	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618371	7037505	-138.6263724	63.44625561		1137
1438866	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618396	7037504	-138.6258723	63.44623833		1130
1438867	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618420	7037503	-138.6253923	63.44622138		1130
1438868	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618445	7037505	-138.62489	63.446231		1129
1438869	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618470	7037504	-138.62439	63.44621371		1126
1438870	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618495	7037503	-138.6238899	63.44619643		1125
1438871	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618521	7037507	-138.6233661	63.44622364		1124
1438872	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618546	7037503	-138.6228683	63.44617945		1117
1438873	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618570	7037505	-138.622386	63.44618939		1112
1438874	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	617942	7037506	-138.6349653	63.44640696		1080
1438875	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	617940	7037506	-138.6350092	63.4464043	1438874	1086
1438876	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	617969	7037505	-138.6344252	63.44638904		1087
1438877	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	617994	7037504	-138.6339251	63.44637179		1091
1438878	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618019	7037504	-138.6334243	63.44636351		1099
1438879	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618044	7037506	-138.632922	63.44637315		1102
1438880	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618069	7037505	-138.632422	63.44635589		1106
1438881	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618094	7037504	-138.6319219	63.44633864		1113
1438882	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618120	7037505	-138.6314004	63.44633898		1115
1438883	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618145	7037504	-138.6309003	63.44632172		1119
1438884	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618169	7037506	-138.630418	63.44633168		1131
1438885	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618194	7037505	-138.629918	63.44631442		1127
1438886	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618220	7037506	-138.6293964	63.44631475		1132

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1438854	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Clay
1438854	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Clay
1438855	Mattock	70	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Clay
1438856	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Clay
1438857	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Clay
1438859	Auger	90	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Good	Clay
1438860	Auger	90	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Good	Clay
1438861	Auger	60	B	Subtle Slope	Dark Brown	Black Spruce	Thin Moss Cover	Dry	Poor	Clay
1438862	Auger	40	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Good	Clay
1438863	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1438864	Auger	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1438865	Auger	70	C	Subtle Slope	Light Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Clay
1438866	Auger	40	B	Subtle Slope	Light Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Clay
1438867	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1438868	Auger	40	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1438869	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Dry	Good	Clay
1438870	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1438871	Auger	40	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1438872	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1438873	Auger	40	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1438874	Auger	60	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1438875	Auger	60	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1438876	Auger	60	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Clay
1438877	Auger	40	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Clay
1438878	Auger	60	C	Subtle Slope	Light Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1438879	Auger	60	C	Subtle Slope	Light Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1438880	Auger	40	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1438881	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1438882	Auger	40	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Clay
1438883	Auger	50	C	Subtle Slope	Light Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1438884	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Clay
1438885	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1438886	Auger	40	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1438854				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.4	19.3
1438854				REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.5	19.6
1438855				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.2	20
1438856				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.6	15
1438857				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.1	23.1
1438859				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.5	43.7
1438860				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.2	40
1438861				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.7	80.4
1438862				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.7	59.1
1438863				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1	17.1
1438864	Small Sample	Partially Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.5	12
1438865				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	2.7	79
1438866				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.1	24.4
1438867				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.5	40.9
1438868				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.3	17.1
1438869				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.3	24.3
1438870	Quartz Chips			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	2	19.2
1438871				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.5	15.6
1438872				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.3	20.7
1438873				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.8	18.6
1438874				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.2	22.9
1438875				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.2	22.5
1438876				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.3	16.6
1438877				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.9	14
1438878				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.3	17.3
1438879				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.8	25
1438880				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.7	15.8
1438881				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.6	26.6
1438882				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.9	15.6
1438883	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.6	23.1
1438884				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.4	24.5
1438885				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.9	26.5
1438886				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.3	34.6

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1438854	11	53	0.05	18.1	8	254	2.71	8.1	1.7	3.7	8.6	12	0.05	0.5	0.2	55	0.15	0.028	26
1438854	11.3	56	0.05	17.7	8	254	2.7	8.6	1.7	4.2	8.7	12	0.05	0.6	0.2	55	0.15	0.03	27
1438855	10.6	54	0.05	17.9	8.3	291	2.56	8.1	1.6	3.2	9.6	15	0.05	0.5	0.2	51	0.19	0.036	26
1438856	12.2	53	0.05	17.6	9.1	280	2.89	11.1	1.5	3	8.5	11	0.05	0.7	0.2	60	0.11	0.02	19
1438857	10.1	58	0.05	21.5	9.6	318	2.65	8.5	1.5	3.3	8.1	15	0.05	0.6	0.2	52	0.19	0.044	22
1438859	11	85	0.2	36	11.1	442	2.66	18.6	1.7	4	4.2	37	0.4	1.1	0.2	50	0.63	0.067	17
1438860	10.3	78	0.2	33.4	10.7	394	2.52	15.8	1.1	4	3.8	37	0.3	1	0.2	47	0.69	0.067	16
1438861	10.6	97	0.9	60.2	14.2	538	2.78	28.4	2.3	7.9	2	53	0.8	1.2	0.2	57	0.81	0.084	23
1438862	11.3	101	0.4	43.9	11.6	348	3.06	33	2.2	6.2	4.8	26	0.2	1.2	0.2	68	0.35	0.053	22
1438863	11.4	55	0.05	20	8.7	258	3.01	10.9	0.7	2.3	6.5	11	0.05	0.7	0.3	50	0.1	0.026	14
1438864	12.7	54	0.05	17.4	10.4	364	3.2	10.6	0.5	0.25	3.4	10	0.05	0.6	0.3	66	0.1	0.028	12
1438865	6.8	79	0.1	25.1	13.8	517	4.26	3.8	0.8	1.6	2.8	18	0.05	0.3	0.2	92	0.31	0.053	22
1438866	9.9	48	0.05	16	6.2	184	2.51	7.2	0.6	1	1	14	0.05	0.4	0.2	54	0.16	0.052	14
1438867	11.3	65	0.05	21.2	9.4	301	3.06	9.7	1.1	6.7	8.2	10	0.05	0.7	0.2	55	0.1	0.02	21
1438868	11.7	44	0.05	16.5	8.3	244	2.76	9	0.7	1.1	3.5	10	0.05	0.6	0.2	58	0.11	0.022	14
1438869	11.7	56	0.05	19.3	10.7	370	2.7	10.4	1.3	2.8	7.9	12	0.05	1.1	0.2	45	0.12	0.025	24
1438870	14.9	55	0.05	15.5	9.3	317	2.96	8	1.2	0.8	10.6	9	0.05	1	0.2	51	0.1	0.035	15
1438871	15.2	40	0.05	12.4	5.5	191	2.4	8.5	1.2	0.9	4.6	10	0.05	0.6	0.3	52	0.1	0.065	20
1438872	11.2	54	0.05	18.3	8.4	267	2.67	10	1.3	2	7.8	12	0.1	0.7	0.2	54	0.12	0.026	22
1438873	11.3	54	0.05	20.5	9.3	275	2.71	8.7	1.2	2.5	8.9	11	0.05	0.7	0.2	53	0.11	0.018	18
1438874	9.5	53	0.05	17.2	9.2	381	2.39	7	2	2.9	12	11	0.05	0.6	0.2	45	0.12	0.02	36
1438875	9.9	53	0.05	18.4	9.5	376	2.46	7.5	1.8	1.8	11.1	11	0.05	0.6	0.2	48	0.12	0.02	30
1438876	11	48	0.05	15.7	7.9	254	2.55	8.6	1.3	1.7	8.4	11	0.05	0.5	0.2	57	0.11	0.027	20
1438877	10.2	57	0.05	14.7	7.6	338	2.93	9.2	0.9	0.25	5.6	8	0.05	0.6	0.2	56	0.09	0.033	15
1438878	11.4	71	0.05	21.6	10.6	470	3.21	6.4	2.2	1	17.2	11	0.05	0.6	0.1	56	0.14	0.024	35
1438879	12.1	63	0.05	18.9	9.7	350	3.12	9.4	1.8	0.8	13.2	12	0.05	0.7	0.2	57	0.12	0.022	30
1438880	12.4	52	0.05	16.8	9.3	297	3.09	9.1	1	2.2	10.1	9	0.1	0.5	0.3	58	0.09	0.031	18
1438881	12.6	55	0.3	19.3	11.6	426	3.21	9.3	1.5	2.4	10.2	11	0.05	0.6	0.3	67	0.11	0.024	28
1438882	9.8	39	0.05	10.2	7.5	421	2.32	6.6	0.9	0.8	2.9	10	0.05	0.5	0.3	55	0.1	0.042	21
1438883	11.5	58	0.05	18.9	10.4	369	3.05	9.9	1.1	1.9	12.3	10	0.05	0.6	0.2	55	0.11	0.033	24
1438884	14.1	52	0.05	19.2	10.1	370	2.85	10.3	1.2	5.1	8.2	12	0.05	0.7	0.3	59	0.12	0.031	26
1438885	11.7	50	0.05	16.5	8.7	298	3.03	9.6	1.1	4.2	10.7	9	0.05	0.7	0.3	52	0.1	0.032	22
1438886	11.7	57	0.05	22.3	12	440	3.11	11.6	1.6	2.5	8.6	12	0.05	1	0.2	55	0.11	0.024	21

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1438854	30	0.62	183	0.08	2	1.86	0.006	0.11	0.2	0.04	4.4	0.2	0.025	6	0.25	0.1
1438854	29	0.62	189	0.081	0	1.84	0.006	0.11	0.2	0.05	4.5	0.2	0.025	6	0.25	0.1
1438855	26	0.6	240	0.079	1	1.64	0.007	0.16	0.2	0.04	4.9	0.2	0.025	6	0.25	0.1
1438856	31	0.53	151	0.067	2	1.87	0.006	0.09	0.2	0.03	3.6	0.2	0.025	6	0.25	0.1
1438857	28	0.57	206	0.067	2	1.72	0.008	0.09	0.2	0.03	4.4	0.1	0.025	5	0.25	0.1
1438859	36	0.56	479	0.062	1	1.41	0.014	0.06	0.1	0.08	5.1	0.1	0.025	4	0.25	0.1
1438860	33	0.55	413	0.059	2	1.31	0.016	0.06	0.2	0.08	4.4	0.1	0.025	4	0.25	0.1
1438861	44	0.55	677	0.054	2	1.61	0.009	0.12	0.1	0.19	5.3	0.2	0.025	5	1	0.1
1438862	54	0.66	399	0.094	1	1.72	0.01	0.14	0.1	0.1	6.3	0.2	0.025	6	0.25	0.1
1438863	30	0.5	214	0.047	0	1.95	0.005	0.07	0.2	0.04	3.6	0.1	0.025	6	0.25	0.1
1438864	32	0.43	204	0.052	0	1.84	0.005	0.07	0.1	0.02	2.8	0.2	0.025	7	0.25	0.1
1438865	66	1.61	665	0.147	0	2.47	0.01	0.99	0.05	0.02	12.3	0.6	0.025	9	0.25	0.1
1438866	31	0.56	236	0.056	0	1.49	0.006	0.1	0.1	0.03	3.6	0.2	0.025	7	0.25	0.1
1438867	35	0.54	211	0.059	0	1.73	0.005	0.1	0.1	0.08	4.8	0.2	0.025	5	0.25	0.1
1438868	30	0.41	180	0.049	0	1.71	0.006	0.05	0.1	0.03	3	0.1	0.025	6	0.25	0.1
1438869	30	0.46	251	0.045	0	1.73	0.006	0.06	0.2	0.08	4.7	0.2	0.025	5	0.25	0.1
1438870	28	0.55	171	0.08	0	1.81	0.006	0.16	0.2	0.03	4.3	0.3	0.025	7	0.25	0.1
1438871	28	0.38	172	0.054	0	1.6	0.006	0.08	0.1	0.04	3.2	0.2	0.025	7	0.25	0.1
1438872	30	0.52	153	0.064	1	1.75	0.007	0.08	0.2	0.04	3.9	0.2	0.025	6	0.25	0.1
1438873	32	0.58	151	0.073	1	1.97	0.006	0.08	0.3	0.03	3.6	0.2	0.025	6	0.25	0.1
1438874	26	0.57	190	0.085	1	1.5	0.006	0.13	0.5	0.04	4.9	0.2	0.025	5	0.25	0.1
1438875	28	0.57	179	0.085	1	1.56	0.006	0.13	0.4	0.04	4.6	0.2	0.025	6	0.25	0.1
1438876	29	0.51	153	0.075	1	1.76	0.006	0.07	0.3	0.03	3.8	0.2	0.025	7	0.25	0.1
1438877	26	0.59	89	0.085	0	1.45	0.005	0.14	0.5	0.02	3.1	0.2	0.025	8	0.25	0.1
1438878	50	1.11	200	0.148	1	2.17	0.007	0.58	0.4	0.02	6.3	0.6	0.025	9	0.25	0.1
1438879	36	0.6	204	0.081	0	2.02	0.007	0.1	0.5	0.04	5.7	0.2	0.025	7	0.25	0.1
1438880	30	0.53	142	0.08	2	2.05	0.006	0.1	1.2	0.03	3.8	0.2	0.025	7	0.25	0.1
1438881	38	0.6	261	0.087	1	2.13	0.008	0.08	1.4	0.04	5.8	0.2	0.025	7	0.25	0.1
1438882	23	0.52	215	0.078	1	1.4	0.005	0.17	0.2	0.005	3.3	0.2	0.025	8	0.25	0.1
1438883	31	0.62	192	0.075	1	2.01	0.005	0.13	0.2	0.03	4.3	0.1	0.025	6	0.25	0.1
1438884	30	0.54	246	0.071	2	1.83	0.007	0.09	0.1	0.04	4.4	0.2	0.025	6	0.25	0.1
1438885	30	0.53	182	0.062	0	1.89	0.006	0.09	0.2	0.03	4	0.1	0.025	6	0.25	0.1
1438886	37	0.53	226	0.06	0	2.05	0.007	0.07	0.2	0.08	5.7	0.1	0.025	5	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1438887	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618244	7037505	-138.6289164	63.44629782		1134
1438888	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618270	7037506	-138.6283948	63.44629815		1135
1438889	BHC	Dan Brown Hozjan	10/18/2016 0:00	07N	618296	7037504	-138.6278755	63.44627157		1139
1438901	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616307	7032731	-138.6711975	63.40412592		838
1438902	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616334	7032728	-138.6706596	63.40409021		846
1438903	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616361	7032729	-138.6701188	63.40409037		846
1438904	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616385	7032730	-138.669638	63.4040915		851
1438905	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616409	7032734	-138.669155	63.40411954		853
1438906	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616435	7032733	-138.6686357	63.40410209		859
1438907	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616459	7032732	-138.6681563	63.40408528		865
1438908	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616486	7032734	-138.6676148	63.4040944		868
1438909	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616512	7032730	-138.6670976	63.40405004		870
1438910	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616536	7032736	-138.6666132	63.404096		872
1438911	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616560	7032732	-138.666136	63.40405229		868
1438912	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616586	7032733	-138.6656152	63.40405276		864
1438913	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616611	7032734	-138.6651144	63.40405356		854
1438914	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616635	7032732	-138.6646358	63.40402777		849
1438915	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616661	7032734	-138.6641173	63.4040335		843
1438916	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616685	7032733	-138.663635	63.40402039		839
1438917	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616710	7032731	-138.6631363	63.40399427		825
1438917	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616710	7032731	-138.6631363	63.40399427		825
1438918	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616736	7032730	-138.662617	63.4039768		820
1438919	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616759	7032729	-138.6621577	63.4039603		816
1438920	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616787	7032733	-138.6615947	63.403987		810
1438921	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616812	7032731	-138.6610961	63.40396088		806
1438922	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616836	7032729	-138.6606174	63.40393509		802
1438923	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616861	7032730	-138.6601166	63.40393586		802
1438924	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616885	7032729	-138.6596373	63.40391903		802
1438925	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616885	7032729	-138.6596373	63.40391903		802
1438926	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616911	7032730	-138.6591165	63.40391948		800
1438927	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616938	7032726	-138.6585794	63.40387476		798
1438928	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616960	7032730	-138.6581364	63.40390341		803
1438929	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	616986	7032730	-138.6576163	63.40389489		805

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1438887	Auger	50	C	Subtle Slope	Light Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Clay
1438888	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Clay
1438889	Auger	40	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1438901	Auger	90	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Silt
1438902	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1438903	Auger	90	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Silt
1438904	Auger	80	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Silt
1438905	Auger	80	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1438906	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1438907	Auger	80	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Silt
1438908	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1438909	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1438910	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1438911	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1438912	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1438913	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1438914	Auger	90	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Silt
1438915	Auger	90	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1438916	Auger	80	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Silt
1438917	Auger	80	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Silt
1438917	Auger	80	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Silt
1438918	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1438919	Auger	110	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1438920	Auger	110	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1438921	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1438922	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1438923	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1438924	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1438925	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1438926	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1438927	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1438928	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1438929	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1438887				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.7	39.7
1438888				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	2	51.9
1438889				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1	21.7
1438901	Fine	Fine		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	26.2
1438902	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	22.2
1438903	Coarse	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	27.7
1438904	Coarse	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	32.7
1438905	Coarse	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.4	23.7
1438906	Coarse	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.4	25.8
1438907	Coarse	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.3	38.9
1438908	Fine	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.8	11.9
1438909	Coarse	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.3	24
1438910	Coarse	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	18
1438911	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.4	28.6
1438912	Coarse	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	46.8
1438913	Coarse	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	35.8
1438914	Coarse	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	32
1438915	Coarse	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	27.7
1438916	Coarse	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.4	16.5
1438917	Coarse	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.2	28.1
1438917	Coarse	Sandy		REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.2	28.2
1438918	Coarse	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.3	21.8
1438919	Clay	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.3	22.5
1438920	Fine	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.4	20.5
1438921	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.4	19.7
1438922	Coarse	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.4	15.6
1438923	Coarse	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	29.1
1438924	Coarse	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	25.8
1438925	Coarse	Organic 10%	Dupe of 1438924	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	28.1
1438926	Coarse	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	27.1
1438927	Coarse	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	20.9
1438928	Organic 10%	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	24.4
1438929	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.8	18.1



sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1438887	10.2	56	0.05	18.8	9.1	325	3.27	9.1	1	6.1	6.9	10	0.05	0.7	0.3	66	0.11	0.026	17
1438888	11.5	64	0.1	21.1	11.2	406	3.79	8.1	1.5	1	8.4	13	0.05	0.9	0.3	75	0.14	0.027	27
1438889	11.2	49	0.05	20.5	10.2	342	2.79	9.8	1	2.5	4.3	11	0.05	0.7	0.2	53	0.12	0.034	19
1438901	10.4	53	0.05	22.5	7.9	289	2.56	8.7	1.6	1.1	6.8	29	0.05	0.7	0.2	48	0.36	0.029	21
1438902	20.3	88	0.05	23	10.2	211	3.07	6	0.9	6.2	12.8	38	0.05	0.4	0.2	46	0.26	0.028	36
1438903	15.6	63	0.05	24.6	11.1	229	3.17	5.9	1	0.9	15.6	26	0.05	0.3	0.2	45	0.19	0.023	38
1438904	13.9	67	0.05	28	10.8	258	3.33	6.4	1.2	2.3	16.3	23	0.05	0.6	0.2	41	0.24	0.024	35
1438905	17.4	74	0.05	28.8	13	218	3.22	3.8	1.2	1	14.9	28	0.05	0.3	0.3	45	0.24	0.024	41
1438906	13.9	73	0.05	30.4	12.6	222	3.57	6.2	1.1	0.6	16.3	27	0.05	0.3	0.3	46	0.21	0.044	35
1438907	12.3	87	0.05	33.1	14.4	161	3.42	4.2	1.5	0.25	25.2	21	0.05	0.4	0.3	36	0.21	0.041	63
1438908	11.3	55	0.05	19.8	12.6	644	2.76	6.7	0.7	0.25	6.5	21	0.05	0.5	0.2	59	0.21	0.021	18
1438909	16.1	89	0.05	30.2	14	268	3.72	3.1	1	0.8	13.8	39	0.05	0.1	0.3	38	0.23	0.032	23
1438910	12.6	81	0.05	27.4	13.4	240	3.4	5.6	0.6	0.25	6.7	28	0.05	0.3	0.2	47	0.25	0.036	16
1438911	19.3	65	0.1	30.2	12.6	255	3.21	5.5	1.4	1.5	22.4	20	0.05	0.4	0.3	43	0.2	0.023	46
1438912	10.1	85	0.1	48.6	21.4	324	3.72	6.5	0.8	0.25	9.6	14	0.05	0.4	0.3	55	0.13	0.025	18
1438913	13	85	0.05	34.6	15	362	4	4.2	1.8	1.8	21	23	0.05	0.4	0.3	50	0.19	0.029	74
1438914	16.2	70	0.05	33.5	15.6	345	3.85	3.9	2.7	2.2	31	58	0.05	0.3	0.4	46	0.32	0.041	90
1438915	11.4	55	0.05	27	10.3	272	3	7.2	1.1	1.9	13.7	33	0.05	0.5	0.2	44	0.26	0.024	30
1438916	13.6	61	0.05	22.4	13.3	310	3.03	4.6	0.9	0.7	12.6	74	0.05	0.3	0.2	55	0.38	0.042	40
1438917	15.5	75	0.05	28.6	13.7	381	3.53	2.3	2.1	1	25	68	0.05	0.2	0.3	44	0.45	0.044	54
1438917	15.4	74	0.05	29.1	14.1	383	3.52	2.3	2.1	2	24.4	68	0.05	0.2	0.3	44	0.45	0.043	55
1438918	11.2	66	0.05	23.7	10.1	323	3.07	3.8	1.7	0.25	15.3	40	0.05	0.2	0.2	42	0.33	0.038	36
1438919	13.5	63	0.05	23.3	9.9	268	2.99	3.6	2.1	2.1	15.3	45	0.05	0.2	0.2	43	0.43	0.041	56
1438920	11.6	57	0.1	21.4	9.7	383	2.71	4.8	1.2	2.3	10	31	0.05	0.3	0.2	45	0.35	0.038	30
1438921	10.5	56	0.05	22.1	10.2	305	2.98	4.8	1.4	2.1	12.2	25	0.05	0.3	0.2	42	0.28	0.039	35
1438922	10.8	49	0.1	17.5	10.1	512	2.55	6.1	1.4	1.8	9.3	24	0.05	0.4	0.2	42	0.31	0.045	32
1438923	13.7	74	0.05	31.1	12.1	261	3.72	7.8	1.1	1.6	11.3	18	0.05	0.5	0.2	59	0.12	0.016	35
1438924	10.9	64	0.05	30.3	11.9	187	3.35	8.5	0.9	0.8	10.7	17	0.05	0.7	0.2	49	0.16	0.015	34
1438925	12.3	70	0.05	32.7	13.6	226	3.63	9.4	1.2	4.3	14.6	17	0.05	0.6	0.2	54	0.18	0.018	43
1438926	14.7	57	0.05	28.6	11.4	189	3.09	11.7	1.1	3.3	11.2	20	0.05	0.6	0.2	52	0.15	0.013	36
1438927	8	43	0.05	21.4	6.9	219	2.28	7.4	0.9	1.3	7.1	22	0.05	0.6	0.1	43	0.27	0.038	28
1438928	10.2	57	0.05	21.4	9.6	356	2.66	7.1	1.1	2.2	10.8	23	0.05	0.6	0.2	44	0.28	0.041	31
1438929	9.6	46	0.05	18.5	7.3	248	2.34	9.5	1	3.1	8.6	18	0.05	0.7	0.2	52	0.18	0.023	17

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1438887	30	0.6	231	0.072	1	2.07	0.006	0.1	0.2	0.05	5.3	0.2	0.025	6	0.25	0.1
1438888	35	0.91	401	0.095	0	2.23	0.007	0.41	0.2	0.12	8.6	0.3	0.025	9	0.25	0.1
1438889	32	0.46	224	0.05	0	1.8	0.006	0.05	0.2	0.05	3.8	0.1	0.025	6	0.25	0.1
1438901	29	0.55	337	0.08	0	1.58	0.015	0.1	0.1	0.02	4.7	0.1	0.025	5	0.25	0.1
1438902	31	0.64	278	0.127	0	2.43	0.012	0.45	0.05	0.01	4.1	0.3	0.025	6	0.25	0.1
1438903	28	0.64	280	0.15	0	2.37	0.01	0.54	0.05	0.01	4.1	0.3	0.025	6	0.25	0.1
1438904	31	0.69	294	0.124	0	2.15	0.014	0.44	0.05	0.02	4.8	0.3	0.025	6	0.25	0.1
1438905	33	0.79	292	0.172	0	2.95	0.027	0.65	0.05	0.005	4.5	0.4	0.025	7	0.25	0.1
1438906	34	0.8	239	0.177	0	2.68	0.01	0.79	0.05	0.005	4.6	0.4	0.025	7	0.25	0.1
1438907	33	0.91	202	0.168	0	2.65	0.008	0.79	0.05	0.01	5.8	0.5	0.025	7	0.25	0.1
1438908	30	0.46	328	0.072	1	2.11	0.01	0.16	0.1	0.02	3.7	0.1	0.025	6	0.25	0.1
1438909	35	0.85	255	0.246	0	3.17	0.024	1.12	0.05	0.005	4.1	0.6	0.025	8	0.25	0.1
1438910	32	0.71	270	0.155	0	2.44	0.014	0.55	0.05	0.02	3.7	0.4	0.025	7	0.25	0.1
1438911	32	0.67	224	0.143	0	2.47	0.007	0.55	0.05	0.02	4.4	0.3	0.025	6	0.25	0.1
1438912	39	0.97	241	0.178	0	2.62	0.009	0.54	0.05	0.02	4.2	0.5	0.025	8	0.25	0.1
1438913	46	1.01	359	0.247	0	2.67	0.009	0.87	0.1	0.03	7.6	0.6	0.025	9	0.25	0.1
1438914	40	0.89	327	0.218	0	2.97	0.023	0.9	0.05	0.02	7.8	0.6	0.025	8	0.25	0.1
1438915	33	0.68	273	0.135	0	2.02	0.019	0.4	0.1	0.03	5	0.3	0.025	5	0.25	0.1
1438916	49	0.93	315	0.148	0	2.59	0.017	0.62	0.05	0.005	3.9	0.4	0.025	7	0.25	0.1
1438917	37	0.92	280	0.215	0	2.71	0.026	1.02	0.05	0.02	5.9	0.5	0.025	8	0.25	0.1
1438917	38	0.92	289	0.215	0	2.78	0.026	1.02	0.05	0.005	5.7	0.5	0.025	8	0.25	0.1
1438918	31	0.77	196	0.143	0	2.04	0.013	0.7	0.1	0.01	4.2	0.4	0.025	6	0.25	0.1
1438919	32	0.74	238	0.138	0	2.18	0.016	0.61	0.05	0.02	5	0.3	0.025	6	0.25	0.1
1438920	30	0.66	251	0.116	0	1.83	0.011	0.41	0.1	0.03	4.2	0.2	0.025	5	0.25	0.1
1438921	32	0.71	186	0.158	0	1.89	0.009	0.66	0.05	0.01	4.1	0.4	0.025	6	0.25	0.1
1438922	25	0.55	197	0.105	0	1.55	0.009	0.33	0.2	0.03	3.4	0.2	0.025	5	0.25	0.1
1438923	41	0.9	207	0.172	0	2.52	0.009	0.49	0.1	0.01	4.8	0.5	0.025	8	0.25	0.1
1438924	35	0.78	192	0.131	0	2.12	0.007	0.3	0.1	0.02	4	0.4	0.025	6	0.25	0.1
1438925	38	0.97	231	0.159	1	2.35	0.008	0.47	0.1	0.03	5.5	0.5	0.025	7	0.25	0.1
1438926	33	0.7	209	0.117	1	2.06	0.008	0.26	0.1	0.02	4.7	0.3	0.025	6	0.25	0.1
1438927	27	0.5	202	0.082	0	1.22	0.012	0.17	0.2	0.02	4.5	0.1	0.025	4	0.25	0.1
1438928	29	0.56	232	0.092	0	1.48	0.011	0.27	0.2	0.03	4.7	0.2	0.025	5	0.25	0.1
1438929	27	0.43	177	0.052	1	1.46	0.007	0.07	0.2	0.02	4.4	0.05	0.025	4	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1438930	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	617011	7032728	-138.6571177	63.40386875		806
1438931	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	617036	7032729	-138.6566169	63.40386952		806
1438932	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	617060	7032735	-138.6561324	63.40391544		809
1438933	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	617087	7032729	-138.6555968	63.40385278		803
1438934	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	617109	7032731	-138.6551552	63.40386349		809
1438935	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	617112	7032633	-138.655167	63.40298371		770
1438936	BHC	Jack Taforo JT01	10/24/2016 0:00	07N	617087	7032630	-138.6556693	63.40296502		768
1438951	BHC	Joshuah Forrester	10/25/2016 0:00	07N	613866	7033091	-138.7197701	63.40814193		771
1438952	BHC	Joshuah Forrester	10/25/2016 0:00	07N	613841	7033089	-138.7202717	63.40813198		769
1438953	BHC	Joshuah Forrester	10/25/2016 0:00	07N	613816	7033091	-138.7207704	63.40815789		770
1438954	BHC	Joshuah Forrester	10/25/2016 0:00	07N	613791	7033089	-138.721272	63.40814793		768
1438955	BHC	Joshuah Forrester	10/25/2016 0:00	07N	613765	7033089	-138.7217922	63.40815623		765
1438956	BHC	Joshuah Forrester	10/25/2016 0:00	07N	613739	7033089	-138.7223123	63.40816452		764
1438957	BHC	Joshuah Forrester	10/25/2016 0:00	07N	613716	7033090	-138.7227718	63.40818083		766
1438958	BHC	Joshuah Forrester	10/25/2016 0:00	07N	613692	7033090	-138.7232519	63.40818848		775
1438959	BHC	Joshuah Forrester	10/25/2016 0:00	07N	613666	7033089	-138.7237728	63.4081878		772
1438960	BHC	Joshuah Forrester	10/25/2016 0:00	07N	613640	7033088	-138.7242937	63.40818712		773
1438961	BHC	Joshuah Forrester	10/25/2016 0:00	07N	613591	7033088	-138.725274	63.40820273		777
1438962	BHC	Joshuah Forrester	10/25/2016 0:00	07N	613565	7033090	-138.7257928	63.40822895		775
1438963	BHC	Joshuah Forrester	10/25/2016 0:00	07N	613540	7033089	-138.7262936	63.40822794		770
1438964	BHC	Joshuah Forrester	10/25/2016 0:00	07N	613514	7033088	-138.7268145	63.40822725		767
1438965	BHC	Joshuah Forrester	10/25/2016 0:00	07N	613489	7033090	-138.7273133	63.40825314		769
1438966	BHC	Joshuah Forrester	10/25/2016 0:00	07N	613464	7033089	-138.7278142	63.40825213		766
1438967	BHC	Joshuah Forrester	10/25/2016 0:00	07N	613414	7033088	-138.7288152	63.40825907		763
1438968	BHC	Joshuah Forrester	10/25/2016 0:00	07N	613389	7033087	-138.7293161	63.40825805		760
1439001	BHC	Simon Cash SC03	10/15/2016 0:00	07N	612890	7035764	-138.737407	63.43242305		774
1439002	BHC	Simon Cash SC03	10/15/2016 0:00	07N	612916	7035761	-138.7368885	63.43238791		784
1439003	BHC	Simon Cash SC03	10/15/2016 0:00	07N	612938	7035761	-138.736448	63.43238094		782
1439004	BHC	Simon Cash SC03	10/15/2016 0:00	07N	612966	7035759	-138.7358888	63.43235412		795
1439005	BHC	Simon Cash SC03	10/15/2016 0:00	07N	612989	7035761	-138.7354268	63.43236476		797
1439006	BHC	Simon Cash SC03	10/15/2016 0:00	07N	613016	7035763	-138.7348848	63.43237413		801
1439007	BHC	Simon Cash SC03	10/15/2016 0:00	07N	613040	7035764	-138.7344035	63.43237549		809
1439008	BHC	Simon Cash SC03	10/15/2016 0:00	07N	613067	7035763	-138.7338636	63.43235795		810

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1438930	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1438931	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1438932	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1438933	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1438934	Auger	20	B	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Poor	Silt
1438935	Auger	30	B	Pronounced Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Silt
1438936	Auger	70	C	Pronounced Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Silt
1438951	Auger	100	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Excellent	Sand
1438952	Auger	50	C	Pronounced Slope	Greyish Green	Birch Forest	Thin Moss Cover	Dry	Good	Sand
1438953	Auger	40	B	Pronounced Slope	Dark Brown	Birch Forest	Thin Moss Cover	Damp	Good	Sand
1438954	Auger	50	B	Subtle Slope	Chocolate Brown	Birch Forest	Leaf Cover	Damp	Good	Silt
1438955	Auger	60	C	Pronounced Slope	Chocolate Brown	Birch Forest	Grass Cover	Damp	Excellent	Gravel
1438956	Auger	90	C	Subtle Slope	Light Brown	Birch Forest	Leaf Cover	Dry	Excellent	Silt
1438957	Auger	50	C	Subtle Slope	Greyish Green	Birch Forest	Leaf Cover	Dry	Good	Gravel
1438958	Auger	20	B	Pronounced Slope	Chocolate Brown	Birch Forest	Thin Moss Cover	Dry	Poor	Gravel
1438959	Auger	30	C	Subtle Slope	Greyish Green	Birch Forest	Thin Moss Cover	Damp	Good	Sand
1438960	Auger	80	C	Subtle Slope	Greyish Green	Birch Forest	Leaf Cover	Damp	Excellent	Gravel
1438961	Auger	50	B	Pronounced Slope	Chocolate Brown	Birch Forest	Leaf Cover	Damp	Good	Gravel
1438962	Auger	40	C	Pronounced Slope	Chocolate Brown	Birch Forest	Thin Moss Cover	Damp	Good	Sand
1438963	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Gravel
1438964	Auger	70	B	Flat	Dark Brown	Old Burn	Sphagnum Moss <	Damp	Good	Gravel
1438965	Auger	60	B	Flat	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Gravel
1438966	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Excellent	Silt
1438967	Auger	10	A	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Poor	Gravel
1438968	Auger	70	B	Subtle Slope	Dark Brown	Old Burn	Thin Moss Cover	Damp	Good	Gravel
1439001	Auger	30	C	Pronounced Slope	Light Brown	Old Burn	Burnt Moss	Damp	Excellent	Sand
1439002	Auger	30	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Excellent	Sand
1439003	Auger	10	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Poor	Sand
1439004	Auger	30	C	Pronounced Slope	Light Brown	Old Burn	Grass Cover	Damp	Good	Clay
1439005	Auger	50	C	Pronounced Slope	Reddish Yellow	Old Burn	Grass Cover	Damp	Excellent	Sand
1439006	Auger	30	C	Subtle Slope	Reddish Yellow	Old Burn	Burnt Moss	Dry	Good	Sand
1439007	Auger	30	C	Subtle Slope	Reddish Yellow	Old Burn	Burnt Moss	Damp	Good	Sand
1439008	Auger	50	C	Subtle Slope	Reddish Orange	Old Burn	Burnt Moss	Damp	Poor	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1438930	Coarse	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	21.4
1438931	Coarse	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	13.9
1438932	Coarse	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	8.9
1438933	Coarse	Rocky Terrain		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	10.9
1438934	Organic 10%	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	7.5
1438935	Fine	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	10.3
1438936	Coarse	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.8	16.6
1438951	Coarse		Gravel rich sand	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.3	106.3
1438952	Coarse		Chocolate brown n	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.2	10.2
1438953	Rocky Sample	Organic 10%	Rocky terrain.	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.4	40.2
1438954	Rocky Sample	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.3	36.8
1438955	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.3	28.5
1438956				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	36.2
1438957	Sandy	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.4	49.7
1438958	Outcrop Nearby	Organic 25%	Outcrop... very little	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	24.3
1438959	Coarse	Organic 10%	Shallow very hard	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	20.3
1438960	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.2	47.6
1438961	Sandy	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.4	31.8
1438962	Coarse	Organic 10%	Outcrop nearby	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.3	43.9
1438963	Sandy	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.9	27.9
1438964	Organic 25%			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.6	67.3
1438965	Organic 10%	Outcrop Nearby	Quartzite dyke near	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	4	114.4
1438966			Possible dyke besi	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.9	33.2
1438967	Organic 25%		Frozen gravel soil.	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	4.6	24.6
1438968	Organic 25%	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.4	45.4
1439001				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	16.5
1439002	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	20.2
1439003				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1	18.9
1439004	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	21.7
1439005	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.4	31.5
1439006				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	23.2
1439007	Rocky Sample			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	37.7
1439008	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.7	19.6

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1438930	11.3	52	0.05	23.4	8.4	316	2.6	10.2	0.9	1.3	8.9	27	0.05	0.6	0.2	56	0.26	0.027	20
1438931	10.9	45	0.05	16.5	6	187	2.27	8.6	1.2	1.3	10.4	18	0.05	0.5	0.2	45	0.15	0.021	13
1438932	10.4	57	0.05	17.6	9.2	279	2.81	5	0.7	1.4	5.7	20	0.05	0.5	0.1	57	0.2	0.064	15
1438933	9	42	0.05	15.7	7.3	201	2.3	6.5	0.5	1.2	4.9	14	0.05	0.5	0.2	52	0.13	0.024	11
1438934	8.6	39	0.2	11.7	5.4	256	1.92	3.3	0.5	1.3	2.9	15	0.1	0.3	0.2	44	0.15	0.029	10
1438935	12.7	41	0.2	15.4	7.8	333	2.26	5.4	0.7	3	9.1	19	0.05	0.5	0.3	46	0.19	0.029	20
1438936	10.2	47	0.2	19.9	9.3	494	2.63	8.6	1	5.6	5.9	27	0.05	0.5	0.2	57	0.28	0.041	17
1438951	5.5	54	0.05	34.9	21.8	239	3.09	8	1.4	3.5	4.8	48	0.05	0.3	0.05	84	1.02	0.2	16
1438952	3.4	19	0.05	12	7.2	114	1.26	2.2	0.3	1.7	2.7	27	0.05	0.1	0.05	22	0.43	0.05	6
1438953	5.4	32	0.05	42.2	18.3	207	2.17	4.3	0.5	1.5	3.1	76	0.05	0.2	0.05	37	0.71	0.065	12
1438954	5	33	0.05	43.1	14.7	183	2.06	5.1	0.4	3.7	3.5	44	0.05	0.4	0.05	44	0.47	0.044	11
1438955	3.2	27	0.05	61.8	15.8	168	1.91	3.2	0.3	0.7	3.1	25	0.05	0.2	0.05	39	0.39	0.055	9
1438956	7	46	0.05	39.1	8.6	252	2.49	10	0.8	3.7	4.8	27	0.05	0.7	0.2	49	0.41	0.069	16
1438957	9.5	30	0.05	77.5	18.9	238	2.12	4.6	0.3	0.25	2.3	25	0.05	0.4	0.1	38	0.48	0.04	6
1438958	6.5	36	0.05	44.6	15.6	153	2.26	8.4	0.3	0.9	2.4	43	0.05	0.3	0.1	42	0.49	0.077	6
1438959	4.7	25	0.05	37.8	12.3	92	1.53	3.1	0.3	0.8	3.1	64	0.05	0.1	0.05	30	0.46	0.032	8
1438960	1.7	20	0.05	99.8	18.5	106	1.55	1.7	0.5	1.7	2.7	46	0.05	0.05	0.05	26	0.41	0.069	11
1438961	7.2	37	0.05	42.3	15.9	355	2.85	4.3	0.8	1.9	6	92	0.05	0.2	0.05	69	0.64	0.07	9
1438962	12.9	50	0.05	28.4	14.5	340	2.93	3.1	0.7	1.7	4.8	110	0.05	0.2	0.05	63	0.92	0.116	10
1438963	20.9	70	0.1	16.6	13.5	446	3.74	8.7	1.2	428.6	11.5	32	0.05	0.5	9.5	84	0.82	0.075	37
1438964	7	34	0.05	28.5	13.7	318	2.42	41.4	1.9	2.3	4.7	18	0.05	1.4	0.2	42	0.17	0.045	14
1438965	8.7	121	0.05	53	18.4	829	4.1	11	4.1	3.4	6.5	7	0.4	0.5	0.3	111	0.06	0.071	24
1438966	7.8	48	0.05	25.8	9.6	219	2.46	10.8	2.3	6	5.1	18	0.05	0.7	0.2	51	0.22	0.022	17
1438967	7.5	29	0.2	15.2	9.6	705	1.79	12.9	0.7	2.2	1.6	10	0.1	0.5	0.2	40	0.09	0.031	10
1438968	9.9	59	0.05	31.3	13.2	436	2.94	17	3.7	4.6	5	22	0.05	1	0.2	59	0.24	0.022	18
1439001	10.6	59	0.05	17.5	7.8	230	2.61	13.3	1	4.4	9.4	14	0.05	0.4	0.1	34	0.22	0.045	28
1439002	11.1	55	0.05	16.7	7.9	207	2.58	24.4	1	6.7	7.5	13	0.05	0.6	0.1	36	0.15	0.021	25
1439003	13.7	62	0.3	17.7	6.4	209	2.72	14.4	1.2	3	4.5	12	0.2	0.4	0.2	33	0.15	0.049	20
1439004	14.6	74	0.05	22	9.3	366	3.31	25.3	1.4	8.5	10.1	10	0.05	0.6	0.2	39	0.11	0.02	30
1439005	15.3	83	0.05	26.7	10.7	389	3.9	40.5	2.7	11.4	18.2	11	0.05	0.8	0.2	35	0.13	0.026	65
1439006	13.3	78	0.05	24.9	12	430	3.96	33.9	1.6	1.9	13.2	7	0.05	0.9	0.2	41	0.07	0.03	24
1439007	12.6	67	0.05	19.1	8.6	289	3.59	70.8	3.7	10.4	22.9	9	0.05	0.8	0.4	28	0.1	0.035	63
1439008	14.7	56	0.2	17.9	8.4	309	3.02	16.9	1.5	75.7	8.5	15	0.05	0.7	0.1	42	0.13	0.022	25

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1438930	31	0.49	280	0.058	1	1.82	0.008	0.11	0.2	0.02	4.4	0.1	0.025	5	0.25	0.1
1438931	23	0.41	188	0.052	0	1.54	0.006	0.16	0.2	0.01	3	0.2	0.025	5	0.25	0.1
1438932	32	0.53	221	0.07	0	2.02	0.008	0.18	0.1	0.01	3	0.2	0.025	7	0.25	0.1
1438933	24	0.43	166	0.044	0	1.65	0.006	0.07	0.1	0.01	2.4	0.1	0.025	5	0.25	0.1
1438934	19	0.32	192	0.045	1	1.31	0.007	0.09	0.1	0.01	2	0.1	0.025	5	0.25	0.1
1438935	25	0.45	227	0.052	0	1.6	0.008	0.14	0.2	0.02	3.5	0.2	0.025	5	0.25	0.1
1438936	30	0.48	303	0.058	0	1.73	0.009	0.08	0.2	0.02	5	0.1	0.025	5	0.25	0.1
1438951	68	1.2	477	0.091	0	2.27	0.055	0.09	0.2	0.01	3.1	0.05	0.025	8	0.25	0.1
1438952	101	0.52	171	0.042	0	1.35	0.012	0.1	0.05	0.005	2.2	0.05	0.025	3	0.25	0.1
1438953	58	0.95	482	0.084	1	3.51	0.078	0.21	0.05	0.005	2.6	0.1	0.025	7	0.25	0.1
1438954	67	0.82	311	0.087	0	1.8	0.035	0.15	0.1	0.02	3.4	0.05	0.025	5	0.25	0.1
1438955	112	1	247	0.078	0	1.5	0.012	0.21	0.05	0.005	2.7	0.1	0.025	4	0.25	0.1
1438956	51	0.64	281	0.054	0	1.26	0.022	0.06	0.2	0.06	4.8	0.05	0.025	4	0.25	0.1
1438957	65	1.03	199	0.044	0	1.65	0.022	0.08	0.1	0.005	4.2	0.05	0.025	4	0.25	0.1
1438958	44	0.73	337	0.082	1	2.74	0.035	0.18	0.1	0.01	2.1	0.1	0.025	6	0.25	0.1
1438959	71	0.84	385	0.063	0	2.62	0.04	0.09	0.05	0.005	1.9	0.05	0.025	5	0.25	0.1
1438960	99	1.41	484	0.106	0	1.62	0.021	0.41	0.05	0.005	1.8	0.2	0.025	3	0.25	0.1
1438961	96	1.48	559	0.199	0	3.48	0.034	0.39	0.05	0.005	4.5	0.3	0.025	9	0.25	0.1
1438962	66	1.13	324	0.143	0	2.83	0.05	0.17	0.2	0.005	4.9	0.05	0.025	8	0.25	0.1
1438963	43	1.09	228	0.051	0	3.02	0.025	0.17	0.1	0.02	6.4	0.1	0.025	10	0.25	0.9
1438964	21	0.18	178	0.018	0	0.78	0.005	0.05	0.05	0.04	4.4	0.1	0.025	3	0.25	0.1
1438965	54	0.72	227	0.08	0	2.14	0.004	0.49	0.05	0.02	9.2	0.4	0.025	8	0.25	0.1
1438966	36	0.48	219	0.051	0	1.49	0.009	0.05	0.2	0.02	5.6	0.05	0.025	4	0.25	0.1
1438967	28	0.15	179	0.035	0	0.76	0.004	0.05	0.1	0.02	2.1	0.2	0.025	4	0.25	0.1
1438968	38	0.5	390	0.052	1	1.7	0.01	0.06	0.2	0.07	6.3	0.1	0.025	5	0.25	0.1
1439001	29	0.53	178	0.09	0	1.39	0.006	0.35	0.05	0.02	2.9	0.3	0.025	5	0.25	0.1
1439002	29	0.48	150	0.081	0	1.55	0.006	0.19	0.1	0.02	3.4	0.2	0.025	5	0.25	0.1
1439003	30	0.48	124	0.103	0	1.63	0.005	0.41	0.05	0.05	2.4	0.3	0.025	7	0.25	0.1
1439004	33	0.71	121	0.126	0	1.88	0.005	0.51	0.05	0.01	3.8	0.4	0.025	7	0.25	0.1
1439005	37	0.84	137	0.185	0	2.29	0.006	0.8	0.05	0.02	4.4	0.6	0.025	7	0.25	0.1
1439006	37	0.76	125	0.201	0	2.34	0.005	0.83	0.05	0.01	4	0.6	0.025	8	0.25	0.1
1439007	27	0.56	105	0.127	0	1.69	0.004	0.57	0.05	0.005	2.8	0.6	0.025	6	0.25	0.1
1439008	32	0.58	186	0.078	1	1.74	0.006	0.22	0.05	0.02	4.4	0.2	0.025	6	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1439009	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613090	7035764	-138.7334023	63.43235962		823
1439010	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613116	7035762	-138.7328831	63.43233343		810
1439011	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613142	7035762	-138.7323625	63.43232517		812
1439012	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613165	7035760	-138.7319034	63.43229993		810
1439013	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613190	7035762	-138.7314014	63.43230992		805
1439014	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613216	7035761	-138.7308815	63.43229269		800
1439015	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613241	7035761	-138.7303809	63.43228475		795
1439016	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613267	7035759	-138.7298617	63.43225854		791
1439017	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613290	7035763	-138.7293983	63.4322871		788
1439018	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613316	7035763	-138.7288777	63.43227883		783
1439019	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613340	7035760	-138.7283993	63.43224429		778
1439020	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613367	7035762	-138.7278572	63.43225364		774
1439021	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613391	7035758	-138.7273795	63.43221013		772
1439022	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613417	7035760	-138.7268575	63.43221979		767
1439023	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613442	7035761	-138.7263562	63.43222079		766
1439024	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613466	7035766	-138.725872	63.43225799		757
1439025	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613466	7035766	-138.725872	63.43225799	1439024	757
1439026	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613492	7035756	-138.7253585	63.43216003		743
1439027	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613515	7035761	-138.7248944	63.43219754		742
1439028	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613541	7035763	-138.7243724	63.43220719		737
1439029	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613570	7035762	-138.7237925	63.43218898		731
1439030	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613591	7035762	-138.723372	63.43218228		728
1439031	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613618	7035763	-138.7228306	63.43218264		725
1439032	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613642	7035761	-138.7223515	63.43215705		718
1439033	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613670	7035761	-138.7217908	63.43214811		710
1439034	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613690	7035764	-138.7213882	63.43216863		709
1439034	BHC	Simon Cash	SC03	10/15/2016 0:00 07N	613690	7035764	-138.7213882	63.43216863		709
1439035	BHC	Simon Cash	SC03	10/16/2016 0:00 07N	610840	7038734	-138.776391	63.45970167		774
1439036	BHC	Simon Cash	SC03	10/16/2016 0:00 07N	610868	7038730	-138.7758326	63.45965708		782
1439037	BHC	Simon Cash	SC03	10/16/2016 0:00 07N	610892	7038733	-138.7753494	63.4596765		788
1439038	BHC	Simon Cash	SC03	10/16/2016 0:00 07N	610918	7038730	-138.7748304	63.45964149		797
1439039	BHC	Simon Cash	SC03	10/16/2016 0:00 07N	610943	7038732	-138.7743279	63.45965164		803
1439040	BHC	Simon Cash	SC03	10/16/2016 0:00 07N	610969	7038730	-138.7738082	63.45962559		813



sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1439009	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Clay
1439010	Auger	40	B	Flat	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Sand
1439011	Auger	40	C	Flat	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Sand
1439012	Auger	40	C	Subtle Slope	Reddish Yellow	Old Burn	Burnt Moss	Damp	Excellent	Sand
1439013	Auger	40	C	Subtle Slope	Reddish Yellow	Old Burn	Burnt Moss	Damp	Good	Sand
1439014	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1439015	Auger	50	C	Pronounced Slope	Reddish Yellow	Old Burn	Thin Moss Cover	Damp	Excellent	Clay
1439016	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Excellent	Sand
1439017	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Excellent	Sand
1439018	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Excellent	Sand
1439019	Auger	60	C	Pronounced Slope	Reddish Orange	Old Burn	Grass Cover	Damp	Excellent	Sand
1439020	Auger	80	C	Pronounced Slope	Light Brown	Old Burn	Burnt Moss	Damp	Excellent	Sand
1439021	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Excellent	Sand
1439022	Auger	40	C	Pronounced Slope	Reddish Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1439023	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Excellent	Sand
1439024	Auger	50	C	Pronounced Slope	Reddish Yellow	Old Burn	Burnt Moss	Damp	Excellent	Sand
1439025	Auger	50	C	Pronounced Slope	Reddish Yellow	Old Burn	Burnt Moss	Damp	Excellent	Sand
1439026	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Excellent	Sand
1439027	Auger	50	C	Pronounced Slope	Reddish Yellow	Old Burn	Burnt Moss	Damp	Excellent	Sand
1439028	Auger	40	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1439029	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Excellent	Silt
1439030	Auger	60	C	Pronounced Slope	Reddish Orange	Old Burn	Grass Cover	Damp	Excellent	Sand
1439031	Auger	30	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1439032	Auger	50	C	Subtle Slope	Greyish Green	Old Burn	Thin Moss Cover	Damp	Good	Sand
1439033	Auger	80	C	Pronounced Slope	Reddish Yellow	Old Burn	Thin Moss Cover	Damp	Good	Sand
1439034	Auger	60	C	Pronounced Slope	Reddish Orange	Old Burn	Grass Cover	Damp	Good	Sand
1439034	Auger	60	C	Pronounced Slope	Reddish Orange	Old Burn	Grass Cover	Damp	Good	Sand
1439035	Auger	50	B	Steep	Dark Grey Black	Pine	Grass Cover	Damp	Good	Clay
1439036	Auger	10	B	Steep	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Poor	Sand
1439037	Auger	20	B	Steep	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Sand
1439038	Auger	30	B	Steep	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Sand
1439039	Auger	30	B	Steep	Dark Grey Black	Old Burn	Burnt Moss	Dry	Good	Sand
1439040	Auger	30	C	Steep	Chocolate Brown	Old Burn	Burnt Moss	Dry	Poor	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1439009	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.7	18.5
1439010	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1	13
1439011				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.4	15.9
1439012	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	15.3
1439013	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.8	21.6
1439014	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.7	25.7
1439015	Sandy	Frozen	Ground frozen	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.8	14.1
1439016	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.7	31.3
1439017	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.8	33.2
1439018	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	23.3
1439019	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.9	32.3
1439020	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.3	31.1
1439021	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	30.1
1439022	Rocky Sample	Clay		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.8	27.9
1439023	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.3	21.1
1439024	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	24.8
1439025	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.7	24.5
1439026	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	24.9
1439027	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	31.7
1439028				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.9	31.7
1439029	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.4	38.9
1439030	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	21.5
1439031	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	14.3
1439032				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.4	20.9
1439033				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	34.3
1439034				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.8	23
1439034				REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.8	23.2
1439035				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	30.2
1439036	Frozen	Organic 25%	Ground frozen soli	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	1.5	32.8
1439037	Frozen		Ground frozen	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	23.1
1439038	Frozen		Ground frozen	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	1	50.5
1439039	Frozen		Ground frozen can	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	30.2
1439040				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	23.2

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1439009	11.2	62	0.1	19	9.1	284	2.57	11.4	1.1	2.7	5.8	17	0.05	0.5	0.1	47	0.2	0.02	19
1439010	12.3	43	0.3	15.7	6.4	149	2.55	15.2	0.7	3.8	6.1	11	0.05	0.6	0.2	44	0.09	0.023	16
1439011	14.7	57	1.3	17.5	8.4	220	3.02	15.7	0.6	3.6	4.2	19	0.3	0.6	0.2	47	0.14	0.05	16
1439012	13.4	65	0.4	15.8	4.8	106	2.08	26.9	1.5	13.4	3.1	10	0.2	0.5	0.2	29	0.12	0.022	18
1439013	14.1	79	0.2	23.1	13.1	265	3.16	42.6	1	17.2	7.5	12	0.1	0.7	0.2	40	0.09	0.022	21
1439014	21.5	154	0.1	32.7	11.2	342	4.41	73.7	1.8	15.6	12.1	16	0.1	0.8	0.3	30	0.16	0.04	39
1439015	15.1	50	0.3	11.6	5	157	2.74	132.1	0.9	13.8	9.3	16	0.1	0.7	0.2	27	0.13	0.025	29
1439016	17.3	86	0.1	29.3	8.8	396	2.96	53.5	1.9	9.3	13.3	12	0.1	0.8	0.2	33	0.34	0.043	41
1439017	16.5	74	0.2	31.5	15.6	813	3.56	10.2	2	1.7	13.4	14	0.05	0.4	0.2	36	0.29	0.034	40
1439018	19.2	85	0.1	25.1	13.2	477	3.33	10.8	2.5	3.4	15.4	13	0.05	0.4	0.2	35	0.26	0.05	35
1439019	23	84	0.1	30.8	15.7	624	4.11	9.8	2.4	11.2	20.4	10	0.05	0.3	0.3	39	0.38	0.063	53
1439020	23	83	0.05	29.5	14.7	421	3.62	3.6	1.8	1.1	24.6	7	0.05	0.2	0.2	21	0.24	0.051	40
1439021	16.8	85	0.05	31.3	14.2	283	3.68	4.7	2.1	3.4	18.2	10	0.05	0.4	0.3	36	0.16	0.019	51
1439022	15.8	75	0.05	30.7	14.3	388	3.72	5.7	1	1	16.2	17	0.05	0.5	0.3	41	0.3	0.034	40
1439023	10.6	52	0.05	19.5	7.9	214	2.45	6.3	1.9	2	10.4	15	0.05	0.4	0.1	30	0.23	0.045	37
1439024	16.5	82	0.05	30.6	14.7	292	3.6	6.3	1.6	0.9	13.1	10	0.05	0.8	0.3	34	0.15	0.036	23
1439025	15.3	82	0.05	28.7	13.7	278	3.57	6.8	1.4	0.8	12	11	0.05	0.8	0.3	35	0.15	0.038	21
1439026	17.1	80	0.05	29.2	14	299	3.67	8.2	1.2	2.7	13.5	14	0.05	1.3	0.3	35	0.19	0.029	35
1439027	15.5	76	0.05	29.7	13.3	320	3.6	8.3	1.4	1.7	16.1	15	0.05	0.8	0.2	34	0.18	0.028	39
1439028	11.4	65	0.05	28.7	11.9	364	3.18	8.4	1.4	4.8	6.1	13	0.05	0.8	0.2	41	0.12	0.02	23
1439029	13.2	97	0.05	35.9	16.8	614	4.37	4.6	1.4	1.6	22.2	17	0.05	0.6	0.3	48	0.22	0.024	63
1439030	9.1	64	0.05	21.1	14.1	320	3.43	8.4	1.8	4.1	13.6	17	0.05	0.7	0.2	49	0.25	0.014	45
1439031	6.9	76	0.05	12.9	16.6	502	4.49	7.7	1.1	2.4	10.2	22	0.05	0.6	0.05	83	0.5	0.09	49
1439032	6	59	0.05	17.7	13.6	324	3.29	6.5	1.1	2.2	10.5	18	0.05	0.5	0.05	56	0.35	0.038	59
1439033	12.7	76	0.05	30.1	12.8	273	3.6	8.4	1.5	3.1	18	15	0.05	1.5	0.3	33	0.25	0.043	55
1439034	13.4	95	0.05	29.7	14	608	5.17	18.4	1.4	1.7	20.4	15	0.05	6.9	0.2	61	0.24	0.049	49
1439034	13.4	96	0.05	29.6	13.7	614	5.24	19	1.4	2.2	19.6	16	0.05	6.5	0.2	62	0.24	0.048	47
1439035	6.6	41	0.05	54.9	13.6	337	1.88	8	0.8	10.5	2.4	55	0.1	0.4	0.2	32	0.52	0.062	10
1439036	9.7	46	0.2	56.9	37.5	1811	1.52	4.1	1.2	3.6	0.2	122	0.7	0.6	0.1	21	1.21	0.14	13
1439037	6.9	51	0.2	34.2	16.2	653	1.97	7.1	0.8	3.7	1.3	54	0.2	0.3	0.1	36	0.55	0.067	10
1439038	10.4	138	0.4	71.1	30.7	1419	2.49	7.1	2	3	0.7	96	0.8	0.5	0.2	34	0.92	0.157	20
1439039	7.9	64	0.2	41	20.7	1229	1.89	6	0.9	3	1.2	50	0.4	0.4	0.2	36	0.5	0.078	11
1439040	6.8	41	0.1	28	9.9	243	1.81	6.7	0.9	4.6	2.1	38	0.1	0.4	0.3	35	0.36	0.049	11

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1439009	32	0.53	223	0.075	0	1.65	0.007	0.16	0.1	0.02	4.7	0.2	0.025	6	0.25	0.1
1439010	24	0.3	154	0.043	0	1.37	0.005	0.09	0.05	0.01	1.9	0.1	0.025	5	0.25	0.1
1439011	27	0.39	192	0.053	1	1.6	0.005	0.13	0.1	0.03	2.3	0.1	0.05	5	0.25	0.1
1439012	19	0.26	102	0.024	0	1.16	0.004	0.09	0.05	0.02	1.9	0.1	0.025	4	0.25	0.1
1439013	31	0.51	134	0.084	0	1.86	0.006	0.32	0.1	0.02	3.2	0.3	0.025	6	0.25	0.1
1439014	28	0.63	139	0.122	0	1.76	0.008	0.69	0.05	0.005	3.3	0.6	0.11	6	0.25	0.1
1439015	20	0.35	111	0.045	0	1.26	0.009	0.23	0.05	0.02	2	0.2	0.1	4	0.25	0.1
1439016	29	0.65	139	0.04	0	1.35	0.004	0.17	0.05	0.03	3.8	0.2	0.025	5	0.5	0.1
1439017	31	0.59	168	0.078	0	1.62	0.005	0.39	0.05	0.03	4.3	0.3	0.025	5	0.25	0.1
1439018	31	0.6	194	0.085	0	1.61	0.005	0.42	0.05	0.01	4.3	0.3	0.025	6	0.25	0.1
1439019	37	0.61	173	0.109	0	1.62	0.005	0.59	0.05	0.02	4.8	0.4	0.025	6	0.25	0.1
1439020	23	0.31	67	0.052	0	0.95	0.003	0.37	0.05	0.02	3	0.3	0.025	4	0.25	0.1
1439021	32	0.71	152	0.12	0	2.06	0.007	0.7	0.05	0.02	5.6	0.5	0.025	7	0.25	0.1
1439022	38	0.84	201	0.203	1	2.41	0.006	0.85	0.05	0.02	4.3	0.6	0.025	7	0.25	0.1
1439023	25	0.5	157	0.08	0	1.2	0.007	0.31	0.1	0.02	3.5	0.3	0.025	4	0.25	0.1
1439024	31	0.63	158	0.144	0	1.92	0.006	0.59	0.05	0.01	3.3	0.5	0.025	6	0.25	0.1
1439025	30	0.63	153	0.165	0	1.92	0.007	0.57	0.05	0.005	3.5	0.4	0.025	6	0.25	0.1
1439026	34	0.73	202	0.168	1	1.86	0.005	0.56	0.05	0.02	4.7	0.5	0.025	6	0.25	0.1
1439027	29	0.52	175	0.099	0	1.45	0.005	0.35	0.05	0.02	4.2	0.3	0.025	4	0.25	0.1
1439028	29	0.53	159	0.104	1	1.48	0.007	0.34	0.1	0.02	4.8	0.2	0.025	5	0.25	0.1
1439029	51	1.03	303	0.288	1	2.86	0.008	1.27	0.05	0.02	6.8	0.7	0.025	9	0.25	0.1
1439030	82	1	257	0.163	1	2.22	0.011	0.55	0.05	0.01	7.1	0.4	0.025	7	0.25	0.1
1439031	32	1.25	442	0.19	0	2.48	0.008	0.76	0.05	0.01	8.5	0.4	0.025	9	0.25	0.1
1439032	136	1.14	533	0.139	0	2.31	0.015	0.66	0.05	0.02	6.2	0.3	0.025	8	0.25	0.1
1439033	31	0.64	227	0.13	1	1.73	0.009	0.64	0.05	0.02	5.1	0.5	0.025	5	0.25	0.1
1439034	46	0.99	381	0.284	1	2.65	0.009	1.37	0.1	0.02	11.6	0.8	0.025	11	0.25	0.1
1439034	46	1	370	0.285	1	2.69	0.01	1.39	0.1	0.01	11.7	0.7	0.025	11	0.25	0.1
1439035	43	0.67	281	0.037	0	1.4	0.02	0.03	0.2	0.03	2.7	0.05	0.025	3	0.25	0.1
1439036	34	0.5	501	0.02	3	1.04	0.011	0.08	0.3	0.11	1.8	0.05	0.1	2	0.25	0.1
1439037	40	0.49	317	0.031	0	1.59	0.012	0.06	0.2	0.04	2.5	0.05	0.025	4	0.25	0.1
1439038	47	0.59	573	0.026	2	2.08	0.015	0.08	0.1	0.07	3.7	0.05	0.05	4	0.25	0.1
1439039	37	0.47	361	0.031	1	1.54	0.011	0.07	0.2	0.03	2.7	0.05	0.025	4	0.25	0.1
1439040	36	0.44	330	0.033	0	1.55	0.011	0.04	0.2	0.04	2.7	0.05	0.025	4	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1439041	BHC	Simon Cash SC03	10/16/2016 0:00	07N	610994	7038732	-138.7733057	63.45963573		817
1439042	BHC	Simon Cash SC03	10/16/2016 0:00	07N	611019	7038735	-138.7728025	63.45965483		826
1439043	BHC	Simon Cash SC03	10/16/2016 0:00	07N	611043	7038731	-138.7723243	63.45961147		832
1439044	BHC	Simon Cash SC03	10/16/2016 0:00	07N	611069	7038729	-138.7718046	63.45958542		842
1439045	BHC	Simon Cash SC03	10/16/2016 0:00	07N	611095	7038731	-138.771282	63.45959524		848
1439046	BHC	Simon Cash SC03	10/16/2016 0:00	07N	611119	7038732	-138.7708003	63.45959671		857
1439047	BHC	Simon Cash SC03	10/16/2016 0:00	07N	611145	7038733	-138.7702785	63.45959756		865
1439048	BHC	Simon Cash SC03	10/16/2016 0:00	07N	611194	7038730	-138.7692985	63.45955535		878
1439048	BHC	Simon Cash SC03	10/16/2016 0:00	07N	611194	7038730	-138.7692985	63.45955535		878
1439049	BHC	Simon Cash SC03	10/16/2016 0:00	07N	611170	7038737	-138.7697746	63.45962562		867
1439050	BHC	Simon Cash SC03	10/16/2016 0:00	07N	611170	7038737	-138.7697746	63.45962562	1439049	867
1439051	BHC	Simon Cash SC03	10/16/2016 0:00	07N	611223	7038731	-138.7687165	63.45955525		885
1439052	BHC	Simon Cash SC03	10/16/2016 0:00	07N	611242	7038733	-138.7683343	63.45956725		888
1439053	BHC	Simon Cash SC03	10/16/2016 0:00	07N	611271	7038732	-138.7677538	63.45954921		894
1439054	BHC	Simon Cash SC03	10/16/2016 0:00	07N	611295	7038730	-138.7672741	63.45952377		901
1439055	BHC	Simon Cash SC03	10/16/2016 0:00	07N	611322	7038731	-138.7667323	63.45952429		909
1439056	BHC	Simon Cash SC03	10/16/2016 0:00	07N	611372	7038724	-138.765735	63.45944587		922
1439057	BHC	Simon Cash SC03	10/16/2016 0:00	07N	611396	7038729	-138.7652505	63.45948319		927
1439058	BHC	Simon Cash SC03	10/16/2016 0:00	07N	611424	7038732	-138.7646872	63.45950133		935
1439059	BHC	Simon Cash SC03	10/16/2016 0:00	07N	611448	7038729	-138.7642082	63.45946691		941
1439060	BHC	Simon Cash SC03	10/16/2016 0:00	07N	611474	7038731	-138.7636857	63.4594767		951
1439061	BHC	Simon Cash SC03	10/16/2016 0:00	07N	611498	7038727	-138.7632075	63.45943331		954
1439062	BHC	Simon Cash SC03	10/16/2016 0:00	07N	611547	7038727	-138.7622254	63.45941795		965
1439063	BHC	Simon Cash SC03	10/16/2016 0:00	07N	611572	7038729	-138.7617229	63.45942805		972
1439064	BHC	Simon Cash SC03	10/16/2016 0:00	07N	611596	7038729	-138.7612419	63.45942052		973
1439065	BHC	Simon Cash SC03	10/16/2016 0:00	07N	611622	7038729	-138.7607208	63.45941237		973
1439066	BHC	Simon Cash SC03	10/16/2016 0:00	07N	611648	7038732	-138.7601976	63.45943111		976
1439067	BHC	Simon Cash SC03	10/17/2016 0:00	07N	612650	7038029	-138.7406121	63.45281098		827
1439068	BHC	Simon Cash SC03	10/17/2016 0:00	07N	612625	7038028	-138.7411138	63.45280992		826
1439069	BHC	Simon Cash SC03	10/17/2016 0:00	07N	612600	7038028	-138.7416147	63.45281783		829
1439070	BHC	Simon Cash SC03	10/17/2016 0:00	07N	612573	7038029	-138.7421551	63.45283534		836
1439071	BHC	Simon Cash SC03	10/17/2016 0:00	07N	612547	7038029	-138.7426761	63.45284357		836
1439072	BHC	Simon Cash SC03	10/17/2016 0:00	07N	612523	7038031	-138.7431556	63.45286909		848

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1439041	Auger	5 B		Pronounced Slope	Dark Grey Black	Old Burn	Burnt Moss	Dry	Good	Sand
1439042	Auger	20 B		Steep	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1439043	Auger	30 B		Steep	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1439044	Auger	40 B		Steep	Light Grey	Old Burn	Thin Moss Cover	Damp	Good	Sand
1439045	Auger	30 B		Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Sand
1439046	Auger	30 B		Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Poor	Sand
1439047	Auger	20 B		Pronounced Slope	Grey	Old Burn	Thin Moss Cover	Damp	Poor	Sand
1439048	Auger	20 B		Pronounced Slope	Grey	Old Burn	Grass Cover	Dry	Poor	Sand
1439048	Auger	20 B		Pronounced Slope	Grey	Old Burn	Grass Cover	Dry	Poor	Sand
1439049	Auger	40 B		Pronounced Slope	Light Brown	Old Burn	Sphagnum Moss <	Damp	Good	Sand
1439050	Auger	40 B		Pronounced Slope	Light Brown	Old Burn	Sphagnum Moss <	Damp	Good	Sand
1439051	Auger	40 B		Pronounced Slope	Chocolate Brown	Old Burn	Sphagnum Moss <	Damp	Excellent	Sand
1439052	Auger	20 B		Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Poor	Silt
1439053	Auger	40 B		Pronounced Slope	Chocolate Brown	Old Burn	Sphagnum Moss <	Damp	Excellent	Sand
1439054	Auger	40 B		Steep	Chocolate Brown	Old Burn	Burnt Moss	Damp	Excellent	Sand
1439055	Hands	0 B		Steep	Grey	Old Burn	Burnt Moss	Damp	Good	Clay
1439056	Hands	0 B		Pronounced Slope	Grey	Old Burn	Grass Cover	Dry	Good	Clay
1439057	Auger	10 B		Steep	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1439058	Auger	10 B		Steep	Chocolate Brown	Old Burn	Burnt Moss	Dry	Poor	Sand
1439059	Auger	30 B		Steep	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1439060	Auger	20 B		Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Poor	Sand
1439061	Auger	30 B		Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1439062	Auger	20 B		Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1439063	Auger	30 B		Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Excellent	Sand
1439064	Auger	20 B		Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1439065	Auger	20 B		Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Poor	Sand
1439066	Auger	30 C		Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Sand
1439067	Mattock	5 B		Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Poor	Sand
1439068	Mattock	20 B		Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Sand
1439069	Auger	40 B		Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1439070	Auger	80 B		Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Excellent	Sand
1439071	Auger	70 B		Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Excellent	Sand
1439072	Auger	50 B		Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Excellent	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1439041	Frozen		Ground frozen	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	28.8
1439042	Frozen	Organic 10%	Ground super froz	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	1.2	38.1
1439043	Frozen		Ground is frozen!!!	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	25
1439044	Frozen		Ground super froz	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	20.3
1439045	Frozen		FROZEN	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	13.9
1439046	Frozen	Organic 10%		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	1.5	35.9
1439047	Frozen		Ground. Frozen.	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	23.8
1439048	Frozen	Organic 25%	FROZEN GROUNI	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	12.7
1439048	Frozen	Organic 25%	FROZEN GROUNI	REP	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	13.5
1439049	Frozen		Got more than 30c	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.2	11.5
1439050	Frozen		Got more than 30c	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	11.9
1439051	Frozen		Frozen frozen froz	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	18
1439052	Frozen	Organic 25%	The ground is froz	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	1	24.8
1439053	Frozen		Found a non froze	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	81.7
1439054	Frozen		Sample taken from	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	117
1439055	Frozen	Organic 10%	Soil is from turned	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	21.4
1439056	Frozen		Sample taken from	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	1.1	34
1439057	Frozen	Organic 10%	Sample was too fr	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	1	22.6
1439058	Frozen	Organic 25%	Frozen sample	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	1.4	26
1439059	Frozen		Ground is frozen s	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	22.3
1439060	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	23.8
1439061	Frozen	Clay		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	22.7
1439062	Clay	Frozen	Can't tell if frozen	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	17.1
1439063	Clay	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	17.5
1439064	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	20.7
1439065	Frozen	Small Sample	Clay?	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.9	16.1
1439066	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	21.4
1439067	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	25.6
1439068	Frozen		Can't auger as gro	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.9	22.7
1439069	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	39.6
1439070	Clay	Partially Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	37.8
1439071	Partially Frozen	Clay		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	34.4
1439072	Clay	Partially Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	32.6

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1439041	7.7	57	0.2	44.5	17.4	938	2.13	7.6	0.9	3.8	0.9	53	0.2	0.4	0.1	38	0.57	0.078	11
1439042	8.8	70	0.4	57.6	28.8	1922	2.4	9.1	0.9	4.1	1.6	51	0.4	0.5	0.1	43	0.58	0.077	11
1439043	7.4	50	0.2	36.3	11.6	383	2.21	9	0.6	5	1	37	0.1	0.5	0.1	44	0.38	0.053	9
1439044	6.2	36	0.05	30.7	7.6	159	1.68	6	0.6	2.8	2.5	30	0.05	0.4	0.05	35	0.32	0.046	10
1439045	6.3	41	0.1	15.6	6.4	323	1.73	6.6	0.5	64.6	2.2	35	0.1	0.3	0.1	38	0.35	0.042	9
1439046	13.2	72	0.3	47.6	28.7	1073	3.25	16.5	1.3	6	1.8	52	0.4	0.5	0.2	62	0.54	0.086	11
1439047	6.7	46	0.2	17.5	7.5	291	1.63	5.6	0.7	3.7	1.3	42	0.2	0.3	0.2	36	0.41	0.037	9
1439048	5.5	40	0.05	17.2	9.4	256	2.13	5.7	0.6	65.7	2.6	45	0.05	0.3	0.05	45	0.42	0.081	10
1439048	5.8	42	0.05	18.2	10	265	2.21	5.9	0.7	134.3	2.8	48	0.1	0.3	0.05	46	0.43	0.081	10
1439049	5	60	0.05	16.2	10.7	461	2.78	13.6	1.5	2.2	13.3	188	0.05	0.1	0.05	52	0.77	0.101	37
1439050	5.7	62	0.05	16.8	11.2	490	2.94	15	1.5	2.4	14.4	209	0.05	0.1	0.05	56	0.8	0.098	38
1439051	7	38	0.05	19.1	8.3	176	1.77	6.6	0.7	5.9	2.7	41	0.05	0.3	0.1	39	0.37	0.048	11
1439052	11.7	38	0.3	21.9	15.5	551	2.03	6.5	0.9	1.6	2	35	0.1	0.2	0.2	46	0.29	0.052	12
1439053	5.7	29	0.05	88.6	20.8	193	1.89	10	0.6	2.3	2.2	27	0.05	0.3	0.05	37	0.37	0.035	9
1439054	7.4	36	0.05	123.9	23.9	205	2.31	10.1	0.7	3.8	2.3	26	0.05	0.4	0.1	43	0.33	0.029	11
1439055	8.4	28	0.1	14.7	5.4	83	1.41	5.2	0.6	1.6	0.3	18	0.1	0.3	0.2	33	0.15	0.053	8
1439056	8	50	0.2	25.6	11.2	267	2.08	6.4	0.9	2.7	1.2	50	0.4	0.4	0.2	40	0.5	0.083	9
1439057	10.1	53	0.2	20.1	16.8	809	1.91	5.4	0.8	0.25	0.9	67	0.6	0.4	0.2	39	0.85	0.067	8
1439058	10.7	60	0.3	20.4	31.8	2257	1.69	4.8	1	1.5	0.3	61	0.6	0.6	0.2	34	0.61	0.08	11
1439059	6.8	46	0.1	20	7.7	224	1.94	6.5	0.7	3.4	2.5	46	0.1	0.5	0.1	40	0.44	0.06	11
1439060	6.9	43	0.2	19.6	10.6	533	1.96	7.6	0.8	3.8	2	53	0.1	0.5	0.1	42	0.55	0.064	11
1439061	5.9	36	0.05	18.7	11	268	1.97	9.7	0.8	4.8	2.6	46	0.05	0.4	0.1	44	0.5	0.088	12
1439062	7.6	38	0.05	17.4	8.2	158	2.12	7.3	0.4	2.2	1.9	31	0.05	0.4	0.1	49	0.26	0.032	8
1439063	6.6	36	0.05	16.3	7	158	1.9	7	0.6	12.6	2.3	35	0.05	0.4	0.2	43	0.27	0.026	11
1439064	7.9	48	0.05	17.8	8.5	244	2.23	8.6	0.6	4.3	3.1	31	0.05	0.6	0.1	49	0.24	0.039	11
1439065	9.2	38	0.2	16.5	7.6	175	2.04	8.9	0.5	1.7	1	31	0.05	0.5	0.2	46	0.26	0.044	8
1439066	8.2	48	0.05	20.9	11.5	250	2.57	9.7	0.5	10.1	1.6	34	0.05	0.5	0.2	56	0.25	0.029	11
1439067	9.2	31	0.1	22.8	8.8	187	1.76	5.8	0.4	0.9	0.9	41	0.1	0.3	0.1	43	0.3	0.027	8
1439068	8.7	34	0.05	17.3	8.5	155	2.02	6	0.4	1.4	1.9	42	0.2	0.3	0.2	54	0.43	0.033	8
1439069	6.9	43	0.05	37.6	12.4	339	2.2	6.2	1.2	3.9	3	62	0.2	0.5	0.3	45	0.76	0.063	15
1439070	9	46	0.05	40.6	13.8	320	2.37	8.5	1.1	4.1	3.8	54	0.05	0.6	0.2	50	0.67	0.059	15
1439071	8.2	42	0.05	32.6	11.5	234	2.28	6.4	1	3.1	3.9	53	0.05	0.5	0.1	50	0.64	0.057	14
1439072	7.5	40	0.1	32	14.8	479	2.31	5.9	1	2.2	3.3	83	0.05	0.4	0.1	52	0.74	0.061	15



sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1439041	46	0.52	441	0.036	2	2.09	0.014	0.05	0.1	0.04	2.9	0.05	0.025	5	0.25	0.1
1439042	55	0.57	495	0.043	2	1.96	0.015	0.07	0.1	0.03	3.4	0.05	0.025	5	0.25	0.1
1439043	45	0.53	299	0.042	0	1.89	0.012	0.06	0.1	0.03	2.7	0.05	0.025	5	0.25	0.1
1439044	45	0.5	230	0.051	0	1.24	0.012	0.03	0.2	0.03	2.6	0.05	0.025	3	0.25	0.1
1439045	27	0.42	217	0.049	0	1.51	0.011	0.03	0.2	0.02	2.5	0.05	0.025	4	0.25	0.1
1439046	61	0.59	455	0.045	1	3.48	0.02	0.08	0.1	0.04	4.9	0.05	0.025	8	0.25	0.1
1439047	30	0.36	259	0.037	0	1.71	0.009	0.06	0.1	0.03	2.3	0.05	0.025	6	0.25	0.1
1439048	38	0.7	249	0.081	0	1.91	0.012	0.19	0.2	0.03	2.7	0.2	0.025	5	0.25	0.1
1439048	40	0.73	269	0.085	0	1.97	0.012	0.2	0.2	0.03	2.9	0.2	0.025	6	0.25	0.1
1439049	56	1.15	320	0.161	0	2.6	0.014	0.77	0.2	0.005	6.7	0.5	0.025	10	0.25	0.1
1439050	61	1.22	323	0.174	0	2.73	0.014	0.83	0.2	0.005	7.5	0.6	0.025	11	0.25	0.1
1439051	38	0.54	225	0.051	0	1.48	0.015	0.03	0.2	0.01	2.9	0.05	0.025	4	0.25	0.1
1439052	43	0.45	229	0.063	0	1.93	0.01	0.07	0.1	0.05	3.4	0.1	0.025	6	0.25	0.1
1439053	86	0.74	213	0.046	0	1.31	0.009	0.03	0.1	0.02	3.1	0.05	0.025	4	0.25	0.1
1439054	72	0.71	240	0.047	0	1.54	0.011	0.03	0.1	0.02	3.7	0.05	0.025	4	0.25	0.1
1439055	26	0.24	150	0.028	0	1.28	0.007	0.05	0.1	0.05	1.6	0.05	0.025	5	0.25	0.1
1439056	37	0.45	320	0.033	1	2.3	0.011	0.08	0.1	0.07	3.6	0.05	0.025	6	0.25	0.1
1439057	33	0.47	326	0.029	1	1.97	0.012	0.05	0.1	0.05	3.1	0.2	0.06	5	0.25	0.1
1439058	27	0.35	417	0.021	1	1.66	0.011	0.05	0.1	0.08	2.1	0.05	0.06	4	0.25	0.1
1439059	31	0.51	308	0.045	0	1.71	0.017	0.03	0.2	0.03	3.3	0.05	0.025	4	0.25	0.1
1439060	33	0.49	286	0.042	1	1.86	0.016	0.04	0.2	0.05	4.2	0.05	0.025	4	0.25	0.1
1439061	35	0.56	261	0.049	0	1.75	0.018	0.03	0.1	0.02	3.6	0.05	0.025	5	0.25	0.1
1439062	33	0.51	188	0.046	0	2	0.011	0.03	0.1	0.02	2.6	0.05	0.025	5	0.25	0.1
1439063	30	0.49	213	0.048	0	1.62	0.012	0.03	0.1	0.02	3	0.05	0.025	4	0.25	0.1
1439064	30	0.48	242	0.046	0	2	0.01	0.04	0.1	0.03	3.2	0.05	0.025	5	0.25	0.1
1439065	27	0.41	199	0.038	0	1.84	0.013	0.04	0.1	0.04	2.4	0.05	0.025	6	0.25	0.1
1439066	37	0.64	245	0.052	0	2.35	0.012	0.04	0.1	0.02	3.2	0.1	0.025	6	0.25	0.1
1439067	41	0.49	252	0.04	0	1.62	0.013	0.06	0.05	0.01	2.2	0.05	0.025	5	0.25	0.1
1439068	24	0.55	261	0.097	0	1.78	0.014	0.1	0.1	0.005	2.4	0.05	0.025	7	0.25	0.1
1439069	64	0.77	464	0.056	0	1.87	0.023	0.06	0.1	0.04	4.8	0.05	0.025	5	0.25	0.1
1439070	67	0.77	392	0.063	0	2.02	0.029	0.05	0.2	0.03	4.7	0.05	0.025	5	0.25	0.1
1439071	57	0.78	338	0.073	0	1.98	0.031	0.07	0.2	0.02	4.5	0.05	0.025	5	0.25	0.1
1439072	62	0.84	413	0.073	0	2.07	0.034	0.05	0.1	0.02	4.5	0.05	0.025	6	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1439073	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	612497	7038034	-138.7436744	63.45290421		847
1439074	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	612447	7038030	-138.7446792	63.45288414		854
1439075	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	612447	7038030	-138.7446792	63.45288414	1439074	854
1439076	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	612473	7038030	-138.7441582	63.45287593		852
1439077	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	612422	7038029	-138.7451808	63.45288307		864
1439078	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	612398	7038029	-138.7456617	63.45289065		867
1439079	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	612373	7038029	-138.7461627	63.45289855		875
1439080	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	612347	7038029	-138.7466837	63.45290675		888
1439081	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	612322	7038030	-138.7471839	63.45292361		897
1439082	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	612297	7038029	-138.7476856	63.45292253		902
1439083	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	612272	7038029	-138.7481865	63.45293042		914
1439084	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	612248	7038029	-138.7486675	63.45293799		918
1439085	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	612221	7038029	-138.7492085	63.45294651		914
1439086	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	612199	7038031	-138.7496479	63.45297138		910
1439087	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	612172	7038031	-138.7501889	63.45297989		909
1439088	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	612146	7038031	-138.7507099	63.45298808		904
1439089	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	612121	7038028	-138.751213	63.45296905		902
1439090	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	612097	7038026	-138.7516953	63.45295868		898
1439091	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	612071	7038029	-138.7522142	63.45299377		893
1439091	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	612071	7038029	-138.7522142	63.45299377		893
1439092	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	612047	7038031	-138.7526937	63.45301926		894
1439093	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	612022	7038031	-138.7531947	63.45302713		890
1439094	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	612000	7038030	-138.7536362	63.45302509		888
1439095	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	611969	7038027	-138.7542595	63.45300794		894
1439096	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	611947	7038029	-138.754699	63.45303279		895
1439097	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	611920	7038028	-138.7552407	63.45303232		899
1439098	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	611896	7038026	-138.755723	63.45302193		903
1439099	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	611871	7038028	-138.7562226	63.45304772		909
1439100	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	611871	7038028	-138.7562226	63.45304772	1439099	910
1439101	BHC	Simon Cash	SC03	10/17/2016 0:00 07N	611848	7038031	-138.7566814	63.45308186		910
1439102	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	612447	7038733	-138.7441827	63.45918847		890
1439103	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	612422	7038731	-138.7446852	63.45917843		895
1439104	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	612398	7038730	-138.7451669	63.45917705		898

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1439073	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Sand
1439074	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1439075	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1439076	Auger	10	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Poor	Sand
1439077	Auger	10	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Poor	Sand
1439078	Auger	40	B	Steep	Chocolate Brown	Old Burn	Grass Cover	Damp	Excellent	Sand
1439079	Auger	50	C	Steep	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1439080	Auger	50	C	Pronounced Slope	Reddish Yellow	Old Burn	Grass Cover	Damp	Good	Sand
1439081	Auger	40	B	Steep	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1439082	Auger	40	C	Steep	Greyish Green	Old Burn	Thin Moss Cover	Damp	Good	Sand
1439083	Auger	60	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Excellent	Sand
1439084	Auger	50	B	Pronounced Slope	Greyish Green	Old Burn	Thin Moss Cover	Damp	Excellent	Sand
1439085	Auger	50	B	Steep	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1439086	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1439087	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Excellent	Sand
1439088	Auger	60	C	Pronounced Slope	Greyish Green	Old Burn	Thin Moss Cover	Damp	Poor	Sand
1439089	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1439090	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1439091	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1439091	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1439092	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Poor	Sand
1439093	Auger	70	B	Subtle Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Damp	Good	Sand
1439094	Auger	40	B	Pronounced Slope	Dark Grey Black	Old Burn	Grass Cover	Damp	Good	Clay
1439095	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Poor	Sand
1439096	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Poor	Sand
1439097	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1439098	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Clay
1439099	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1439100	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1439101	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Sphagnum Moss <	Damp	Good	Sand
1439102	Auger	10	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Sand
1439103	Auger	10	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Poor	Sand
1439104	Auger	10	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1439073	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	35.1
1439074	Clay	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	30.6
1439075	Clay	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	31
1439076	Frozen	Organic 50%		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	24.7
1439077	Organic 25%	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	31.5
1439078	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	26.1
1439079	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.2	41.9
1439080	Partially Frozen	Small Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	43.6
1439081	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	32
1439082	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	18.2
1439083	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.2	33.8
1439084	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.2	30.7
1439085	Frozen	Clay		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	25.2
1439086	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	23
1439087	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	27.7
1439088				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	32.2
1439089	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	31.6
1439090	Clay	Partially Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	31.7
1439091	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	25.3
1439091	Partially Frozen			REP	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	25.1
1439092	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	31.8
1439093	Mud			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	41.8
1439094	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	45
1439095	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	39.4
1439096	Organic 10%	Partially Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	32.8
1439097	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	38.4
1439098	Mud			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	39.2
1439099	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	36.8
1439100	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	37.2
1439101	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	17.1
1439102	Frozen	Organic 50%	Small sample	SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1	33.7
1439103	Frozen	Organic 50%		SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.8	31.6
1439104	Frozen	Organic 50%	Ground to frozen to	SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.9	49.9

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1439073	7.5	40	0.2	34.6	14.7	343	2.41	6.1	0.8	3.2	2.2	81	0.2	0.4	0.2	54	0.8	0.055	15
1439074	7.6	41	0.05	30.5	12.9	291	2.26	5.6	0.5	3.2	2.8	57	0.05	0.4	0.05	56	0.67	0.066	13
1439075	8.5	41	0.05	31.1	13.2	312	2.36	5.9	0.6	3.3	3.5	63	0.1	0.4	0.05	57	0.76	0.072	14
1439076	7.3	37	0.1	25.7	10.8	247	2.13	7.5	0.3	5.5	0.8	57	0.1	0.4	0.1	51	0.52	0.048	8
1439077	8.2	47	0.2	28.3	13.6	1044	2.09	5.2	0.5	1.8	1.2	75	0.3	0.4	0.1	46	1.05	0.077	15
1439078	8.9	38	0.05	25.9	10.8	309	2.2	7.5	0.7	4.4	4.3	45	0.05	0.5	0.1	48	0.53	0.037	15
1439079	6.3	43	0.05	43.6	15.1	271	2.66	5.4	0.5	7	7.4	53	0.05	0.3	0.05	60	0.68	0.058	26
1439080	7	59	0.05	35.9	11.8	284	2.65	10	0.7	18.9	3.9	75	0.1	0.5	0.1	88	0.79	0.057	14
1439081	7.9	44	0.05	26.6	11.9	296	2.26	8.7	0.7	4	3.2	47	0.05	0.5	0.2	57	0.41	0.057	12
1439082	6.9	37	0.05	18.1	11.2	181	2.32	5.6	0.3	13.8	1.1	87	0.05	0.3	0.2	57	0.88	0.192	8
1439083	4.9	20	0.05	30.7	14.2	114	1.6	4.6	0.3	6.4	1.5	100	0.05	0.1	0.05	37	0.73	0.146	8
1439084	5.3	25	0.05	24.7	11.5	118	1.76	3.7	0.2	11.9	1.6	121	0.05	0.2	0.05	46	0.99	0.074	6
1439085	8.6	44	0.05	22.7	10.5	196	2.09	7.4	0.5	4.9	2.7	65	0.05	0.6	0.1	49	0.41	0.031	10
1439086	7.4	39	0.05	23.6	8.5	179	1.88	5.8	0.7	4	2.8	50	0.05	0.5	0.1	44	0.49	0.064	12
1439087	8.6	42	0.05	33.4	10.2	305	2.12	6	0.4	1.9	2.7	39	0.1	0.5	0.1	48	0.46	0.035	11
1439088	7.4	40	0.05	35	10.5	234	2.12	7.9	0.6	6.5	3.7	31	0.05	0.5	0.1	44	0.4	0.047	13
1439089	11.5	54	0.1	29.4	10.1	263	2.41	10.2	0.5	3.3	4.1	31	0.05	0.8	0.2	52	0.5	0.047	15
1439090	7	34	0.05	41.8	11	189	1.91	7.2	0.5	5.5	3.2	39	0.05	0.4	0.1	41	0.41	0.054	10
1439091	8	40	0.05	27.8	9.9	264	1.93	6.8	0.6	3.2	3.3	35	0.05	0.4	0.1	43	0.37	0.034	11
1439091	8.1	39	0.05	27.7	9.9	260	1.9	6.7	0.6	2.7	3.2	34	0.05	0.4	0.1	43	0.36	0.035	11
1439092	9.1	68	0.3	26.5	15.1	930	2.35	8.7	0.9	2.7	3.6	83	0.3	0.6	0.2	51	0.83	0.088	15
1439093	8.6	42	0.05	39.8	16.4	382	2.35	8	0.8	6.9	3.1	44	0.05	0.5	0.1	59	0.54	0.073	11
1439094	8.5	32	0.1	36.2	12.8	236	2.03	6.7	0.6	2.2	1.9	86	0.2	0.5	0.1	51	0.96	0.076	10
1439095	6.8	69	0.2	30.5	16	801	2.13	7.7	0.9	7.7	2.4	140	0.4	0.6	0.05	52	1.69	0.115	16
1439096	8.4	35	0.1	27	13.1	271	2.06	8.4	0.8	6.9	2.9	74	0.2	0.6	0.1	50	0.97	0.074	12
1439097	10	34	0.1	30.5	14.4	292	2.19	7.6	0.8	5.9	3.3	71	0.05	0.5	0.1	53	0.7	0.068	11
1439098	6.7	35	0.1	29.4	15.2	349	2.04	7.2	0.8	4.3	2.1	68	0.2	0.5	0.05	50	0.7	0.079	11
1439099	8.4	49	0.2	28.7	14.6	462	2.15	9.2	0.7	1.7	2.4	56	0.3	0.5	0.1	59	0.56	0.041	11
1439100	8.1	44	0.3	25.7	15.5	532	2	8.2	0.8	2	1.9	61	0.3	0.5	0.1	56	0.63	0.045	11
1439101	7.2	38	0.05	20.3	9.2	234	1.86	7	0.5	4.8	2.8	29	0.1	0.4	0.1	42	0.3	0.026	9
1439102	6.8	34	0.2	41	11.5	184	1.43	2	0.6	1.1	0.3	44	0.2	0.2	0.05	29	0.33	0.05	8
1439103	7.7	33	0.3	28.1	9.6	165	1.55	3.2	0.7	1.5	0.4	46	0.3	0.2	0.1	34	0.42	0.061	9
1439104	5.6	30	0.2	75.2	14.1	214	1.48	2.6	0.6	0.25	0.2	41	0.2	0.1	0.05	28	0.39	0.049	9

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1439073	61	0.79	405	0.067	0	2.39	0.021	0.11	0.1	0.05	4.2	0.05	0.025	7	0.25	0.1
1439074	55	0.78	330	0.082	0	2.26	0.034	0.13	0.1	0.02	3.7	0.05	0.025	6	0.25	0.1
1439075	57	0.81	349	0.09	0	2.35	0.037	0.13	0.1	0.01	4.3	0.05	0.025	6	0.25	0.1
1439076	45	0.58	333	0.048	1	1.91	0.016	0.11	0.1	0.02	2.9	0.05	0.025	6	0.25	0.1
1439077	40	0.62	564	0.056	3	1.9	0.029	0.11	0.2	0.03	3.3	0.05	0.025	5	0.25	0.1
1439078	42	0.63	360	0.062	0	1.98	0.028	0.04	0.1	0.02	4	0.05	0.025	6	0.25	0.1
1439079	87	1.25	346	0.12	0	2.38	0.037	0.12	0.1	0.01	4.7	0.1	0.025	6	0.25	0.1
1439080	53	0.86	438	0.071	1	2.41	0.043	0.08	0.1	0.01	6.5	0.05	0.025	7	0.25	0.1
1439081	33	0.54	301	0.04	2	1.79	0.017	0.04	0.1	0.02	4.7	0.05	0.025	5	0.25	0.1
1439082	27	0.83	217	0.041	0	2.38	0.031	0.04	0.1	0.01	3.1	0.05	0.025	7	0.25	0.1
1439083	39	0.74	231	0.032	0	2.35	0.043	0.03	0.05	0.01	2.6	0.05	0.025	4	0.25	0.1
1439084	41	0.75	251	0.047	0	2.89	0.089	0.03	0.05	0.01	3.9	0.05	0.025	5	0.25	0.1
1439085	33	0.55	227	0.049	0	1.82	0.021	0.04	0.1	0.02	4.1	0.05	0.025	5	0.25	0.1
1439086	30	0.52	235	0.053	1	1.52	0.018	0.04	0.1	0.02	3.2	0.05	0.025	4	0.25	0.1
1439087	42	0.53	281	0.052	1	1.59	0.016	0.04	0.1	0.03	4.2	0.05	0.025	4	0.25	0.1
1439088	72	0.64	238	0.053	0	1.42	0.014	0.04	0.2	0.02	4.1	0.05	0.025	4	0.25	0.1
1439089	34	0.5	381	0.049	0	1.54	0.015	0.04	0.2	0.04	4.3	0.05	0.025	5	0.25	0.1
1439090	75	0.66	260	0.047	0	1.53	0.018	0.04	0.2	0.01	3.3	0.05	0.025	4	0.25	0.1
1439091	46	0.52	298	0.049	0	1.43	0.013	0.05	0.1	0.01	3.1	0.05	0.025	4	0.25	0.1
1439091	47	0.51	298	0.048	0	1.38	0.013	0.05	0.2	0.02	3.2	0.05	0.025	4	0.25	0.1
1439092	32	0.52	489	0.051	2	1.91	0.029	0.12	0.1	0.01	4.8	0.05	0.025	5	0.25	0.1
1439093	58	0.64	328	0.041	0	1.97	0.017	0.04	0.3	0.02	5	0.05	0.025	5	0.25	0.1
1439094	59	0.61	311	0.04	1	2.05	0.018	0.03	0.1	0.03	4.6	0.05	0.025	5	0.25	0.1
1439095	54	0.72	472	0.052	3	2.42	0.031	0.11	0.05	0.05	5.2	0.05	0.025	5	0.25	0.1
1439096	45	0.67	355	0.064	1	2.21	0.038	0.05	0.1	0.04	4.2	0.05	0.025	5	0.25	0.1
1439097	55	0.71	336	0.06	0	2.36	0.032	0.05	0.1	0.03	4.7	0.05	0.025	6	0.25	0.1
1439098	56	0.62	354	0.044	0	2.2	0.024	0.03	0.1	0.03	4.6	0.05	0.025	5	0.25	0.1
1439099	55	0.62	345	0.038	1	2.23	0.013	0.05	0.1	0.04	4.2	0.05	0.025	6	0.25	0.1
1439100	48	0.54	356	0.035	1	2.12	0.013	0.05	0.1	0.04	4	0.05	0.025	6	0.25	0.1
1439101	30	0.47	331	0.032	0	1.8	0.011	0.03	0.1	0.02	2.7	0.05	0.025	5	0.25	0.1
1439102	61	0.71	239	0.042	0	1.37	0.011	0.09	0.05	0.06	1.2	0.05	0.025	4	0.25	0.1
1439103	45	0.5	222	0.044	2	1.49	0.01	0.06	0.1	0.07	1.6	0.05	0.025	5	0.25	0.1
1439104	97	0.87	236	0.046	1	1.36	0.009	0.08	0.05	0.04	1.4	0.05	0.025	4	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1439105	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	612373	7038732	-138.7456666	63.45920288		904
1439106	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	612349	7038733	-138.7461469	63.45921943		905
1439107	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	612321	7038730	-138.7467102	63.45920136		913
1439108	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	612297	7038730	-138.7471912	63.45920894		916
1439109	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	612270	7038730	-138.7477324	63.45921746		919
1439110	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	612221	7038734	-138.7487117	63.45926879		925
1439111	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	612197	7038729	-138.7491962	63.45923152		930
1439112	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	612171	7038725	-138.7497293	63.4592004		938
1439113	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	612145	7038732	-138.7502363	63.45927481		940
1439114	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	612122	7038731	-138.750698	63.4592731		944
1439115	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	612097	7038729	-138.7512005	63.45926304		950
1439116	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	612069	7038729	-138.7517617	63.45927186		944
1439117	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	612045	7038736	-138.7522378	63.45934219		952
1439118	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	612022	7038733	-138.7527008	63.45932253		955
1439119	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	611971	7038732	-138.7537237	63.45932961		959
1439120	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	611945	7038729	-138.754247	63.45931089		968
1439121	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	611921	7038731	-138.7547266	63.45933638		975
1439122	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	611897	7038733	-138.7552062	63.45936186		972
1439123	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	611870	7038732	-138.7557481	63.45936138		974
1439124	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	611845	7038733	-138.7562484	63.45937821		972
1439125	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	611845	7038733	-138.7562484	63.45937821	1439124	972
1439126	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	611821	7038731	-138.7567308	63.45936782		979
1439127	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	611797	7038730	-138.7572126	63.45936639		982
1439128	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	611771	7038731	-138.7577733	63.45938353		981
1439128	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	611771	7038731	-138.7577733	63.45938353		981
1439129	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	611746	7038730	-138.7582348	63.45938241		984
1439130	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	611720	7038729	-138.7587566	63.45938161		980
1439131	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	611695	7038731	-138.7592562	63.45940739		978
1439132	BHC	Simon Cash	SC03	10/18/2016 0:00 07N	611670	7038731	-138.7597573	63.45941524		976
1439133	BHC	Simon Cash	SC03	10/19/2016 0:00 07N	612950	7037630	-138.7348837	63.44913779		748
1439134	BHC	Simon Cash	SC03	10/19/2016 0:00 07N	612924	7037630	-138.7354046	63.44914604		744
1439135	BHC	Simon Cash	SC03	10/19/2016 0:00 07N	612898	7037627	-138.7359276	63.44912738		747
1439136	BHC	Simon Cash	SC03	10/19/2016 0:00 07N	612873	7037627	-138.7364285	63.44913531		754

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1439105	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Excellent	Sand
1439106	Auger	20	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Poor	Sand
1439107	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Sand
1439108	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1439109	Auger	10	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Poor	Sand
1439110	Auger	30	B	Pronounced Slope	Greyish Green	Old Burn	Grass Cover	Damp	Excellent	Sand
1439111	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Clay
1439112	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Clay
1439113	Auger	10	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Poor	Sand
1439114	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Clay
1439115	Auger	10	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Poor	Sand
1439116	Auger	5	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Sand
1439117	Auger	10	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Poor	Sand
1439118	Auger	10	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Poor	Sand
1439119	Mattock	5	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Sand
1439120	Mattock	10	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Poor	Sand
1439121	Mattock	10	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Poor	Sand
1439122	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1439123	Auger	20	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Poor	Sand
1439124	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1439125	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1439126	Auger	40	B	Pronounced Slope	Chocolate Brown	Black Spruce	Sphagnum Moss <	Damp	Good	Clay
1439127	Auger	20	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Poor	Sand
1439128	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Sand
1439128	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Sand
1439129	Auger	5	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Poor	Sand
1439130	Auger	20	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Excellent	Sand
1439131	Auger	10	A	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Excellent	Sand
1439132	Auger	10	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Poor	Sand
1439133	Auger	50	B	Subtle Slope	Chocolate Brown	Black Spruce	Leaf Cover	Wet	Good	Sand
1439134	Auger	100	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Leaf Cover	Dry	Good	Sand
1439135	Auger	80	B	Subtle Slope	Dark Grey Black	Black Spruce	Sphagnum Moss <	Damp	Good	Sand
1439136	Auger	50	C	Subtle Slope	Reddish Orange	Black Spruce	Sphagnum Moss <	Damp	Excellent	Sand



sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1439105	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.4	26.1
1439106	Frozen	Organic 50%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.8	33.7
1439107	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.5	20.8
1439108	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.5	22.1
1439109	Frozen	Small Sample	-60% organic -ver	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.8	25.3
1439110	Frozen	Frozen	Frozen	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.2	22.2
1439111	Frozen	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.3	23.4
1439112	Frozen	Sandy	Soil quality low as	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.6	22.2
1439113	Frozen	Organic 50%	Sample taken from	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.7	28.1
1439114	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.6	26.2
1439115	Frozen	Organic 50%	F. R.	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.9	32.7
1439116	Organic 50%	Frozen	Auger bent while tr	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.6	31.9
1439117	Frozen	Organic 50%	6 off course becau	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.9	31
1439118	Frozen	Organic 50%	Made fire to warm	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.7	24.2
1439119	Frozen	Organic 25%	Dug 7cm deep pit :	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.5	21.8
1439120	Frozen	Organic 25%	Dug 10cm deep pit	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.6	19
1439121	Frozen	Rocky Sample	At the time of remc	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.7	20.8
1439122	Frozen	Rocky Terrain	Very rocky ground!	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.5	22.4
1439123	Organic 50%	Frozen	#NAME?	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.8	22.5
1439124	Frozen	Clay		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.3	20.8
1439125	Frozen	Clay		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.4	20.8
1439126	Frozen		Ground to frozen a	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.4	17.1
1439127	Fine	Frozen	Couldn't go any de	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1	25.4
1439128	Frozen	Clay		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.6	24.4
1439128	Frozen	Clay		REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.6	23.3
1439129	Frozen	Small Sample	Sample created frc	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.8	33.6
1439130	Small Sample	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.9	24.8
1439131	Frozen	Small Sample	Fine	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.8	35.5
1439132	Fine	Frozen	Organic 60% Groi	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.8	38.3
1439133	Mud		Sample site on cre	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	20.2
1439134	Mud	Small Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1	17.9
1439135	Clay	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1	28.6
1439136	Fine	Clay		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	3	20

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1439105	6.6	39	0.05	38.5	11.9	159	2.32	5.1	0.5	1.7	3	70	0.05	0.2	0.05	54	0.49	0.048	11
1439106	7.3	47	0.2	37.5	11.2	384	1.83	3.1	0.9	1.8	0.5	61	0.3	0.2	0.05	39	0.63	0.072	12
1439107	6.7	40	0.05	27	10.3	159	2.16	5.6	0.5	6.2	2.5	52	0.05	0.2	0.1	49	0.54	0.065	10
1439108	5.6	57	0.1	26.1	10.9	928	1.98	3.9	0.5	3	1.7	58	0.1	0.2	0.05	46	0.73	0.071	9
1439109	6.7	45	0.3	25.4	15.4	758	1.45	2.4	1.2	2.1	0.1	78	0.4	0.3	0.05	27	0.92	0.106	16
1439110	5.8	38	0.05	33	14.1	207	2.58	2.7	0.5	1.3	3.3	66	0.05	0.1	0.05	55	0.84	0.069	7
1439111	5.7	40	0.05	33.8	11.7	174	2.14	3.9	0.5	1.9	2.4	54	0.05	0.2	0.05	50	0.55	0.079	9
1439112	7.5	46	0.05	29.8	11.1	237	2.16	5.6	0.8	2.5	3.4	37	0.05	0.3	0.1	46	0.36	0.047	12
1439113	8.1	48	0.3	26	8.5	332	1.47	2.4	0.7	1.2	0.4	46	0.4	0.2	0.1	31	0.39	0.072	8
1439114	8.7	49	0.05	30.2	12.4	316	2.19	5.9	0.9	6	2.8	66	0.05	0.4	0.2	47	0.57	0.06	12
1439115	8.7	45	0.4	27	10	382	1.46	2.4	1.1	1.1	0.1	72	0.5	0.3	0.1	26	0.6	0.091	11
1439116	7.7	48	0.1	35.7	14	335	2.26	6.5	1.1	9.2	2.1	71	0.2	0.4	0.2	49	0.55	0.065	13
1439117	9.7	53	0.5	22	14.7	566	1.69	3.1	1	1.8	0.4	73	0.6	0.2	0.1	35	0.58	0.092	10
1439118	8.1	36	0.4	16.2	7.6	173	1.45	2.8	0.9	18.2	0.1	69	0.4	0.2	0.2	30	0.61	0.08	8
1439119	8.2	71	0.05	21.2	10.2	687	1.88	4.5	0.5	1.5	0.6	50	0.2	0.2	0.1	43	0.5	0.084	8
1439120	7.5	47	0.05	21.4	10.2	202	2.2	5.6	0.5	2.8	1.7	37	0.1	0.3	0.1	49	0.31	0.054	9
1439121	7.8	44	0.05	26.3	11.6	170	2.32	6.1	0.5	2.9	2.5	34	0.05	0.2	0.1	52	0.27	0.047	9
1439122	6.8	41	0.05	26.8	11.8	180	2.21	4.8	0.5	4.3	2.4	54	0.05	0.2	0.05	53	0.39	0.072	9
1439123	7.5	43	0.2	20.1	6.8	127	1.5	3.4	0.7	1.1	0.2	43	0.4	0.2	0.2	32	0.26	0.083	7
1439124	7	49	0.05	20.2	12.5	250	2.72	5.5	0.6	1.4	3.5	48	0.05	0.3	0.05	65	0.48	0.067	13
1439125	7	47	0.05	19.3	12.6	265	2.79	5.1	0.6	1.8	3.9	49	0.05	0.3	0.05	66	0.49	0.062	13
1439126	6.9	36	0.05	15.6	9.6	158	1.96	5.2	0.4	3.3	2.4	46	0.05	0.2	0.05	47	0.27	0.043	9
1439127	8.7	35	0.5	16.3	11.8	433	1.7	4.3	0.9	1.4	0.1	66	0.3	0.2	0.1	37	0.45	0.098	9
1439128	7.2	41	0.05	21.2	10.5	197	2.17	8.8	0.5	13.8	2.3	53	0.05	0.3	0.2	50	0.38	0.042	10
1439128	7.3	39	0.05	20.6	10.3	191	2.11	8.6	0.5	9.2	2.3	51	0.05	0.3	0.2	49	0.37	0.038	10
1439129	8.6	43	0.5	17.3	10	436	1.52	4.7	0.8	1.9	0.05	77	0.5	0.3	0.2	32	0.67	0.111	10
1439130	8.8	45	0.05	23.9	13.6	268	2.37	9.8	0.5	5.4	2.6	46	0.05	0.4	0.1	52	0.31	0.04	11
1439131	10.2	46	0.4	16.9	11	549	1.5	6	0.6	2.4	0.05	63	1	0.2	0.2	32	0.64	0.089	9
1439132	11.5	37	0.4	20.2	8.8	198	1.93	6.1	0.8	3.4	0.2	52	0.4	0.3	0.2	41	0.38	0.064	10
1439133	8.9	57	0.05	19.8	10.5	536	2.33	7.4	1.9	4.6	5.8	40	0.2	0.7	0.2	45	0.62	0.061	23
1439134	8.2	54	0.05	25.1	11.4	508	2.49	11.5	1.4	6	5.9	54	0.05	0.6	0.2	44	0.81	0.075	18
1439135	12.1	52	0.3	30.5	9.1	349	2.21	7	1.6	7.3	6.8	51	0.2	1.1	0.4	43	0.84	0.058	23
1439136	13.9	75	0.2	10.6	10	557	3.37	5.5	2.6	7.5	30.2	18	0.05	1.4	0.6	37	0.47	0.079	72

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1439105	77	1	258	0.08	0	2.24	0.026	0.04	0.1	0.01	3.6	0.1	0.025	6	0.25	0.1
1439106	64	0.74	410	0.059	1	1.87	0.015	0.09	0.05	0.05	2.2	0.05	0.025	5	0.25	0.1
1439107	50	0.78	279	0.076	0	2.1	0.024	0.06	0.1	0.01	3.4	0.05	0.025	5	0.25	0.1
1439108	51	0.82	276	0.075	0	2.03	0.026	0.06	0.05	0.02	3.4	0.05	0.025	5	0.25	0.1
1439109	35	0.47	412	0.02	3	1.59	0.016	0.07	0.05	0.11	1.3	0.05	0.08	3	0.5	0.1
1439110	60	1.22	413	0.131	0	3.09	0.055	0.24	0.05	0.005	3.6	0.1	0.025	7	0.25	0.1
1439111	54	0.9	337	0.102	2	2.16	0.024	0.14	0.1	0.02	2.4	0.1	0.025	5	0.25	0.1
1439112	51	0.69	290	0.08	0	1.94	0.017	0.04	0.1	0.02	3.3	0.05	0.025	5	0.25	0.1
1439113	40	0.5	328	0.048	3	1.45	0.011	0.07	0.2	0.07	1.8	0.05	0.025	4	0.25	0.1
1439114	50	0.74	360	0.068	1	2.05	0.02	0.05	0.2	0.03	3.6	0.05	0.025	5	0.25	0.1
1439115	41	0.45	344	0.025	2	1.38	0.011	0.07	0.05	0.07	1.2	0.05	0.05	4	0.5	0.1
1439116	53	0.76	350	0.062	2	2.18	0.016	0.07	0.1	0.04	4.1	0.05	0.025	5	0.25	0.1
1439117	30	0.41	312	0.041	1	2	0.014	0.07	0.1	0.07	2.3	0.05	0.025	5	0.25	0.1
1439118	24	0.39	225	0.024	2	1.7	0.013	0.09	0.1	0.09	1.1	0.05	0.025	4	0.25	0.1
1439119	35	0.6	279	0.055	2	2.16	0.013	0.07	0.1	0.02	2.1	0.05	0.025	6	0.25	0.1
1439120	40	0.76	230	0.081	0	2.1	0.013	0.11	0.1	0.04	2.8	0.1	0.025	6	0.25	0.1
1439121	46	0.79	219	0.085	1	2.29	0.014	0.06	0.1	0.02	2.6	0.05	0.025	6	0.25	0.1
1439122	46	0.84	281	0.099	0	2.34	0.023	0.11	0.1	0.005	2.7	0.1	0.025	6	0.25	0.1
1439123	33	0.41	252	0.05	0	1.66	0.01	0.08	0.05	0.08	1.4	0.05	0.025	5	0.25	0.1
1439124	46	0.98	311	0.118	0	2.45	0.02	0.24	0.1	0.02	3.2	0.1	0.025	7	0.25	0.1
1439125	43	1.01	326	0.115	0	2.42	0.02	0.28	0.05	0.01	3.2	0.2	0.025	6	0.25	0.1
1439126	30	0.64	242	0.061	0	2.27	0.017	0.03	0.05	0.01	2.4	0.05	0.025	5	0.25	0.1
1439127	24	0.33	264	0.031	2	1.94	0.009	0.07	0.1	0.1	1.7	0.05	0.05	6	0.25	0.1
1439128	35	0.65	196	0.046	1	2.12	0.015	0.04	0.1	0.02	3.4	0.05	0.025	5	0.25	0.1
1439128	35	0.63	196	0.044	0	2.07	0.014	0.03	0.1	0.02	3.3	0.05	0.025	5	0.25	0.1
1439129	22	0.32	284	0.024	2	1.55	0.011	0.07	0.1	0.1	1.4	0.05	0.06	4	0.25	0.1
1439130	34	0.59	290	0.054	0	2.55	0.017	0.04	0.1	0.02	2.9	0.05	0.025	6	0.25	0.1
1439131	21	0.23	268	0.015	1	1.76	0.01	0.07	0.05	0.08	0.8	0.05	0.05	5	0.25	0.1
1439132	29	0.39	261	0.026	1	1.95	0.009	0.05	0.1	0.06	1.7	0.05	0.025	6	0.25	0.1
1439133	32	0.56	317	0.059	1	1.42	0.019	0.08	0.2	0.04	3.8	0.1	0.025	4	0.25	0.1
1439134	50	0.7	279	0.055	1	1.54	0.022	0.11	0.2	0.03	3.9	0.1	0.025	5	0.25	0.1
1439135	50	0.63	306	0.048	2	1.67	0.016	0.11	0.2	0.06	4.3	0.1	0.025	5	0.25	0.1
1439136	32	0.88	142	0.078	0	2.06	0.007	0.66	0.1	0.02	4.9	0.8	0.025	11	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1439137	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612850	7037629	-138.7368879	63.44916054		757
1439138	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612822	7037630	-138.7374482	63.44917838		768
1439139	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612797	7037629	-138.7379498	63.44917734		767
1439140	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612774	7037628	-138.7384113	63.44917566		770
1439141	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612750	7037629	-138.7388914	63.44919223		770
1439142	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612722	7037625	-138.7394553	63.44916522		774
1439143	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612698	7037630	-138.7399326	63.44921766		780
1439143	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612698	7037630	-138.7399326	63.44921766		780
1439144	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612675	7037634	-138.7403906	63.44926081		786
1439145	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612647	7037629	-138.7409551	63.44922484		788
1439146	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612624	7037631	-138.7414145	63.44925005		791
1439147	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612598	7037628	-138.7419375	63.44923137		799
1439148	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612574	7037629	-138.7424177	63.44924793		801
1439149	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612549	7037626	-138.7429207	63.44922893		805
1439150	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612549	7037626	-138.7429207	63.44922893	1439149	805
1439151	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612523	7037631	-138.7434381	63.44928199		811
1439152	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612499	7037627	-138.7439218	63.4492537		817
1439153	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612473	7037629	-138.7444413	63.44927986		826
1439154	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612447	7037625	-138.744965	63.4492522		830
1439155	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612423	7037628	-138.7454438	63.44928668		837
1439156	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612398	7037627	-138.7459454	63.44928561		841
1439157	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612373	7037629	-138.7464448	63.44931144		843
1439158	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612347	7037630	-138.7469651	63.44932861		853
1439159	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612323	7037628	-138.7474473	63.44931825		859
1439160	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612299	7037628	-138.7479282	63.44932582		841
1439161	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612272	7037627	-138.7484698	63.44932537		847
1439162	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612248	7037632	-138.7489472	63.44937778		843
1439163	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612221	7037625	-138.7494931	63.44932352		840
1439164	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612199	7037625	-138.7499339	63.44933045		834
1439164	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612199	7037625	-138.7499339	63.44933045		834
1439165	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612173	7037626	-138.7504541	63.44934762		827
1439166	BHC	Simon Cash SC03	10/19/2016 0:00	07N	612147	7037628	-138.7509736	63.44937374		822
1439167	BHC	Simon Cash SC03	10/20/2016 0:00	07N	610844	7038326	-138.7765948	63.45604151		787

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1439137	Auger	50	B	Pronounced Slope	Reddish Yellow	Birch Forest	Thin Moss Cover	Dry	Good	Sand
1439138	Auger	70	C	Subtle Slope	Reddish Orange	White Spruce	Sphagnum Moss >	Dry	Good	Sand
1439139	Auger	60	B	Subtle Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Sand
1439140	Auger	50	B	Subtle Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Dry	Excellent	Sand
1439141	Auger	60	B	Subtle Slope	Dark Grey Black	Willows	Thin Moss Cover	Damp	Good	Clay
1439142	Auger	70	B	Subtle Slope	Chocolate Brown	White Spruce	Sphagnum Moss >	Damp	Good	Clay
1439143	Auger	60	C	Pronounced Slope	Reddish Orange	Dwarf Birch	Thin Moss Cover	Damp	Good	Sand
1439143	Auger	60	C	Pronounced Slope	Reddish Orange	Dwarf Birch	Thin Moss Cover	Damp	Good	Sand
1439144	Auger	50	B	Subtle Slope	Dark Grey Black	Old Burn	Sphagnum Moss <	Damp	Good	Clay
1439145	Auger	70	B	Subtle Slope	Grey	Old Burn	Leaf Cover	Damp	Good	Clay
1439146	Auger	60	B	Subtle Slope	Dark Grey Black	Old Burn	Burnt Moss	Damp	Good	Clay
1439147	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Sphagnum Moss >	Damp	Good	Clay
1439148	Auger	50	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Clay
1439149	Auger	40	B	Pronounced Slope	Light Brown	Poplar	Thin Moss Cover	Dry	Good	Sand
1439150	Auger	40	B	Pronounced Slope	Light Brown	Poplar	Thin Moss Cover	Dry	Good	Sand
1439151	Auger	50	B	Pronounced Slope	Chocolate Brown	Poplar	Reindeer Moss	Dry	Good	Sand
1439152	Auger	30	B	Pronounced Slope	Chocolate Brown	Poplar	Burnt Moss	Dry	Good	Sand
1439153	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Sand
1439154	Auger	30	B	Pronounced Slope	Chocolate Brown	Poplar	Burnt Moss	Dry	Excellent	Sand
1439155	Auger	30	B	Pronounced Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Sand
1439156	Auger	30	B	Steep	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Sand
1439157	Auger	30	B	Steep	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Sand
1439158	Auger	20	B	Steep	Chocolate Brown	Old Burn	Leaf Cover	Dry	Good	Sand
1439159	Auger	10	B	Steep	Chocolate Brown	Old Burn	Leaf Cover	Damp	Poor	Sand
1439160	Auger	40	B	Steep	Reddish Orange	Old Burn	Leaf Cover	Damp	Excellent	Clay
1439161	Auger	60	C	Steep	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1439162	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Clay
1439163	Auger	10	B	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Clay
1439164	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Clay
1439164	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Clay
1439165	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Clay
1439166	Auger	70	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1439167	Auger	40	B	Pronounced Slope	Dark Grey Black	White Spruce	Sphagnum Moss >	Damp	Poor	Clay

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1439137	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.8	31.5
1439138	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.1	16.9
1439139	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	24.3
1439140	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	30.7
1439141				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.8	31.8
1439142	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	33.5
1439143	Fine	Clay		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.8	31.8
1439143	Fine	Clay		REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.8	32.2
1439144	Partially Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	35.1
1439145				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	39.6
1439146				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.4	34.1
1439147				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	46
1439148				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	43.4
1439149	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	41.8
1439150	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	40.2
1439151	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.4	45.2
1439152				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	37
1439153			Wood chips in sarr	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	31.4
1439154	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	40.2
1439155				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.8	40
1439156	Rocky Sample	Fine		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.8	34.5
1439157	Partially Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.1	34.9
1439158	Outcrop Nearby	Rocky Terrain		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.7	25.2
1439159	Organic 10%	Rocky Terrain	#NAME?	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	28.6
1439160				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.7	41.6
1439161	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	38.1
1439162				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.7	39.4
1439163	Organic 10%	Partially Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	34.6
1439164				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	46.5
1439164				REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	48.3
1439165				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.9	48.4
1439166	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	41.2
1439167	Organic 10%			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.7	25.5

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1439137	11.9	51	1.1	23.4	9.7	277	2.58	9.7	1.3	29.2	12	23	0.05	0.9	0.6	48	0.32	0.041	54
1439138	16.4	46	0.2	15.1	7.5	193	2.35	7	1.2	10.5	11	21	0.05	0.9	1.5	41	0.29	0.029	13
1439139	10	43	0.1	22.1	9.3	326	2.27	7.9	1	13	6.9	33	0.05	0.7	0.4	44	0.5	0.049	17
1439140	12.3	49	0.2	28.5	10.8	381	2.38	7.9	1.1	12.7	5.9	37	0.1	0.6	0.3	49	0.55	0.04	17
1439141	11.5	50	0.05	30.8	11.5	397	2.59	8.7	1.3	4.8	6	42	0.05	0.7	0.2	51	0.75	0.043	18
1439142	12.5	57	0.1	35	13	481	2.74	8.8	0.9	2.7	3.8	46	0.3	0.7	0.2	54	1.02	0.047	16
1439143	14.6	89	0.05	28.9	15.3	645	3.97	6.6	1.4	4.2	13.4	52	0.2	0.7	0.05	62	1.01	0.099	47
1439143	14.3	93	0.05	29.8	15.6	662	4.1	6.9	1.4	4.2	13.3	54	0.2	0.8	0.05	64	1.05	0.104	49
1439144	10.5	58	0.05	34.1	12.4	419	2.55	8.1	0.9	5.2	4.1	49	0.2	0.8	0.1	46	1.54	0.054	18
1439145	10.8	56	0.1	42.2	13.9	450	2.42	9.1	0.7	15.2	3.3	51	0.3	0.8	0.2	47	1.84	0.047	13
1439146	7.8	44	0.1	35.6	10.5	293	2	6.2	1	11.4	1.7	65	0.2	0.6	0.2	39	2.2	0.048	10
1439147	11	59	0.1	43.9	14	384	2.75	11.3	0.5	11.5	4.3	37	0.2	0.7	0.2	53	0.89	0.042	15
1439148	11.2	59	0.2	41.8	13.1	359	2.65	10.4	0.5	7.4	4.4	49	0.2	0.8	0.2	52	1.35	0.048	16
1439149	10.6	53	0.05	37.5	13.9	258	2.79	8.3	0.5	9.8	4.5	36	0.05	0.6	0.2	58	0.67	0.045	15
1439150	10.6	54	0.05	37.3	13.4	249	2.77	8.4	0.5	6.7	4.3	36	0.05	0.6	0.2	58	0.67	0.042	16
1439151	9.4	49	0.05	55.6	19.7	364	2.97	8.9	0.5	15.2	5.5	54	0.05	0.4	0.2	63	0.86	0.036	18
1439152	11.2	58	0.05	47.2	16	386	3	10	0.5	6.8	4.4	35	0.05	0.6	0.2	61	1.01	0.019	16
1439153	9.3	45	0.1	43.6	12.4	346	2.44	9.9	0.6	4.2	2.3	83	0.1	0.5	0.2	51	5.27	0.048	12
1439154	8.5	39	0.05	50.7	16.7	258	2.65	9.3	0.7	6	3.3	55	0.05	0.5	0.1	59	2.04	0.021	12
1439155	7.8	38	0.3	42.5	14.1	333	2.05	9	1	5.7	1.7	157	0.2	0.5	0.1	53	7.91	0.076	13
1439156	9.7	41	0.1	56.9	17.4	142	2.34	5.8	0.3	1.4	2	109	0.05	0.2	0.1	52	0.31	0.031	6
1439157	9.5	49	0.05	53.8	14	293	2.63	12.7	0.6	1.1	4.1	41	0.05	0.6	0.2	56	0.55	0.02	12
1439158	7.8	42	0.05	78.6	21	448	2.68	5.4	0.3	1.1	2.8	38	0.05	0.4	0.2	52	0.58	0.037	9
1439159	6.5	57	0.05	144.3	40.6	976	3.22	3.1	0.2	0.25	1.6	44	0.1	0.2	0.1	44	0.59	0.044	5
1439160	7.6	35	0.05	76.8	16.5	178	2.68	8.2	0.7	1.9	3.4	28	0.05	0.4	0.1	52	0.31	0.017	10
1439161	6.3	29	0.05	59.6	11	133	1.89	5.2	0.4	6.1	2.5	74	0.05	0.3	0.05	39	0.49	0.027	8
1439162	8.9	39	0.05	48.1	14.9	258	2.5	7.9	0.6	3.6	3.3	41	0.05	0.6	0.2	58	0.41	0.024	14
1439163	7.8	27	0.1	34.3	10.3	194	1.74	5.5	0.4	2.4	0.9	56	0.2	0.3	0.1	38	0.5	0.046	10
1439164	10.2	56	0.05	50.8	14.4	404	2.77	11.5	0.7	11.4	4.1	45	0.05	0.8	0.2	58	0.6	0.042	16
1439164	10.1	55	0.05	52.5	14.5	414	2.76	11.5	0.7	9.2	4.2	44	0.1	0.8	0.2	58	0.59	0.043	16
1439165	10.8	67	0.1	47.8	15.1	414	2.67	11.1	0.6	6.8	4	47	0.2	0.8	0.2	52	1.16	0.054	14
1439166	8.6	49	0.2	44	13.1	593	2.27	7.2	0.7	4.2	2.8	50	0.3	0.7	0.2	46	0.96	0.038	14
1439167	7.4	41	0.1	29.1	13.5	471	1.9	9.4	0.9	2.4	1.6	55	0.3	0.4	0.05	40	0.7	0.06	10

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1439137	34	0.54	300	0.052	0	1.63	0.011	0.08	0.2	0.04	5.5	0.1	0.025	5	0.25	0.1
1439138	30	0.51	199	0.048	0	1.65	0.009	0.16	0.1	0.02	3.5	0.2	0.025	6	0.25	0.5
1439139	34	0.51	270	0.055	0	1.54	0.015	0.07	0.2	0.03	4	0.05	0.025	5	0.25	0.1
1439140	39	0.54	325	0.063	0	1.75	0.018	0.07	0.2	0.03	4.4	0.05	0.025	5	0.25	0.1
1439141	42	0.61	312	0.065	1	1.8	0.022	0.08	0.2	0.04	4.8	0.05	0.025	5	0.25	0.1
1439142	45	0.68	369	0.061	2	1.94	0.023	0.07	0.2	0.04	4.9	0.05	0.025	5	0.25	0.1
1439143	64	0.99	378	0.084	0	2.48	0.021	0.36	0.1	0.03	8.9	0.2	0.025	10	0.25	0.1
1439143	68	1.03	392	0.091	0	2.59	0.022	0.37	0.05	0.02	8.9	0.2	0.025	10	0.25	0.1
1439144	41	0.72	367	0.065	2	1.73	0.022	0.17	0.1	0.04	4.4	0.1	0.025	5	0.25	0.1
1439145	45	0.84	340	0.056	2	1.72	0.024	0.07	0.2	0.05	4.3	0.05	0.025	5	0.25	0.1
1439146	40	0.73	363	0.044	2	1.56	0.023	0.05	0.1	0.04	3.2	0.05	0.05	4	0.25	0.1
1439147	49	0.87	382	0.059	1	1.81	0.026	0.06	0.2	0.05	4.8	0.05	0.025	5	0.25	0.1
1439148	48	0.81	425	0.063	1	1.68	0.029	0.06	0.2	0.04	4.8	0.05	0.025	5	0.25	0.1
1439149	57	0.8	371	0.082	0	2.14	0.028	0.07	0.2	0.03	5	0.1	0.025	6	0.25	0.1
1439150	58	0.8	378	0.081	1	2.17	0.026	0.07	0.2	0.03	5	0.05	0.025	6	0.25	0.1
1439151	76	1.2	466	0.093	1	2.38	0.042	0.08	0.1	0.03	5.7	0.05	0.025	7	0.25	0.1
1439152	49	0.97	372	0.052	1	2.25	0.024	0.05	0.2	0.04	5.8	0.05	0.025	5	0.25	0.1
1439153	46	1.03	324	0.045	2	1.81	0.023	0.07	0.2	0.04	4	0.05	0.025	5	0.25	0.1
1439154	60	1.19	313	0.053	0	2.56	0.029	0.05	0.2	0.02	5.5	0.05	0.025	6	0.25	0.1
1439155	39	0.95	410	0.042	3	1.86	0.043	0.06	0.2	0.05	3.1	0.05	0.025	4	0.6	0.1
1439156	71	0.66	347	0.054	0	3.13	0.017	0.05	0.1	0.01	2.6	0.05	0.025	6	0.25	0.1
1439157	50	0.55	390	0.041	0	2.52	0.023	0.06	0.1	0.03	5.5	0.05	0.025	5	0.25	0.1
1439158	53	0.63	350	0.043	1	2.07	0.014	0.06	0.1	0.01	3.8	0.05	0.025	5	0.25	0.1
1439159	69	0.74	379	0.042	1	2.29	0.018	0.06	0.1	0.02	3.7	0.05	0.025	5	0.25	0.1
1439160	79	0.78	299	0.051	0	2.5	0.023	0.04	0.1	0.02	5.5	0.05	0.025	5	0.25	0.1
1439161	92	0.71	315	0.044	0	2.12	0.036	0.03	0.05	0.01	4.3	0.05	0.025	4	0.25	0.1
1439162	70	0.62	307	0.048	0	2.34	0.022	0.04	0.2	0.04	4.8	0.05	0.025	5	0.25	0.1
1439163	40	0.39	373	0.032	1	1.75	0.019	0.05	0.2	0.05	2.4	0.05	0.025	4	0.25	0.1
1439164	61	0.67	386	0.056	0	2.06	0.024	0.05	0.2	0.05	5.3	0.05	0.025	5	0.25	0.1
1439164	63	0.67	381	0.062	0	2.12	0.024	0.05	0.3	0.05	5.5	0.05	0.025	5	0.25	0.1
1439165	50	0.72	328	0.061	2	1.73	0.027	0.07	1	0.04	4.4	0.1	0.025	5	0.25	0.1
1439166	42	0.6	406	0.043	1	1.75	0.022	0.04	0.8	0.04	3.9	0.05	0.025	4	0.25	0.1
1439167	35	0.47	270	0.036	2	1.74	0.021	0.03	0.2	0.04	3.1	0.05	0.025	4	0.25	0.1



sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1439168	BHC	Simon Cash SC03	10/20/2016 0:00	07N	610869	7038328	-138.7760924	63.45605165		794
1439169	BHC	Simon Cash SC03	10/20/2016 0:00	07N	610894	7038327	-138.7755921	63.4560349		801
1439170	BHC	Simon Cash SC03	10/20/2016 0:00	07N	610919	7038327	-138.7750911	63.4560271		809
1439171	BHC	Simon Cash SC03	10/20/2016 0:00	07N	610944	7038330	-138.774588	63.45604621		819
1439172	BHC	Simon Cash SC03	10/20/2016 0:00	07N	610970	7038330	-138.7740669	63.45603811		826
1439173	BHC	Simon Cash SC03	10/20/2016 0:00	07N	610994	7038330	-138.773586	63.45603062		833
1439174	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611019	7038328	-138.7730863	63.45600489		840
1439175	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611019	7038328	-138.7730863	63.45600489	1439174	840
1439176	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611042	7038331	-138.7726233	63.45602462		845
1439177	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611070	7038325	-138.7720663	63.45596207		854
1439178	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611094	7038326	-138.7715847	63.45596355		856
1439179	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611121	7038318	-138.7710492	63.45588337		864
1439180	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611143	7038330	-138.7705999	63.45598412		873
1439181	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611171	7038329	-138.7700395	63.4559664		877
1439182	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611194	7038330	-138.7695778	63.45596819		885
1439183	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611220	7038330	-138.7690568	63.45596006		893
1439184	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611247	7038327	-138.7685178	63.45592472		901
1439185	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611270	7038329	-138.7680554	63.45593546		904
1439186	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611295	7038331	-138.767553	63.45594558		912
1439187	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611320	7038331	-138.767052	63.45593776		918
1439188	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611344	7038328	-138.7665731	63.45590335		924
1439189	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611370	7038329	-138.7660514	63.45590418		933
1439190	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611395	7038329	-138.7655504	63.45589636		938
1439191	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611420	7038327	-138.7650508	63.45587059		943
1439192	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611446	7038323	-138.7645325	63.45582658		947
1439193	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611467	7038326	-138.7641096	63.45584691		948
1439194	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611496	7038325	-138.7635291	63.45582886		957
1439195	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611522	7038330	-138.7630045	63.45586555		964
1439196	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611546	7038325	-138.7625271	63.45581319		968
1439197	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611572	7038325	-138.762006	63.45580504		972
1439198	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611596	7038329	-138.7615222	63.45583338		979
1439199	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611622	7038330	-138.7610005	63.4558342		983
1439200	BHC	Simon Cash SC03	10/20/2016 0:00	07N	611622	7038330	-138.7610005	63.4558342	1439199	983

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1439168	Auger	80	B	Pronounced Slope	Dark Grey Black	Birch Forest	Sphagnum Moss > Damp		Good	Clay
1439169	Auger	90	B	Pronounced Slope	Dark Grey Black	White Spruce	Sphagnum Moss > Damp		Good	Clay
1439170	Auger	100	B	Pronounced Slope	Dark Grey Black	Old Burn	Grass Cover Damp		Good	Clay
1439171	Auger	110	B	Pronounced Slope	Dark Grey Black	White Spruce	Sphagnum Moss < Damp		Good	Silt
1439172	Auger	90	B	Pronounced Slope	Dark Blue Black	White Spruce	Grass Cover Damp		Good	Clay
1439173	Auger	60	B	Pronounced Slope	Chocolate Brown	Birch Forest	Grass Cover Damp		Good	Clay
1439174	Auger	50	B	Pronounced Slope	Dark Grey Black	Dwarf Birch	Sphagnum Moss < Damp		Good	Clay
1439175	Auger	50	B	Pronounced Slope	Dark Grey Black	Dwarf Birch	Sphagnum Moss < Damp		Good	Clay
1439176	Auger	40	B	Pronounced Slope	Chocolate Brown	White Spruce	Grass Cover Damp		Good	Sand
1439177	Auger	40	B	Pronounced Slope	Chocolate Brown	White Spruce	Grass Cover Damp		Good	Clay
1439178	Auger	50	B	Pronounced Slope	Dark Grey Black	Dwarf Birch	Sphagnum Moss > Damp		Good	Clay
1439179	Auger	40	B	Pronounced Slope	Chocolate Brown	White Spruce	Grass Cover Damp		Good	Clay
1439180	Auger	40	B	Pronounced Slope	Dark Grey Black	Dwarf Birch	Grass Cover Damp		Good	Clay
1439181	Auger	60	B	Pronounced Slope	Chocolate Brown	White Spruce	Leaf Cover Damp		Good	Clay
1439182	Auger	30	B	Pronounced Slope	Dark Grey Black	Old Burn	Grass Cover Damp		Good	Clay
1439183	Auger	30	B	Pronounced Slope	Dark Grey Black	White Spruce	Sphagnum Moss > Damp		Good	Clay
1439184	Auger	40	B	Pronounced Slope	Dark Grey Black	Old Burn	Grass Cover Damp		Good	Clay
1439185	Auger	50	B	Pronounced Slope	Dark Grey Black	White Spruce	Sphagnum Moss > Damp		Good	Sand
1439186	Auger	80	B	Pronounced Slope	Dark Grey Black	White Spruce	Sphagnum Moss < Damp		Good	Clay
1439187	Auger	80	B	Pronounced Slope	Chocolate Brown	White Spruce	Sphagnum Moss > Wet		Good	Clay
1439188	Auger	60	B	Pronounced Slope	Chocolate Brown	Old Burn	Sphagnum Moss > Damp		Good	Clay
1439189	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover Damp		Good	Clay
1439190	Auger	5	B	Pronounced Slope	Dark Grey Black	Old Burn	Grass Cover Damp		Poor	Sand
1439191	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover Damp		Good	Sand
1439192	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover Damp		Good	Sand
1439193	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Reindeer Moss Damp		Good	Sand
1439194	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover Damp		Good	Clay
1439195	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss Damp		Good	Sand
1439196	Auger	5	A	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss Damp		Good	Sand
1439197	Auger	20	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover Damp		Excellent	Sand
1439198	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss Damp		Excellent	Sand
1439199	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss Damp		Excellent	Sand
1439200	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss Damp		Excellent	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1439168	Mud			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	25.2
1439169	Mud			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	25.5
1439170				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.8	28.4
1439171	Mud			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	28.7
1439172				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	32
1439173				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	28
1439174				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.7	25
1439175				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.7	24.7
1439176				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	22.8
1439177				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	21.7
1439178	Organic 10%			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	25.9
1439179				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	24.5
1439180				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	24.9
1439181				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	24.7
1439182				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	23.2
1439183				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	26.4
1439184				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	25.6
1439185	Mud			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	27.8
1439186				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	28.6
1439187	Mud			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	27.4
1439188				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	34.1
1439189				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	26.3
1439190	Rocky Terrain	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	31.1
1439191	Clay	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	34.4
1439192	Fine			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	27.8
1439193	Partially Frozen	Clay		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	21.3
1439194				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	21.3
1439195	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	16
1439196	Frozen	Organic 25%		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	14.8
1439197				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	20.8
1439198	Clay			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	15.3
1439199				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	19.4
1439200				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	20.7

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1439168	6.5	41	0.1	27.5	11.1	428	1.87	7.6	0.9	6.1	1.9	51	0.2	0.4	0.05	38	0.62	0.061	11
1439169	6.9	46	0.1	25.2	10.6	419	2.1	9.5	1	5.2	1.8	56	0.2	0.5	0.1	40	0.7	0.062	11
1439170	8.7	50	0.1	30.9	14.4	627	2.34	12	1	3.7	2.5	50	0.3	0.6	0.2	44	0.66	0.054	11
1439171	8.6	46	0.1	27.5	10.7	281	1.99	8.8	1	5.9	2.3	54	0.2	0.5	0.1	42	0.62	0.06	12
1439172	9	46	0.1	31.9	13.4	369	2.32	12.5	1.2	1.3	2.8	52	0.2	0.5	0.1	49	0.6	0.057	12
1439173	8.1	44	0.1	27	12.3	438	2.01	9.8	1.4	1.7	1.7	61	0.3	0.5	0.1	44	0.62	0.075	12
1439174	7.3	44	0.1	22	11.1	385	1.87	9.1	1.1	12.5	1.3	68	0.2	0.4	0.2	39	0.67	0.064	10
1439175	7.9	46	0.1	25.4	11.8	352	2.03	9.8	1.2	1.8	1.5	64	0.2	0.4	0.1	44	0.66	0.065	11
1439176	6.7	41	0.05	21.7	10.3	286	1.79	9.5	0.9	2.3	2.1	55	0.1	0.5	0.1	37	0.55	0.063	10
1439177	8	42	0.1	20.4	13.4	570	1.9	8.9	1	2.4	1.4	67	0.3	0.7	0.1	41	0.65	0.07	10
1439178	8.1	47	0.1	23.7	11.3	397	2.06	9.3	1.1	2.7	1.7	60	0.2	0.5	0.1	44	0.6	0.066	10
1439179	7.7	39	0.05	23.3	12.2	318	2.02	11.4	1.1	2.9	2.1	59	0.1	0.4	0.05	44	0.57	0.072	11
1439180	8	43	0.1	23.9	10.7	330	1.98	9.1	1.2	2.7	1.8	57	0.1	0.3	0.1	42	0.58	0.067	11
1439181	8.3	42	0.1	22.5	10	303	1.98	9.2	1.1	2.7	1.9	60	0.1	0.3	0.1	43	0.56	0.058	11
1439182	7.9	38	0.1	22	10.3	309	2.06	9.4	1.1	2	2	54	0.2	0.4	0.1	43	0.51	0.059	12
1439183	8.5	43	0.1	24.2	13.5	423	2.23	10.7	1.4	2.6	2	61	0.1	0.4	0.1	45	0.56	0.07	12
1439184	7.8	37	0.1	22.9	13.2	406	2.08	9.9	1.2	1.8	1.8	60	0.05	0.3	0.1	45	0.57	0.064	11
1439185	9.7	41	0.1	24.9	12.1	306	2.16	12.8	1.3	2.2	2.7	63	0.1	0.5	0.1	46	0.56	0.059	12
1439186	8.6	39	0.1	24.4	12.8	297	2.13	12	1.3	2.1	2	68	0.1	0.5	0.05	45	0.67	0.074	12
1439187	9	39	0.1	22.5	12.2	272	2.16	14.7	1.2	2.6	2.5	60	0.1	0.5	0.1	48	0.62	0.068	10
1439188	10.7	41	0.1	24.1	13.4	286	2.3	13.6	1.4	2.5	2.7	63	0.05	0.7	0.1	52	0.58	0.067	11
1439189	8.2	38	0.05	20.3	13	222	2.18	11.4	0.8	2.2	2.5	43	0.05	0.4	0.1	52	0.41	0.063	9
1439190	6.7	36	0.4	21	15.6	428	2.03	10.1	0.9	5.6	0.5	97	0.3	0.4	0.05	46	0.84	0.087	8
1439191	5.6	30	0.05	22.1	16.9	275	2.14	10.7	0.6	2.3	1.6	78	0.05	0.3	0.05	56	0.58	0.067	8
1439192	5.5	26	0.05	18.7	13.2	130	1.83	7.6	0.4	2	1.6	54	0.05	0.3	0.05	47	0.42	0.057	6
1439193	6.5	31	0.05	18.6	11.1	254	2.01	8.6	0.5	5.8	1.9	43	0.05	0.4	0.05	51	0.33	0.054	8
1439194	5.4	27	0.05	15	10.6	242	1.71	7.5	0.5	4.5	1.7	45	0.05	0.3	0.05	47	0.38	0.069	7
1439195	6.1	21	0.1	12.9	6.8	122	1.48	6.1	0.4	1.1	0.2	28	0.05	0.2	0.05	38	0.23	0.061	5
1439196	6.4	25	0.2	12.4	6.4	148	1.73	7.4	0.3	0.25	0.4	32	0.05	0.3	0.05	48	0.26	0.05	7
1439197	6.5	29	0.1	15.2	11.9	321	2.19	9.7	0.4	0.8	1.1	55	0.1	0.2	0.05	57	0.39	0.091	8
1439198	7.6	34	0.1	14.6	7.7	166	2.15	10.4	0.4	2.3	2.1	42	0.05	0.4	0.1	55	0.39	0.055	10
1439199	8.1	37	0.1	22.6	11.8	327	2.25	13.1	0.5	8.4	2.6	45	0.05	0.4	0.1	57	0.4	0.029	10
1439200	8.2	38	0.1	23.2	11.2	242	2.2	12.6	0.5	5.3	2.8	50	0.05	0.3	0.1	56	0.38	0.023	10

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1439168	35	0.46	287	0.042	1	1.74	0.019	0.04	0.2	0.04	3.2	0.05	0.025	4	0.25	0.1
1439169	34	0.5	338	0.036	1	1.74	0.015	0.03	0.2	0.04	3.3	0.05	0.025	4	0.5	0.1
1439170	35	0.49	338	0.038	1	1.71	0.018	0.03	0.2	0.03	3.7	0.05	0.025	4	0.25	0.1
1439171	35	0.49	362	0.04	1	1.76	0.021	0.03	0.2	0.03	3.6	0.05	0.025	5	0.25	0.1
1439172	42	0.54	346	0.047	2	2.07	0.022	0.04	0.2	0.04	3.9	0.05	0.025	5	0.25	0.1
1439173	36	0.47	349	0.039	1	1.86	0.019	0.03	0.3	0.06	4.2	0.05	0.025	5	0.6	0.1
1439174	30	0.46	358	0.029	1	1.7	0.015	0.03	0.2	0.05	3.2	0.05	0.025	5	0.25	0.1
1439175	34	0.49	327	0.04	0	1.94	0.017	0.03	0.2	0.04	3.9	0.05	0.025	5	0.25	0.1
1439176	32	0.45	329	0.038	1	1.63	0.023	0.03	0.2	0.03	3.1	0.05	0.025	4	0.25	0.1
1439177	30	0.47	345	0.032	1	1.78	0.018	0.03	0.1	0.05	3.2	0.05	0.025	5	0.25	0.1
1439178	35	0.51	355	0.041	1	1.83	0.018	0.04	0.1	0.04	3.7	0.05	0.025	5	0.25	0.1
1439179	30	0.48	296	0.038	0	1.8	0.019	0.03	0.2	0.03	3.5	0.05	0.025	5	0.25	0.1
1439180	33	0.49	345	0.036	1	1.86	0.017	0.03	0.2	0.05	3.2	0.05	0.025	5	0.5	0.1
1439181	32	0.48	360	0.037	1	1.87	0.015	0.03	0.2	0.04	3.5	0.05	0.025	5	0.25	0.1
1439182	31	0.49	343	0.037	1	1.92	0.016	0.03	0.2	0.04	3.5	0.05	0.025	5	0.25	0.1
1439183	32	0.52	356	0.038	1	1.96	0.016	0.03	0.2	0.04	3.8	0.05	0.025	5	0.25	0.1
1439184	32	0.52	325	0.035	1	1.9	0.016	0.03	0.1	0.04	3.4	0.05	0.025	4	0.25	0.1
1439185	35	0.58	332	0.043	1	1.99	0.019	0.03	0.2	0.03	4.3	0.05	0.025	5	0.25	0.1
1439186	30	0.53	314	0.039	0	2.01	0.017	0.03	0.2	0.05	3.8	0.05	0.025	5	0.25	0.1
1439187	33	0.57	312	0.039	0	1.91	0.021	0.03	0.1	0.04	4.3	0.05	0.025	4	0.25	0.1
1439188	34	0.56	324	0.041	1	2.01	0.019	0.03	0.1	0.04	4.9	0.05	0.025	5	0.25	0.1
1439189	31	0.57	291	0.041	0	2.04	0.015	0.03	0.1	0.02	3.4	0.05	0.025	5	0.25	0.1
1439190	30	0.54	344	0.031	0	2.38	0.011	0.05	0.1	0.08	3.8	0.05	0.025	5	0.6	0.1
1439191	31	0.65	268	0.037	0	2.24	0.016	0.02	0.05	0.02	3.8	0.05	0.025	5	0.25	0.1
1439192	29	0.62	205	0.036	0	2.01	0.013	0.02	0.05	0.01	3.1	0.05	0.025	4	0.25	0.1
1439193	29	0.53	240	0.038	0	2.15	0.011	0.03	0.1	0.03	3.1	0.05	0.025	5	0.25	0.1
1439194	22	0.53	236	0.036	0	1.78	0.013	0.02	0.05	0.02	3	0.05	0.025	4	0.25	0.1
1439195	20	0.37	173	0.027	0	1.53	0.009	0.03	0.05	0.03	1.6	0.05	0.025	5	0.25	0.1
1439196	20	0.38	187	0.033	0	1.55	0.01	0.03	0.1	0.03	1.8	0.05	0.025	4	0.25	0.1
1439197	22	0.52	282	0.041	0	2.29	0.009	0.03	0.1	0.03	2.6	0.05	0.025	5	0.25	0.1
1439198	24	0.51	209	0.04	0	1.98	0.01	0.03	0.1	0.02	3	0.05	0.025	5	0.25	0.1
1439199	42	0.61	293	0.047	0	2.26	0.017	0.04	0.1	0.02	3.3	0.05	0.025	5	0.25	0.1
1439200	46	0.66	270	0.054	0	2.22	0.021	0.03	0.1	0.02	3.9	0.05	0.025	5	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1439201	BHC	Simon Cash SC03	10/21/2016 0:00	07N	612447	7038832	-138.7441128	63.46007628		868
1439202	BHC	Simon Cash SC03	10/21/2016 0:00	07N	612422	7038828	-138.7446167	63.46004831		875
1439203	BHC	Simon Cash SC03	10/21/2016 0:00	07N	612397	7038829	-138.7451171	63.46006517		867
1439204	BHC	Simon Cash SC03	10/21/2016 0:00	07N	612372	7038834	-138.7456146	63.46011791		877
1439205	BHC	Simon Cash SC03	10/21/2016 0:00	07N	612347	7038826	-138.7461214	63.46005406		883
1439206	BHC	Simon Cash SC03	10/21/2016 0:00	07N	612323	7038826	-138.7466024	63.46006164		891
1439207	BHC	Simon Cash SC03	10/21/2016 0:00	07N	612297	7038832	-138.7471193	63.46012365		894
1439208	BHC	Simon Cash SC03	10/21/2016 0:00	07N	612273	7038830	-138.7476017	63.46011329		897
1439209	BHC	Simon Cash SC03	10/21/2016 0:00	07N	612241	7038816	-138.748253	63.45999784		908
1439210	BHC	Simon Cash SC03	10/21/2016 0:00	07N	612221	7038830	-138.748644	63.46012969		909
1439211	BHC	Simon Cash SC03	10/21/2016 0:00	07N	612196	7038824	-138.7491493	63.46008377		911
1439212	BHC	Simon Cash SC03	10/21/2016 0:00	07N	612169	7038835	-138.7496827	63.46019093		914
1439213	BHC	Simon Cash SC03	10/21/2016 0:00	07N	612145	7038831	-138.7501666	63.46016262		920
1439214	BHC	Simon Cash SC03	10/21/2016 0:00	07N	612122	7038830	-138.7506283	63.46016091		929
1439215	BHC	Simon Cash SC03	10/21/2016 0:00	07N	612097	7038828	-138.7511308	63.46015085		931
1439216	BHC	Simon Cash SC03	10/21/2016 0:00	07N	612070	7038833	-138.7516684	63.46020419		932
1439217	BHC	Simon Cash SC03	10/21/2016 0:00	07N	612047	7038831	-138.7521308	63.4601935		930
1439217	BHC	Simon Cash SC03	10/21/2016 0:00	07N	612047	7038831	-138.7521308	63.4601935		930
1439218	BHC	Simon Cash SC03	10/21/2016 0:00	07N	612021	7038828	-138.752654	63.46017478		931
1439219	BHC	Simon Cash SC03	10/21/2016 0:00	07N	611995	7038832	-138.7531724	63.46021884		937
1439220	BHC	Simon Cash SC03	10/21/2016 0:00	07N	611972	7038829	-138.7536355	63.46019918		944
1439221	BHC	Simon Cash SC03	10/21/2016 0:00	07N	611921	7038828	-138.7546584	63.46020625		950
1439222	BHC	Simon Cash SC03	10/21/2016 0:00	07N	611896	7038832	-138.7551566	63.46024999		948
1439223	BHC	Simon Cash SC03	10/21/2016 0:00	07N	611870	7038829	-138.7556799	63.46023126		949
1439224	BHC	Simon Cash SC03	10/21/2016 0:00	07N	611846	7038831	-138.7561595	63.46025674		952
1439225	BHC	Simon Cash SC03	10/21/2016 0:00	07N	611846	7038831	-138.7561595	63.46025674	1439224	952
1439226	BHC	Simon Cash SC03	10/21/2016 0:00	07N	611820	7038833	-138.7566792	63.46028285		956
1439227	BHC	Simon Cash SC03	10/21/2016 0:00	07N	611794	7038834	-138.7571997	63.46029999		956
1439228	BHC	Simon Cash SC03	10/21/2016 0:00	07N	611771	7038831	-138.7576628	63.46028031		958
1439229	BHC	Simon Cash SC03	10/21/2016 0:00	07N	611746	7038825	-138.7581681	63.46023436		961
1439230	BHC	Simon Cash SC03	10/21/2016 0:00	07N	611720	7038833	-138.7586836	63.46031426		959
1439231	BHC	Simon Cash SC03	10/21/2016 0:00	07N	611694	7038832	-138.7592054	63.46031346		956
1439232	BHC	Simon Cash SC03	10/21/2016 0:00	07N	611671	7038829	-138.7596685	63.46029378		955

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1439201	Auger	90	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Clay
1439202	Auger	20	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Poor	Sand
1439203	Auger	10	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Poor	Sand
1439204	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Clay
1439205	Auger	10	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Sand
1439206	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1439207	Auger	10	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Poor	Sand
1439208	Auger	10	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Poor	Sand
1439209	Auger	50	B	Pronounced Slope	Chocolate Brown	White Spruce	Sphagnum Moss >	Wet	Excellent	Clay
1439210	Auger	50	B	Pronounced Slope	Chocolate Brown	White Spruce	Reindeer Moss	Wet	Excellent	Clay
1439211	Auger	90	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Wet	Good	Clay
1439212	Auger	80	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Damp	Good	Clay
1439213	Auger	60	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Clay
1439214	Auger	10	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Poor	Sand
1439215	Auger	0	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Sand
1439216	Auger	5	B	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Damp	Poor	Clay
1439217	Auger	5	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Clay
1439217	Auger	5	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Clay
1439218	Auger	5	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Sand
1439219	Auger	40	C	Pronounced Slope	Dark Olivine Greer	Old Burn	Burnt Moss	Damp	Good	Clay
1439220	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1439221	Auger	5	A	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Excellent	Sand
1439222	Auger	10	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Poor	Sand
1439223	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Sand
1439224	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Excellent	Sand
1439225	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Excellent	Sand
1439226	Auger	5	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1439227	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Reindeer Moss	Damp	Excellent	Sand
1439228	Auger	30	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1439229	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1439230	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1439231	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Excellent	Clay
1439232	Auger	60	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1439201	Organic 10%	Partially Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	22
1439202	Frozen	Small Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	1.1	28.2
1439203	Frozen		Sample taken from	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	20.3
1439204	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	22.9
1439205	Frozen		Sample taken from	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	17.1
1439206	Fine	Partially Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	18.9
1439207	Frozen		Sample taken from	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	24.8
1439208	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	1.5	29
1439209			15 off course as te	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	32.9
1439210				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	23
1439211	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	31.9
1439212				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	24.1
1439213	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	22.8
1439214	Frozen	Small Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	22.3
1439215			Sample taken from	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	20.8
1439216	Frozen	Frozen	-small sample -50%	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	1.2	26.7
1439217	Frozen	Frozen	Small sample, 30%	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	19.8
1439217	Frozen	Frozen	Small sample, 30% REP		BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	20.1
1439218	Frozen	Organic 25%	-small sample -sar	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	1	29.3
1439219	Coarse	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	22.5
1439220	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	17.3
1439221	Frozen	Organic 50%	Frozen and small s	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.8	22.7
1439222	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	21.9
1439223	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	21.7
1439224	Fine	Clay		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.2	22.8
1439225	Fine	Clay		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.2	26.1
1439226	Frozen	Organic 25%	Small sample	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	21.6
1439227	Rocky Terrain			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.2	32
1439228	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	26.9
1439229	Clay	Fine		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	17.9
1439230	Clay			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	18.5
1439231	Fine	Rocky Terrain		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	23.1
1439232	Clay			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	28.6



sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1439201	6.3	40	0.2	25	8.7	139	1.98	4.1	0.8	0.25	2.4	56	0.05	0.2	0.1	43	0.39	0.051	12
1439202	7.9	46	0.6	16.6	8	433	1.42	2.8	1.3	0.25	0.4	49	0.3	0.2	0.05	27	0.45	0.108	16
1439203	6.9	44	0.1	24.3	10.1	207	2.36	5.9	0.8	1.1	3.5	46	0.1	0.2	0.1	54	0.42	0.066	13
1439204	7.8	44	0.2	24.9	15.7	470	2.25	4.5	1.2	0.6	2.5	55	0.1	0.3	0.1	50	0.53	0.078	17
1439205	5.3	43	0.1	24.8	10.2	270	2.07	3.7	0.7	0.5	2.5	44	0.05	0.2	0.05	48	0.42	0.069	11
1439206	5.8	47	0.2	26.1	10.6	266	2.18	3.8	0.8	0.25	3.3	48	0.05	0.2	0.05	48	0.53	0.068	11
1439207	6.7	112	0.2	21.6	11	991	1.69	3.1	1	0.8	1.6	65	1	0.3	0.05	35	0.73	0.105	13
1439208	17.7	131	0.6	29.1	56.5	4469	1.86	3	1.4	0.25	1.2	84	1.2	0.4	0.1	40	0.83	0.17	18
1439209	6.6	45	0.05	44.6	15.1	253	2.58	4.7	1.1	1.8	3.8	76	0.05	0.2	0.05	53	0.78	0.09	14
1439210	7.8	47	0.05	28.5	10.6	198	2.25	6.3	0.9	6.5	3.3	59	0.05	0.4	0.2	48	0.52	0.065	13
1439211	6.4	44	0.1	34.6	12.9	218	2.26	6	1	7.7	3.4	88	0.05	0.3	0.1	49	0.82	0.09	13
1439212	7.8	55	0.1	26.9	12.3	448	2.45	9.8	1	6.9	3.2	64	0.1	0.4	0.2	51	0.49	0.072	13
1439213	6.8	46	0.05	27.7	11.2	224	2.14	5.9	1	7	2.2	63	0.1	0.3	0.1	47	0.5	0.081	13
1439214	4.8	47	0.05	32.7	11.8	484	1.98	4.1	0.6	2.6	1.7	79	0.2	0.3	0.05	45	0.6	0.072	9
1439215	5.9	43	0.05	29.7	11.5	268	2	4.6	0.7	3.7	0.7	66	0.1	0.3	0.1	44	0.48	0.084	11
1439216	7.2	51	0.4	19.9	21.1	1315	1.5	3.6	1.4	2.8	0.2	96	0.7	0.5	0.1	26	0.81	0.145	15
1439217	6	41	0.2	23.6	10.1	212	1.84	4.7	0.7	3.8	1.5	62	0.05	0.4	0.1	39	0.48	0.076	10
1439217	5.8	42	0.2	23.7	10.1	209	1.84	5.1	0.6	5	1.4	62	0.05	0.4	0.05	39	0.47	0.075	10
1439218	8.2	77	0.7	25.9	16	1277	1.37	4.1	1	1.2	0.2	89	0.8	0.4	0.05	25	0.7	0.158	13
1439219	6.4	40	0.05	27.8	9.9	170	2	5.3	0.7	10.8	2.5	57	0.05	0.3	0.1	45	0.47	0.077	11
1439220	7.2	45	0.05	20.5	9.8	171	2.16	6	0.6	4.4	2	44	0.05	0.4	0.1	49	0.34	0.057	10
1439221	8.1	48	0.3	28.8	10.9	240	1.97	4.9	0.8	3.5	0.8	63	0.3	0.5	0.1	39	0.48	0.089	11
1439222	6.5	53	0.05	32.5	12.9	315	2.03	4.7	0.8	2	0.9	81	0.3	0.4	0.05	43	0.6	0.083	12
1439223	5.6	41	0.05	30.5	12.6	181	2.15	4.4	0.7	2.7	2.8	61	0.05	0.2	0.05	51	0.53	0.066	11
1439224	5	35	0.05	24.9	11	158	2.07	3.2	0.4	1.1	1.9	77	0.05	0.1	0.05	52	0.59	0.093	6
1439225	5.8	38	0.1	28.7	12.3	175	2.24	3.3	0.5	3.3	2.1	85	0.05	0.2	0.05	56	0.62	0.089	7
1439226	6.8	37	0.3	19.3	9.5	179	1.61	4.3	0.7	2.3	0.3	78	0.4	0.3	0.05	33	0.56	0.104	8
1439227	5.3	37	0.05	33.3	13.2	190	2.24	7.6	0.5	18.1	2.7	101	0.05	0.2	0.05	55	0.68	0.083	9
1439228	6.2	35	0.05	22.7	10.7	172	1.91	6.8	0.8	6.2	2.4	117	0.05	0.3	0.1	43	0.59	0.067	12
1439229	8.5	46	0.1	20.1	10.1	182	2.38	9.6	0.5	11.8	2.5	55	0.05	0.4	0.2	53	0.36	0.053	9
1439230	7	43	0.1	18.9	9	163	2.05	6.7	0.6	5.6	2.6	68	0.1	0.4	0.1	47	0.47	0.056	10
1439231	7	45	0.05	18.3	10.5	187	2.17	7.3	0.9	6.5	3.6	81	0.05	0.5	0.1	46	0.47	0.063	13
1439232	6.7	41	0.05	20.8	9.8	197	2.07	5.9	1	6.3	3.2	93	0.05	0.4	0.1	45	0.62	0.074	13

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1439201	51	0.74	261	0.077	1	1.97	0.013	0.1	0.1	0.03	3.5	0.1	0.025	6	0.25	0.1
1439202	27	0.38	357	0.045	3	1.2	0.01	0.1	0.1	0.12	2	0.1	0.07	4	0.25	0.1
1439203	53	0.85	309	0.099	1	2	0.016	0.11	0.1	0.02	3.7	0.1	0.025	6	0.25	0.1
1439204	51	0.82	395	0.084	1	2.02	0.019	0.13	0.1	0.04	3.9	0.1	0.025	6	0.25	0.1
1439205	59	0.88	297	0.109	1	1.85	0.016	0.17	0.2	0.03	3.3	0.2	0.025	6	0.25	0.1
1439206	60	0.88	331	0.106	1	1.95	0.017	0.19	0.1	0.03	3.7	0.2	0.025	6	0.25	0.1
1439207	41	0.63	393	0.063	2	1.53	0.018	0.09	0.2	0.05	3.1	0.05	0.025	5	0.25	0.1
1439208	48	0.59	564	0.073	3	1.46	0.02	0.1	0.2	0.05	4.2	0.2	0.025	5	0.25	0.1
1439209	88	1.5	346	0.09	0	2.56	0.034	0.19	0.1	0.02	5	0.2	0.025	7	0.25	0.1
1439210	46	0.81	346	0.065	0	2.19	0.024	0.05	0.1	0.03	4	0.05	0.025	6	0.25	0.1
1439211	54	1.09	362	0.072	0	2.46	0.025	0.15	0.1	0.03	4.4	0.05	0.025	6	0.25	0.1
1439212	45	0.72	358	0.06	1	2.19	0.019	0.05	0.2	0.02	4.2	0.1	0.025	6	0.25	0.1
1439213	53	0.75	339	0.064	2	2.07	0.021	0.04	0.2	0.03	3.9	0.1	0.025	6	0.25	0.1
1439214	58	0.91	359	0.084	1	2.07	0.02	0.11	0.1	0.04	3.5	0.1	0.025	5	0.25	0.1
1439215	54	0.79	326	0.058	2	2.17	0.015	0.15	0.1	0.04	2.8	0.05	0.025	6	0.25	0.1
1439216	25	0.37	541	0.026	3	1.58	0.011	0.11	0.05	0.13	2.3	0.1	0.09	4	0.25	0.1
1439217	41	0.65	289	0.061	2	1.97	0.014	0.06	0.1	0.05	3.4	0.05	0.025	5	0.25	0.1
1439217	41	0.64	290	0.07	2	1.89	0.014	0.06	0.3	0.06	3.3	0.05	0.025	5	0.25	0.1
1439218	25	0.37	462	0.036	3	1.39	0.011	0.1	0.3	0.12	1.9	0.1	0.07	4	0.25	0.1
1439219	45	0.73	308	0.073	1	2.05	0.021	0.06	0.1	0.03	3.2	0.05	0.025	5	0.25	0.1
1439220	35	0.64	265	0.064	1	2.3	0.017	0.05	0.2	0.05	3.1	0.1	0.025	6	0.25	0.1
1439221	41	0.61	328	0.057	2	2.31	0.013	0.09	0.1	0.08	2.9	0.1	0.025	6	0.25	0.1
1439222	50	0.73	391	0.068	2	2.07	0.016	0.1	0.1	0.05	2.6	0.1	0.025	5	0.25	0.1
1439223	72	0.92	353	0.12	0	2.23	0.026	0.14	0.1	0.005	2.8	0.1	0.025	6	0.25	0.1
1439224	59	0.96	333	0.103	1	2.52	0.031	0.14	0.05	0.005	3.5	0.1	0.025	6	0.25	0.1
1439225	68	1.05	383	0.116	0	2.68	0.031	0.18	0.05	0.005	3.7	0.1	0.025	7	0.25	0.1
1439226	31	0.51	255	0.037	2	1.97	0.016	0.07	0.05	0.08	2.2	0.05	0.025	5	0.25	0.1
1439227	54	0.98	324	0.093	1	2.78	0.041	0.11	0.05	0.01	3.4	0.1	0.025	6	0.25	0.1
1439228	38	0.69	287	0.043	0	2.47	0.034	0.04	0.05	0.03	3.5	0.05	0.025	5	0.25	0.1
1439229	31	0.58	287	0.047	0	2.68	0.018	0.04	0.2	0.03	3.1	0.1	0.025	7	0.25	0.1
1439230	31	0.63	278	0.054	0	2.24	0.02	0.04	0.2	0.03	3.2	0.05	0.025	6	0.25	0.1
1439231	28	0.68	329	0.053	0	2.24	0.025	0.04	0.1	0.03	3.5	0.05	0.025	5	0.25	0.1
1439232	35	0.75	328	0.054	0	2.35	0.027	0.04	0.2	0.04	4.3	0.05	0.025	5	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1439251	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	612789	7035962	-138.7392894	63.43423066		774
1439251	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	612789	7035962	-138.7392894	63.43423066		774
1439252	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	612814	7035964	-138.7387874	63.43424068		783
1439253	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	612838	7035963	-138.7383075	63.43422411		788
1439254	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	612864	7035963	-138.7377869	63.43421587		792
1439255	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	612887	7035963	-138.7373263	63.43420858		810
1439256	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	612913	7035964	-138.7368049	63.43420931		817
1439257	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	612939	7035963	-138.736285	63.4341921		819
1439258	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	612965	7035963	-138.7357643	63.43418386		832
1439259	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	612989	7035963	-138.7352837	63.43417624		798
1439260	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	613015	7035964	-138.7347624	63.43417696		813
1439261	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	613040	7035963	-138.7342625	63.43416006		807
1439262	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	613066	7035963	-138.7337418	63.43415181		819
1439263	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	613089	7035963	-138.7332813	63.43414451		819
1439264	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	613115	7035963	-138.7327606	63.43413625		818
1439265	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	613140	7035963	-138.73226	63.43412831		822
1439266	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	613167	7035963	-138.7317193	63.43411974		826
1439267	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	613190	7035963	-138.7312587	63.43411243		834
1439268	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	613216	7035963	-138.7307381	63.43410417		847
1439269	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	613242	7035963	-138.7302175	63.4340959		857
1439270	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	613263	7035963	-138.7297969	63.43408922		816
1439271	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	613289	7035963	-138.7292763	63.43408096		811
1439272	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	613315	7035963	-138.7287557	63.43407269		838
1439273	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	613340	7035963	-138.728255	63.43406473		821
1439274	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	613366	7035962	-138.7277351	63.43404749		841
1439275	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	613365	7035963	-138.727755	63.4340531		825
1439276	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	613390	7035963	-138.7272538	63.43404882		824
1439277	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	613414	7035963	-138.7267732	63.43404118		820
1439278	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	613440	7035963	-138.7262526	63.4340329		808
1439279	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	613465	7035963	-138.7257519	63.43402494		803
1439280	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	613492	7035963	-138.7252113	63.43401633		780
1439281	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	613516	7035962	-138.7247314	63.43399972		786
1439282	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	613542	7035962	-138.7242108	63.43399143		771

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1439251	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Excellent	Sand
1439251	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Excellent	Sand
1439252	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Excellent	Sand
1439253	Auger	100	B	Pronounced Slope	Chocolate Brown	Old Burn	Sphagnum Moss <	Damp	Good	Clay
1439254	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Sphagnum Moss <	Damp	Excellent	Sand
1439255	Auger	70	C	Pronounced Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Damp	Excellent	Clay
1439256	Auger	80	C	Subtle Slope	Chocolate Brown	Black Spruce	Sphagnum Moss >	Damp	Excellent	Clay
1439257	Auger	60	C	Subtle Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Excellent	Sand
1439258	Auger	60	C	Pronounced Slope	Reddish Orange	Old Burn	Bare Soil	Dry	Excellent	Sand
1439259	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Excellent	Sand
1439260	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Excellent	Sand
1439261	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Excellent	Sand
1439262	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Excellent	Sand
1439263	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Excellent	Sand
1439264	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Excellent	Sand
1439265	Auger	60	C	Pronounced Slope	Reddish Orange	Old Burn	Burnt Moss	Dry	Excellent	Sand
1439266	Auger	30	C	Subtle Slope	Dark Blue Black	Old Burn	Burnt Moss	Dry	Good	Sand
1439267	Auger	70	C	Pronounced Slope	Chocolate Brown	White Spruce	Sphagnum Moss >	Dry	Excellent	Sand
1439268	Auger	50	C	Subtle Slope	Chocolate Brown	Black Spruce	Bare Soil	Dry	Excellent	Sand
1439269	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Excellent	Sand
1439270	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Excellent	Sand
1439271	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Excellent	Sand
1439272	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Excellent	Sand
1439273	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Excellent	Sand
1439274	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Excellent	Sand
1439275	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Excellent	Sand
1439276	Auger	50	C	Subtle Slope	Chocolate Brown	Alders	Bare Soil	Dry	Excellent	Sand
1439277	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Excellent	Sand
1439278	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Excellent	Sand
1439279	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Excellent	Sand
1439280	Auger	40	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Excellent	Sand
1439281	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Excellent	Sand
1439282	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Excellent	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1439251				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	1.1	41.4
1439251				REP	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	1.1	42.1
1439252	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.9	35.8
1439253				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.9	27
1439254				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.8	36
1439255				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.8	33.3
1439256				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.9	35.8
1439257				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.8	32.8
1439258	Quartz Chips	Rusty Rock Chip		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	31.7
1439259				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	37.2
1439260				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	1.2	59.4
1439261				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	25.6
1439262				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	26.4
1439263				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.9	24.5
1439264				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	34
1439265				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.3	42.6
1439266				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	1	10.8
1439267				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.2	32.8
1439268				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	28.7
1439269				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	43.7
1439270				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	33
1439271				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.8	43.6
1439272				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.9	30.1
1439273				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.8	35.9
1439274				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.8	31.7
1439275				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	32.3
1439276				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	23.7
1439277				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	1.1	13.8
1439278				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	13.9
1439279				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	24.2
1439280				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	21.3
1439281				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	29.2
1439282				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	32.5

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1439251	11.1	81	0.2	31.3	11.8	537	2.59	11.1	0.7	4.2	4.5	45	0.7	1.1	0.2	48	1.04	0.074	17
1439251	11.4	82	0.2	31.6	12	543	2.62	11.1	0.7	3.4	4.7	45	0.7	1	0.2	49	1.05	0.077	18
1439252	11.3	73	0.1	28.9	11.4	418	2.72	10.5	0.8	2.9	4.8	42	0.2	1	0.2	53	0.64	0.055	17
1439253	9.6	61	0.1	24.2	10.1	469	2.24	7.8	1.3	3.4	3.9	41	0.4	0.8	0.2	41	0.73	0.062	17
1439254	10.5	70	0.2	29.4	10.4	434	2.44	9.6	1.4	2.5	4.6	45	0.4	0.9	0.2	44	0.85	0.059	18
1439255	11	69	0.1	28.3	10.3	384	2.56	9.2	1	5.1	5.2	36	0.2	0.9	0.2	44	0.68	0.058	19
1439256	12.3	85	0.1	31.4	11.7	461	2.63	11.1	0.7	3	6	41	0.4	0.9	0.2	44	1.28	0.06	20
1439257	18.6	97	0.05	29.3	12.2	361	2.97	11.4	0.8	2.4	8.2	17	0.2	0.7	0.2	48	0.3	0.043	24
1439258	18.2	170	0.2	37.6	9.2	346	3.08	12.4	1.3	5.1	12.6	23	0.4	0.8	0.2	57	0.43	0.037	40
1439259	12.7	119	0.05	34.8	12.6	318	3.23	12.3	1.5	3.2	12.1	11	0.1	0.5	0.2	44	0.14	0.02	36
1439260	13.5	99	0.05	41.1	17	625	3.9	24.5	3	2.7	16.6	17	0.05	0.7	0.3	46	0.17	0.033	59
1439261	10.1	56	0.05	24.3	10.4	261	2.81	7.9	1.8	7.2	11	17	0.05	0.4	0.2	40	0.22	0.048	33
1439262	13.4	75	0.05	28.1	13	349	3.79	9.5	1.5	1.5	18.9	15	0.05	0.3	0.2	50	0.19	0.037	46
1439263	9.7	63	0.05	31.2	12.9	272	3.3	5.9	0.7	3.2	9.8	11	0.05	0.5	0.2	46	0.11	0.025	14
1439264	18.4	102	0.05	31.8	14.9	341	3.95	3.2	2.1	2	23.9	11	0.05	0.2	0.3	42	0.16	0.035	64
1439265	10.4	95	0.05	38.7	16.4	161	4.57	3.3	1.5	1.7	14.9	8	0.05	0.2	0.2	32	0.1	0.03	56
1439266	12.1	61	0.05	21.4	10.6	295	2.79	7.2	0.5	2.3	6.3	12	0.05	0.4	0.3	49	0.13	0.025	11
1439267	13.7	68	0.05	25.9	11.2	227	3.2	5.3	2.3	2.5	15.9	11	0.05	0.4	0.2	34	0.12	0.019	79
1439268	17.7	82	0.05	29.9	13.8	341	4.13	7.3	1	1.4	16	11	0.05	0.5	0.2	41	0.11	0.024	33
1439269	11.6	86	0.05	33.7	14.4	168	4.19	4.7	1.6	0.5	10.9	8	0.05	0.6	0.2	41	0.11	0.042	41
1439270	12.5	62	0.05	27.5	10.9	259	2.87	10.1	1.6	2.6	14.4	16	0.05	0.8	0.2	39	0.17	0.022	38
1439271	15.2	82	0.05	24.3	9.3	210	3.72	11.7	3.7	0.25	22.1	10	0.05	0.8	0.4	30	0.16	0.071	85
1439272	27.2	113	0.05	33.8	15	481	4.76	21.8	1.6	0.7	20.6	14	0.05	2.7	0.3	52	0.14	0.032	39
1439273	23.6	101	0.05	36.9	13	380	5.4	11.4	1.6	0.25	14.8	10	0.05	0.7	0.6	46	0.11	0.057	13
1439274	15	80	0.05	30.5	13.6	229	4.18	12.6	0.9	0.5	8.3	13	0.05	0.8	0.3	45	0.12	0.033	23
1439275	15.7	85	0.05	33.7	14.6	265	4.32	9.9	0.9	7.2	9.8	13	0.05	0.7	0.3	43	0.12	0.032	19
1439276	16.9	95	0.05	33	16.9	482	4.61	5.5	1.6	0.25	12.1	13	0.05	0.4	0.3	46	0.18	0.049	16
1439277	11.9	92	0.05	15.9	12.6	415	4.51	8.1	1.2	0.25	8.7	22	0.05	0.4	0.1	52	0.24	0.05	22
1439278	11.6	52	0.05	18.6	8	231	2.78	9.7	0.7	0.25	8.8	16	0.05	0.5	0.2	46	0.16	0.018	29
1439279	10.8	65	0.05	23.8	12.1	283	3.63	9.6	0.7	0.25	8.3	9	0.05	1.2	0.2	36	0.08	0.018	11
1439280	18.7	81	0.05	26	14.4	411	4.16	8.8	0.8	0.25	10.5	13	0.05	1.2	0.2	42	0.15	0.037	14
1439281	20.3	90	0.05	33.6	16.9	403	4.23	9.9	1.4	2.1	24	11	0.05	1.5	0.2	39	0.15	0.028	91
1439282	17.4	88	0.05	36.8	15.3	420	4.3	12.5	1.6	1	21.8	14	0.05	1.4	0.2	49	0.24	0.058	97

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1439251	30	0.67	468	0.071	2	1.29	0.023	0.1	0.3	0.04	3.9	0.1	0.025	4	0.25	0.1
1439251	31	0.68	468	0.072	2	1.3	0.023	0.1	0.3	0.05	4.1	0.1	0.025	4	0.25	0.1
1439252	33	0.58	383	0.074	1	1.55	0.026	0.09	0.2	0.04	4.8	0.05	0.025	5	0.25	0.1
1439253	25	0.47	361	0.064	2	1.28	0.015	0.06	0.2	0.04	3.6	0.05	0.025	4	0.25	0.1
1439254	28	0.53	404	0.068	2	1.35	0.018	0.07	0.2	0.05	4.1	0.05	0.025	4	0.25	0.1
1439255	29	0.52	380	0.074	2	1.38	0.017	0.08	0.2	0.04	4.2	0.05	0.025	4	0.25	0.1
1439256	31	0.63	389	0.076	1	1.37	0.018	0.13	0.2	0.04	4.2	0.1	0.025	4	0.25	0.1
1439257	35	0.63	271	0.12	0	1.7	0.01	0.31	0.1	0.02	5	0.3	0.025	5	0.25	0.1
1439258	51	1.09	285	0.093	0	2.54	0.015	0.26	0.1	0.05	7.3	0.4	0.025	8	0.25	0.1
1439259	42	0.78	207	0.155	0	2.03	0.006	0.66	0.05	0.01	5	0.5	0.025	7	0.25	0.1
1439260	37	0.69	238	0.132	0	1.91	0.007	0.66	0.05	0.03	6.7	0.5	0.025	6	0.25	0.1
1439261	30	0.57	203	0.095	1	1.53	0.007	0.33	0.1	0.02	4.9	0.3	0.025	4	0.25	0.1
1439262	43	0.75	306	0.134	0	2.25	0.007	0.5	0.05	0.01	7	0.3	0.025	7	0.25	0.1
1439263	34	0.64	183	0.106	1	1.95	0.006	0.44	0.05	0.01	3.5	0.4	0.025	5	0.25	0.1
1439264	39	0.64	186	0.15	0	2.02	0.007	0.69	0.05	0.005	6.8	0.5	0.025	6	0.25	0.1
1439265	34	0.77	157	0.159	0	2.21	0.007	0.91	0.05	0.005	6.8	0.7	0.025	6	0.25	0.1
1439266	29	0.51	188	0.082	1	1.83	0.006	0.25	0.05	0.01	2.8	0.2	0.025	5	0.25	0.1
1439267	29	0.69	156	0.144	0	1.84	0.007	0.69	0.05	0.01	4.8	0.4	0.025	5	0.25	0.1
1439268	36	0.84	195	0.185	0	2.48	0.007	1.03	0.05	0.01	4.1	0.6	0.025	7	0.25	0.1
1439269	33	0.83	181	0.191	0	2.24	0.008	1.14	0.05	0.005	4.5	0.7	0.025	6	0.25	0.1
1439270	29	0.6	178	0.09	0	1.57	0.007	0.3	0.05	0.03	5.7	0.3	0.025	5	0.25	0.1
1439271	27	0.78	139	0.103	0	2.31	0.005	0.68	0.05	0.005	3.5	0.6	0.025	6	0.25	0.1
1439272	48	0.98	208	0.155	0	2.81	0.007	0.86	0.05	0.01	6.7	0.7	0.025	9	0.25	0.1
1439273	36	0.97	221	0.239	0	3.49	0.008	1.22	0.05	0.01	4.8	0.8	0.025	9	0.25	0.1
1439274	33	0.71	176	0.139	0	2.2	0.006	0.63	0.05	0.02	3.9	0.5	0.025	6	0.25	0.1
1439275	36	0.85	189	0.186	1	2.59	0.006	0.92	0.05	0.01	4.4	0.7	0.025	7	0.25	0.1
1439276	40	1.01	188	0.225	0	2.9	0.007	1.26	0.05	0.005	5.3	0.8	0.025	9	0.25	0.1
1439277	34	0.84	279	0.116	1	2.59	0.009	0.67	0.05	0.005	6.7	0.3	0.025	10	0.25	0.1
1439278	29	0.55	198	0.102	0	1.62	0.008	0.28	0.1	0.02	3.7	0.2	0.025	5	0.25	0.1
1439279	29	0.74	145	0.188	1	2.03	0.007	0.87	0.05	0.005	2.9	0.7	0.025	6	0.25	0.1
1439280	35	0.77	211	0.188	1	2.22	0.006	1.01	0.05	0.01	4.6	0.7	0.025	7	0.25	0.1
1439281	40	0.71	192	0.2	1	1.96	0.006	0.85	0.05	0.01	5	0.6	0.025	7	0.25	0.1
1439282	46	0.85	214	0.221	0	2.3	0.008	0.94	0.05	0.005	5.6	0.5	0.025	8	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1439283	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	613565	7035962	-138.7237502	63.4339841		794
1439284	BHC	Braeden Paun-Bur	10/15/2016 0:00	07N	613592	7035963	-138.7232088	63.43398446		764
1439285	BHC	Braeden Paun-Bur	10/16/2016 0:00	07N	610842	7039132	-138.7760737	63.46327029		664
1439286	BHC	Braeden Paun-Bur	10/16/2016 0:00	07N	610869	7039133	-138.7755318	63.46327084		721
1439287	BHC	Braeden Paun-Bur	10/16/2016 0:00	07N	610895	7039133	-138.7750106	63.46326274		747
1439288	BHC	Braeden Paun-Bur	10/16/2016 0:00	07N	610920	7039133	-138.7745095	63.46325495		744
1439289	BHC	Braeden Paun-Bur	10/16/2016 0:00	07N	610945	7039133	-138.7740083	63.46324715		750
1439289	BHC	Braeden Paun-Bur	10/16/2016 0:00	07N	610945	7039133	-138.7740083	63.46324715		750
1439290	BHC	Braeden Paun-Bur	10/16/2016 0:00	07N	610969	7039134	-138.7735265	63.46324863		767
1439291	BHC	Braeden Paun-Bur	10/16/2016 0:00	07N	610998	7039133	-138.7729459	63.46323062		772
1439292	BHC	Braeden Paun-Bur	10/16/2016 0:00	07N	611022	7039133	-138.7724648	63.46322313		776
1439293	BHC	Braeden Paun-Bur	10/16/2016 0:00	07N	611070	7039133	-138.7715026	63.46320814		788
1439294	BHC	Braeden Paun-Bur	10/16/2016 0:00	07N	611093	7039133	-138.7710416	63.46320096		785
1439295	BHC	Braeden Paun-Bur	10/16/2016 0:00	07N	611120	7039133	-138.7705003	63.46319253		816
1439296	BHC	Braeden Paun-Bur	10/16/2016 0:00	07N	611147	7039132	-138.7699598	63.46317513		790
1439297	BHC	Braeden Paun-Bur	10/16/2016 0:00	07N	611170	7039133	-138.7694981	63.46317691		811
1439298	BHC	Braeden Paun-Bur	10/16/2016 0:00	07N	611194	7039132	-138.7690177	63.46316044		816
1439299	BHC	Braeden Paun-Bur	10/16/2016 0:00	07N	611219	7039131	-138.7685172	63.46314366		845
1439300	BHC	Braeden Paun-Bur	10/16/2016 0:00	07N	611214	7039131	-138.7686233	63.4631444		842
1439301	BHC	Braeden Paun-Bur	10/16/2016 0:00	07N	611245	7039133	-138.7679946	63.46315346		857
1439302	BHC	Braeden Paun-Bur	10/16/2016 0:00	07N	611271	7039132	-138.7674741	63.46313637		853
1439303	BHC	Braeden Paun-Bur	10/16/2016 0:00	07N	611295	7039132	-138.7669931	63.46312886		844
1439304	BHC	Braeden Paun-Bur	10/16/2016 0:00	07N	611320	7039132	-138.7664919	63.46312104		856
1439305	BHC	Braeden Paun-Bur	10/16/2016 0:00	07N	611347	7039132	-138.7659507	63.46311259		875
1439306	BHC	Braeden Paun-Bur	10/16/2016 0:00	07N	611371	7039132	-138.7654696	63.46310507		872
1439307	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	612449	7038329	-138.744428	63.45556487		907
1439308	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	612423	7038330	-138.7449483	63.45558205		904
1439309	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	612397	7038331	-138.7454686	63.45559923		903
1439310	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	612373	7038331	-138.7459496	63.45560681		929
1439311	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	612349	7038330	-138.7464313	63.45560542		929
1439312	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	612323	7038330	-138.7469523	63.45561363		932
1439313	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	612297	7038331	-138.7474726	63.4556308		942
1439314	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	612274	7038330	-138.7479343	63.45562909		931



sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1439283	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Excellent	Sand
1439284	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Excellent	Sand
1439285	Auger	110	B	Pronounced Slope	Dark Brown	Old Burn	Grass Cover	Damp	Good	Clay
1439286	Auger	110	C	Pronounced Slope	Dark Blue Black	Old Burn	Grass Cover	Damp	Excellent	Clay
1439287	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Excellent	Sand
1439288	Auger	60	C	Pronounced Slope	Chocolate Brown	Willows	Grass Cover	Damp	Excellent	Sand
1439289	Auger	40	C	Pronounced Slope	Chocolate Brown	Willows	Grass Cover	Dry	Good	Sand
1439289	Auger	40	C	Pronounced Slope	Chocolate Brown	Willows	Grass Cover	Dry	Good	Sand
1439290	Auger	80	C	Pronounced Slope	Chocolate Brown	Alders	Leaf Cover	Dry	Excellent	Sand
1439291	Auger	20	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Sand
1439292	Auger	20	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Sand
1439293	Auger	40	C	Pronounced Slope	Chocolate Brown	Alders	Grass Cover	Dry	Good	Sand
1439294	Auger	30	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Sand
1439295	Auger	40	C	Pronounced Slope	Chocolate Brown	Alders	Leaf Cover	Dry	Excellent	Sand
1439296	Auger	20	B	Pronounced Slope	Chocolate Brown	Alders	Grass Cover	Dry	Good	Sand
1439297	Auger	40	C	Pronounced Slope	Chocolate Brown	Alders	Grass Cover	Dry	Good	Sand
1439298	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Excellent	Sand
1439299	Auger	20	B	Subtle Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Sand
1439300	Auger	30	B	Pronounced Slope	Chocolate Brown	Willows	Leaf Cover	Dry	Good	Sand
1439301	Auger	30	B	Pronounced Slope	Chocolate Brown	Willows	Grass Cover	Dry	Good	Sand
1439302	Auger	110	C	Pronounced Slope	Dark Brown	Alders	Grass Cover	Damp	Excellent	Sand
1439303	Auger	50	C	Pronounced Slope	Dark Brown	Alders	Grass Cover	Damp	Excellent	Sand
1439304	Auger	30	C	Pronounced Slope	Chocolate Brown	Willows	Leaf Cover	Dry	Good	Sand
1439305	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Sand
1439306	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Sphagnum Moss	> Dry	Excellent	Sand
1439307	Auger	70	C	Subtle Slope	Chocolate Brown	Alders	Grass Cover	Damp	Good	Sand
1439308	Auger	80	C	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Damp	Excellent	Sand
1439309	Auger	30	B	Subtle Slope	Chocolate Brown	Alders	Grass Cover	Dry	Poor	Sand
1439310	Auger	30	B	Pronounced Slope	Chocolate Brown	Alders	Grass Cover	Damp	Good	Sand
1439311	Auger	70	C	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Damp	Excellent	Sand
1439312	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Excellent	Sand
1439313	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Sand
1439314	Auger	100	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Damp	Excellent	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1439283				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	21.5
1439284				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.8	14.8
1439285				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.7	15.2
1439286				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	15.7
1439287				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	15.4
1439288				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	15.5
1439289				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	13.1
1439289				REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	13.6
1439290				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	14
1439291	Talus	Frozen	Small sample	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.7	16.9
1439292	Coarse	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.8	22.7
1439293				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	25.8
1439294				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.7	17.8
1439295				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	19.4
1439296	Frozen	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.8	29.1
1439297	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.7	28.3
1439298				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	17.7
1439299	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	23.6
1439300	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	13.9
1439301				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.7	13.2
1439302				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.8	19.6
1439303				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	19.1
1439304	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.1	29.5
1439305				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1	23.2
1439306				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	15.9
1439307				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	37.3
1439308				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	30.1
1439309				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	1	33.9
1439310	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.8	21.8
1439311				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	31
1439312				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	41.9
1439313				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	31.1
1439314				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	22

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1439283	10.9	52	0.05	20.9	9.2	329	2.61	10	1.1	1.7	9.1	23	0.05	0.8	0.2	42	0.29	0.055	37
1439284	9.3	86	0.05	13.2	14.4	472	4.83	12.7	1	0.25	5.9	29	0.05	0.6	0.05	74	0.64	0.196	17
1439285	6.6	48	0.05	22.2	12	266	1.86	6.4	0.7	11.3	1.3	41	0.1	0.3	0.05	37	0.49	0.061	11
1439286	6.6	50	0.05	20.8	9.3	221	2.07	9.5	0.8	6.2	1.3	45	0.2	0.3	0.1	36	0.66	0.068	11
1439287	6.3	44	0.05	19.9	7.8	163	1.82	6	0.7	5	1.6	39	0.05	0.2	0.1	36	0.46	0.065	10
1439288	6.4	45	0.05	20.1	8	187	1.91	7	0.6	6.4	2.7	29	0.05	0.2	0.05	40	0.36	0.059	10
1439289	5.4	42	0.05	17.8	7.9	199	1.65	5.1	0.6	3.8	1.3	35	0.1	0.2	0.1	35	0.4	0.054	9
1439289	5.5	42	0.05	18	8	200	1.69	4.9	0.6	2.4	1.3	36	0.05	0.2	0.1	36	0.4	0.056	9
1439290	5.3	38	0.05	18.2	7.9	221	1.62	5.1	0.6	3.2	1.6	38	0.1	0.2	0.05	34	0.45	0.059	9
1439291	6.3	45	0.1	21	8.5	226	1.79	5.1	0.6	4.2	1.7	45	0.2	0.2	0.1	36	0.52	0.058	10
1439292	6.1	52	0.2	25.4	10.2	295	1.95	6.1	0.7	6.5	1.4	47	0.2	0.3	0.05	39	0.5	0.063	10
1439293	5.3	39	0.05	24.9	11.1	221	2	6	0.7	16.2	2.2	45	0.1	0.2	0.05	42	0.58	0.079	11
1439294	5	38	0.1	15.5	8.1	207	1.49	4.4	0.8	3.7	0.9	54	0.3	0.3	0.3	28	0.64	0.064	12
1439295	7.4	50	0.1	17.4	8	163	1.92	6.6	0.8	5.6	3.5	27	0.05	0.4	0.1	36	0.3	0.058	14
1439296	9.1	48	0.3	21.2	9.8	216	2.09	5.1	1.1	3.4	2	33	0.4	0.3	0.1	39	0.27	0.095	13
1439297	6.6	48	0.2	28.1	10.7	311	1.94	5.5	1.1	3.8	1.6	62	0.2	0.3	0.05	36	0.71	0.08	14
1439298	7.2	44	0.05	16.8	8.2	164	1.84	6	0.9	2.6	3	33	0.05	0.3	0.3	38	0.38	0.06	12
1439299	7.8	43	0.05	18.7	8.2	162	1.85	5.7	1.1	6.1	2.8	38	0.1	0.3	0.05	37	0.44	0.06	12
1439300	6.6	40	0.05	16.6	6.4	133	1.66	5.5	0.7	5	2.4	35	0.1	0.3	0.05	34	0.38	0.057	10
1439301	7.5	49	0.1	14.6	7	216	1.92	5.3	0.7	6.6	2.8	35	0.1	0.3	0.1	41	0.34	0.056	11
1439302	8.6	44	0.1	19.6	9.8	316	1.95	6.3	1.1	9	1.9	48	0.2	0.4	0.05	41	0.55	0.073	13
1439303	7	47	0.05	21.6	8.9	194	1.99	7.1	0.9	5.6	3.8	33	0.1	0.4	0.05	39	0.42	0.069	13
1439304	8.4	49	0.2	19.4	6.9	247	1.8	5.1	1	1.4	1.7	50	0.3	0.4	0.1	33	0.54	0.065	12
1439305	8.1	49	0.2	22.6	13.5	410	2.16	6.8	1.3	8.1	1.8	74	0.2	0.5	0.05	41	0.85	0.078	15
1439306	6.8	41	0.05	17.6	8.4	155	1.9	5.7	0.8	14.7	3.6	39	0.1	0.4	0.05	38	0.35	0.059	12
1439307	8.4	45	0.05	41.5	13.5	325	2.55	8.1	1.3	4.6	4.2	72	0.05	0.5	0.1	55	0.74	0.064	15
1439308	5.9	34	0.05	45.2	13.6	252	2.14	6.3	0.8	4.1	4.2	59	0.05	0.3	0.05	43	0.55	0.05	12
1439309	6.6	50	0.05	42.4	15.6	389	2.73	7.5	0.4	2.2	2.5	77	0.05	0.3	0.05	65	1.12	0.102	8
1439310	8.3	41	0.05	27.5	11	275	2.3	8.7	0.4	2.4	2.1	51	0.1	0.4	0.1	56	0.58	0.068	8
1439311	7.3	39	0.05	35.4	13.5	214	2.37	7.6	0.4	4.1	3.1	56	0.05	0.4	0.1	55	0.49	0.036	10
1439312	5.7	35	0.05	41.9	16.1	222	2.21	4.5	0.8	9.9	3.9	104	0.05	0.3	0.05	57	0.89	0.105	17
1439313	7	33	0.05	24.1	11.8	263	2.02	5.7	0.4	6.6	2.7	116	0.05	0.3	0.05	45	0.66	0.053	9
1439314	10.3	41	0.1	23.4	9.8	278	2.24	8	0.5	1.5	3.2	41	0.05	0.5	0.1	52	0.37	0.033	10

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1439283	27	0.53	287	0.083	1	1.36	0.012	0.18	0.1	0.02	4.5	0.2	0.025	4	0.25	0.1
1439284	23	1.07	493	0.164	0	2.93	0.006	0.67	0.1	0.005	7.8	0.2	0.025	10	0.25	0.1
1439285	40	0.53	223	0.032	0	1.46	0.015	0.04	0.3	0.05	2.2	0.05	0.025	4	0.25	0.1
1439286	39	0.55	233	0.036	1	1.46	0.013	0.04	0.2	0.04	2.4	0.05	0.025	5	0.25	0.1
1439287	38	0.52	201	0.037	2	1.4	0.012	0.04	0.3	0.03	2.2	0.05	0.025	4	0.25	0.1
1439288	43	0.55	202	0.045	0	1.46	0.012	0.04	0.3	0.02	2.4	0.05	0.025	4	0.25	0.1
1439289	33	0.51	186	0.041	1	1.4	0.012	0.03	0.2	0.03	2.1	0.05	0.025	4	0.25	0.1
1439289	33	0.51	184	0.041	1	1.42	0.012	0.03	0.2	0.03	2.1	0.05	0.025	4	0.25	0.1
1439290	33	0.51	207	0.042	1	1.39	0.014	0.03	0.3	0.03	2.2	0.05	0.025	4	0.25	0.1
1439291	36	0.52	252	0.043	1	1.65	0.017	0.04	0.2	0.04	2.4	0.05	0.025	5	0.25	0.1
1439292	40	0.57	250	0.044	1	1.69	0.016	0.06	0.2	0.05	2.5	0.05	0.025	5	0.25	0.1
1439293	51	0.7	249	0.053	1	1.77	0.02	0.05	0.2	0.03	2.8	0.05	0.025	5	0.25	0.1
1439294	28	0.41	271	0.028	2	1.17	0.011	0.03	0.2	0.04	2.2	0.05	0.025	3	0.25	0.1
1439295	36	0.48	221	0.049	0	1.32	0.011	0.03	0.2	0.03	3	0.05	0.025	4	0.25	0.1
1439296	35	0.46	282	0.047	1	1.78	0.014	0.06	0.2	0.02	3.3	0.05	0.025	5	0.25	0.1
1439297	62	0.61	330	0.041	0	1.65	0.018	0.06	0.3	0.05	2.8	0.05	0.025	5	0.25	0.1
1439298	28	0.44	225	0.042	2	1.46	0.013	0.03	0.3	0.03	2.5	0.05	0.025	4	0.25	0.1
1439299	28	0.45	246	0.039	0	1.47	0.013	0.03	0.2	0.03	2.4	0.05	0.025	4	0.25	0.1
1439300	29	0.43	195	0.04	0	1.3	0.01	0.03	0.2	0.03	2.2	0.05	0.025	4	0.25	0.1
1439301	27	0.43	252	0.045	1	1.46	0.01	0.04	0.3	0.04	2.6	0.05	0.025	4	0.25	0.1
1439302	32	0.42	308	0.035	0	1.53	0.013	0.04	0.4	0.04	2.8	0.05	0.025	4	0.25	0.1
1439303	32	0.48	251	0.045	0	1.34	0.017	0.04	0.4	0.05	2.7	0.05	0.025	4	0.25	0.1
1439304	24	0.36	282	0.041	1	1.14	0.012	0.05	0.4	0.04	2.8	0.05	0.025	4	0.25	0.1
1439305	32	0.46	477	0.034	0	2.1	0.017	0.05	0.2	0.07	3.2	0.05	0.025	5	0.25	0.1
1439306	31	0.48	240	0.058	0	1.72	0.014	0.04	0.2	0.02	2.7	0.05	0.025	4	0.25	0.1
1439307	66	0.89	387	0.078	2	2.22	0.038	0.04	0.1	0.02	4.8	0.05	0.025	6	0.25	0.1
1439308	117	1.01	270	0.069	0	1.77	0.024	0.04	0.05	0.01	4.3	0.05	0.025	5	0.25	0.1
1439309	96	1.23	414	0.089	2	2.92	0.09	0.05	0.1	0.005	5.3	0.05	0.025	7	0.25	0.1
1439310	41	0.65	355	0.071	1	2.15	0.035	0.05	0.1	0.005	3.1	0.05	0.025	6	0.25	0.1
1439311	57	0.77	357	0.085	0	2.42	0.036	0.04	0.1	0.01	3.5	0.05	0.025	6	0.25	0.1
1439312	73	0.99	300	0.112	0	2.36	0.06	0.06	0.1	0.01	5.1	0.1	0.025	6	0.25	0.1
1439313	39	0.65	322	0.061	0	2.3	0.05	0.03	0.1	0.01	3.5	0.05	0.025	5	0.25	0.1
1439314	34	0.53	321	0.049	0	1.9	0.02	0.03	0.1	0.01	3.3	0.1	0.025	5	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1439315	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	612248	7038330	-138.7484553	63.45563729		953
1439316	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	612221	7038330	-138.7489964	63.45564581		965
1439317	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	612197	7038330	-138.7494774	63.45565337		972
1439318	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	612171	7038330	-138.7499984	63.45566157		955
1439319	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	612147	7038329	-138.7504801	63.45566017		975
1439320	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	612124	7038330	-138.7509403	63.45567638		993
1439321	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	612097	7038331	-138.7514807	63.45569386		980
1439322	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	612074	7038330	-138.7519423	63.45569213		992
1439323	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	612047	7038330	-138.7524834	63.45570063		971
1439324	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	612021	7038329	-138.7530051	63.45569985		983
1439324	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	612021	7038329	-138.7530051	63.45569985		983
1439325	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	612021	7038329	-138.7530051	63.45569985		977
1439326	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	611997	7038330	-138.7534854	63.45571637		979
1439327	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	611972	7038330	-138.7539864	63.45572424		992
1439328	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	611948	7038330	-138.7544674	63.45573179		970
1439329	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	611920	7038330	-138.7550285	63.4557406		993
1439330	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	611897	7038329	-138.7554901	63.45573886		1006
1439331	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	611871	7038329	-138.7560112	63.45574704		1003
1439332	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	611847	7038329	-138.7564921	63.45575458		1023
1439333	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	611822	7038330	-138.7569924	63.45577141		986
1439334	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	611796	7038329	-138.7575142	63.45577061		999
1439335	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	611771	7038329	-138.7580152	63.45577846		1003
1439336	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	611748	7038329	-138.7584761	63.45578568		1007
1439337	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	611721	7038329	-138.7590172	63.45579416		995
1439338	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	611696	7038329	-138.7595182	63.45580201		1009
1439339	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	611670	7038329	-138.7600393	63.45581017		1002
1439340	BHC	Braeden Paun-Bur	10/17/2016 0:00	07N	611646	7038329	-138.7605202	63.4558177		991
1439341	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	610843	7038529	-138.7764736	63.45786231		853
1439342	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	610869	7038530	-138.7759518	63.45786318		809
1439343	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	610894	7038529	-138.7754514	63.45784642		819
1439344	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	610919	7038530	-138.7749497	63.4578476		818
1439345	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	610944	7038530	-138.7744486	63.4578398		833
1439346	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	610969	7038531	-138.7739469	63.45784097		850

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1439315	Auger	100	C	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Damp	Excellent	Sand
1439316	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Excellent	Sand
1439317	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Excellent	Sand
1439318	Auger	60	C	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Dry	Good	Sand
1439319	Auger	60	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Good	Sand
1439320	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Sand
1439321	Auger	100	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Excellent	Sand
1439322	Auger	80	C	Subtle Slope	Chocolate Brown	Willows	Bare Soil	Dry	Excellent	Sand
1439323	Auger	90	C	Pronounced Slope	Chocolate Brown	Alders	Grass Cover	Damp	Excellent	Sand
1439324	Auger	50	B	Subtle Slope	Chocolate Brown	White Spruce	Bare Soil	Dry	Good	Sand
1439324	Auger	50	B	Subtle Slope	Chocolate Brown	White Spruce	Bare Soil	Dry	Good	Sand
1439325	Auger	50	B	Subtle Slope	Chocolate Brown	White Spruce	Bare Soil	Dry	Good	Sand
1439326	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Excellent	Sand
1439327	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Sand
1439328	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Excellent	Sand
1439329	Auger	60	C	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Dry	Good	Sand
1439330	Auger	50	B	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Dry	Good	Sand
1439331	Auger	70	C	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Dry	Good	Sand
1439332	Auger	90	C	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Damp	Excellent	Sand
1439333	Auger	70	C	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Dry	Good	Sand
1439334	Auger	70	C	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Damp	Good	Sand
1439335	Auger	70	B	Subtle Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Sand
1439336	Auger	60	C	Subtle Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Sand
1439337	Auger	50	C	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Sand
1439338	Auger	70	C	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Damp	Good	Clay
1439339	Auger	50	B	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Damp	Good	Sand
1439340	Auger	60	C	Subtle Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Sand
1439341	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Sand
1439342	Auger	30	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Sand
1439343	Mattock	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Sand
1439344	Auger	60	C	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Dry	Good	Sand
1439345	Auger	60	C	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Dry	Good	Sand
1439346	Auger	60	C	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Dry	Good	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1439315				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	33.7
1439316				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	48.7
1439317				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.05	39.8
1439318				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	40.5
1439319				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.2	40
1439320				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	29.5
1439321				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.2	18.4
1439322				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	35
1439323				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	32.3
1439324				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	30.5
1439324				REP	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	30.3
1439325				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	29.3
1439326				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	19.5
1439327				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	58.4
1439328				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	47.8
1439329				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	27.6
1439330				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.8	31.3
1439331				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	32.2
1439332				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	28.1
1439333				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	34.1
1439334				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	38.1
1439335				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	42.1
1439336				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	25.7
1439337				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	23.9
1439338				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	25.8
1439339				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	22.8
1439340				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	23
1439341				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	34.3
1439342	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	1.1	30
1439343	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	26.8
1439344				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	39.9
1439345				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	24.6
1439346				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	19.4

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1439315	8.3	38	0.05	26.9	12.1	230	2.24	7.1	0.8	6.3	3.5	106	0.05	0.4	0.1	51	0.66	0.066	12
1439316	5.4	27	0.05	46.4	16.4	204	2.08	4.7	0.6	8.9	2.2	577	0.05	0.2	0.05	49	1.28	0.122	9
1439317	5.2	24	0.05	32.3	15.7	208	1.91	3.1	0.7	6.5	2.9	720	0.05	0.1	0.05	49	1.33	0.143	11
1439318	6.4	35	0.05	29.9	14	175	2.26	15.9	0.6	480.4	3.2	64	0.05	0.3	1.6	53	0.53	0.07	11
1439319	5.2	22	0.05	28.7	20.2	95	1.66	5	0.3	2.3	1.5	124	0.05	0.1	0.05	45	0.89	0.234	6
1439320	6.8	32	0.05	40	13.6	154	1.99	5.2	0.2	10.5	1.6	66	0.05	0.2	0.2	39	0.34	0.028	5
1439321	7.8	42	0.05	17.3	9.3	249	2.37	3.7	0.7	6.5	13.6	93	0.05	0.2	0.05	46	0.64	0.061	26
1439322	7.1	42	0.05	27.4	13.9	274	2.58	5.5	0.5	5.4	5.8	64	0.05	0.4	0.05	55	0.67	0.094	17
1439323	8.9	43	0.05	24.3	11.1	180	2.36	8.5	0.7	4.8	4.6	46	0.05	0.5	0.1	51	0.36	0.026	15
1439324	6.5	37	0.05	25.1	11	149	2.19	6.3	0.4	10.2	3	78	0.05	0.4	0.05	56	0.58	0.113	10
1439324	6.5	37	0.05	25.3	11.2	149	2.2	6.6	0.4	3.8	3	79	0.05	0.4	0.05	56	0.58	0.113	10
1439325	6.4	36	0.05	25.1	11.1	175	2.14	6.3	0.4	5.6	2.8	77	0.05	0.4	0.1	55	0.59	0.116	10
1439326	8.8	41	0.05	20.3	11.1	335	2.27	8.2	0.6	2	3.3	29	0.05	0.4	0.1	50	0.26	0.024	11
1439327	6.1	30	0.05	75.7	17.6	279	1.99	6.7	0.3	2	1.7	56	0.05	0.3	0.05	44	0.4	0.035	7
1439328	6.5	40	0.05	70.1	17.4	263	2.49	9	0.6	4.9	3.5	28	0.05	0.6	0.1	44	0.32	0.018	14
1439329	7.2	42	0.05	28.9	9.1	172	2.15	7.2	0.4	6.2	3.6	24	0.05	0.6	0.1	49	0.21	0.01	12
1439330	7.7	37	0.05	35.7	16	294	2.39	9.4	0.4	1.3	2.9	47	0.05	0.4	0.1	60	0.33	0.039	9
1439331	6.5	35	0.05	29.7	15.6	225	2.19	7.4	0.6	10.5	4.4	52	0.05	0.3	0.05	54	0.49	0.051	11
1439332	6.8	37	0.05	45.1	12	198	2.06	6.9	0.4	1.9	3.2	30	0.05	0.5	0.05	43	0.33	0.029	12
1439333	9	37	0.05	35.7	13	319	2.28	7.7	0.8	4.8	3.6	48	0.05	0.5	0.1	49	0.42	0.035	13
1439334	6.8	31	0.05	27.8	14.3	216	2.3	6.1	0.4	20.8	1.9	91	0.05	0.3	0.05	58	0.88	0.075	8
1439335	6	31	0.05	35.4	20.2	164	2.39	7.9	0.3	1.9	1.8	135	0.05	0.2	0.05	63	0.76	0.056	7
1439336	7.4	39	0.05	29.1	12.4	180	2.35	7.9	0.4	3.7	3.2	37	0.05	0.5	0.1	54	0.32	0.029	10
1439337	9.3	42	0.05	29.3	12.3	197	2.47	10	0.5	3.2	3.2	52	0.05	0.5	0.1	56	0.38	0.026	11
1439338	8.9	44	0.05	25.5	12.3	215	2.47	9.6	0.6	5.3	4.2	42	0.05	0.5	0.1	54	0.39	0.028	14
1439339	5.3	28	0.05	39.9	18.1	163	2.63	32.4	0.2	7	1.4	55	0.05	0.2	0.05	80	0.43	0.031	6
1439340	7.6	33	0.05	17.9	15.7	192	2.45	8.3	0.4	0.25	3.7	92	0.05	0.3	0.05	73	0.39	0.019	9
1439341	4.9	34	0.05	31.8	14.1	158	2.2	16.3	0.6	48.8	0.9	42	0.05	0.3	0.05	47	0.46	0.065	10
1439342	6.1	33	0.05	30.8	17.1	241	2.3	17.5	0.5	0.7	1.2	26	0.05	0.3	0.05	51	0.42	0.126	9
1439343	4	34	0.05	28.2	14.4	205	2.07	12.4	0.4	4.6	1.8	24	0.05	0.3	0.05	45	0.3	0.074	8
1439344	5.5	39	0.05	45.8	18.8	290	2.47	18.2	0.5	1.6	2.1	27	0.05	0.3	0.05	52	0.36	0.07	9
1439345	5.8	40	0.05	23	11.6	167	2.2	12.2	0.7	2.8	3.2	23	0.05	0.3	0.1	49	0.29	0.063	12
1439346	4.9	32	0.05	19.3	8.5	140	1.79	12.1	0.5	3.5	2.4	25	0.05	0.2	0.05	41	0.35	0.072	10



sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1439315	41	0.68	368	0.056	2	2.33	0.04	0.04	0.1	0.02	4.3	0.05	0.025	6	0.25	0.1
1439316	63	0.98	444	0.043	0	3.54	0.093	0.03	0.05	0.01	4.8	0.05	0.025	7	0.25	0.1
1439317	50	1.15	618	0.06	0	3.71	0.106	0.15	0.05	0.02	3.5	0.1	0.025	8	0.25	0.1
1439318	50	0.8	262	0.079	0	2.27	0.038	0.04	2.7	0.02	3.2	0.05	0.025	6	0.25	0.1
1439319	29	0.76	390	0.045	0	3.37	0.029	0.04	0.05	0.01	2.4	0.05	0.025	5	0.25	0.1
1439320	56	0.59	209	0.048	0	1.96	0.013	0.05	0.1	0.005	2.7	0.05	0.025	4	0.25	0.1
1439321	42	0.88	243	0.18	0	2.36	0.023	0.31	0.2	0.005	5	0.3	0.025	8	0.25	0.1
1439322	80	1.03	287	0.111	0	2.4	0.023	0.05	0.1	0.03	4.7	0.1	0.025	6	0.25	0.1
1439323	45	0.62	239	0.073	2	2	0.015	0.03	0.2	0.02	5.2	0.05	0.025	5	0.25	0.1
1439324	37	0.67	305	0.051	1	2.69	0.02	0.03	0.1	0.02	3.6	0.05	0.025	6	0.25	0.1
1439324	38	0.67	309	0.053	1	2.72	0.02	0.03	0.1	0.02	3.7	0.05	0.025	6	0.25	0.1
1439325	36	0.65	291	0.047	2	2.59	0.02	0.03	0.1	0.01	3.5	0.05	0.025	6	0.25	0.1
1439326	29	0.5	259	0.047	1	1.82	0.008	0.03	0.2	0.01	3.4	0.05	0.025	5	0.25	0.1
1439327	76	0.72	275	0.052	0	2.55	0.014	0.04	0.05	0.02	2.8	0.05	0.025	5	0.25	0.1
1439328	125	1.11	225	0.069	2	1.81	0.018	0.04	0.1	0.05	6.5	0.05	0.025	4	0.25	0.1
1439329	36	0.51	225	0.048	2	1.71	0.009	0.03	0.1	0.01	3.6	0.05	0.025	4	0.25	0.1
1439330	40	0.58	254	0.052	0	3.22	0.016	0.03	0.1	0.02	4.7	0.05	0.025	7	0.25	0.1
1439331	71	0.72	230	0.064	0	2.64	0.019	0.03	0.1	0.02	4.3	0.05	0.025	6	0.25	0.1
1439332	55	0.75	271	0.062	1	1.64	0.017	0.03	0.1	0.02	3.4	0.05	0.025	4	0.25	0.1
1439333	48	0.63	334	0.054	0	2.16	0.018	0.04	0.1	0.02	5.4	0.05	0.025	5	0.25	0.1
1439334	35	0.94	296	0.048	0	3.32	0.036	0.03	0.05	0.02	6.7	0.05	0.025	6	0.25	0.1
1439335	33	0.81	384	0.065	1	5.1	0.056	0.03	0.05	0.02	3.8	0.05	0.025	10	0.25	0.1
1439336	38	0.58	289	0.054	0	2.71	0.014	0.04	0.1	0.02	3.7	0.1	0.025	6	0.25	0.1
1439337	33	0.57	315	0.06	1	3.32	0.019	0.04	0.1	0.02	3.7	0.1	0.025	7	0.25	0.1
1439338	38	0.53	265	0.071	2	2.6	0.022	0.04	0.1	0.02	4.5	0.05	0.025	6	0.25	0.1
1439339	52	0.88	244	0.081	1	3.5	0.016	0.03	0.05	0.02	4	0.05	0.025	7	0.25	0.1
1439340	23	0.67	280	0.076	0	3.07	0.02	0.03	0.05	0.02	3.7	0.05	0.025	7	0.25	0.1
1439341	80	0.56	176	0.038	0	1.64	0.017	0.03	0.1	0.02	3.2	0.05	0.025	5	0.25	0.1
1439342	92	0.45	162	0.038	0	1.53	0.012	0.04	0.1	0.01	2.8	0.05	0.025	4	0.25	0.1
1439343	73	0.53	137	0.042	0	1.33	0.01	0.03	0.2	0.01	2.5	0.05	0.025	3	0.25	0.1
1439344	90	0.68	189	0.049	0	1.73	0.009	0.03	0.2	0.01	3.2	0.05	0.025	4	0.25	0.1
1439345	66	0.51	185	0.051	0	1.48	0.01	0.03	0.2	0.01	3.3	0.05	0.025	4	0.25	0.1
1439346	54	0.47	158	0.045	0	1.18	0.01	0.02	0.2	0.01	2.8	0.05	0.025	3	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1439347	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	610995	7038529	-138.7734272	63.45781493		847
1439348	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	611019	7038530	-138.7729455	63.45781641		833
1439349	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	611044	7038530	-138.7724444	63.45780861		841
1439350	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	611045	7038522	-138.7724388	63.4577347		847
1439351	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	611070	7038530	-138.7719234	63.45780049		860
1439352	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	611095	7038530	-138.7714223	63.45779269		969
1439353	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	611119	7038530	-138.7709413	63.4577852		879
1439354	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	611144	7038530	-138.7704403	63.45777739		894
1439355	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	611169	7038530	-138.7699392	63.45776958		907
1439356	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	611194	7038530	-138.7694382	63.45776177		907
1439357	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	611220	7038530	-138.7689171	63.45775364		920
1439358	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	611245	7038530	-138.768416	63.45774583		933
1439359	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	611269	7038530	-138.767935	63.45773832		936
1439360	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	611295	7038530	-138.7674139	63.45773019		946
1439361	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	611320	7038530	-138.7669129	63.45772237		943
1439362	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	611344	7038530	-138.7664319	63.45771486		963
1439363	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	611370	7038530	-138.7659108	63.45770673		977
1439364	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	611421	7038530	-138.7648887	63.45769076		976
1439364	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	611421	7038530	-138.7648887	63.45769076		976
1439365	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	611445	7038530	-138.7644077	63.45768324		978
1439366	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	611470	7038530	-138.7639066	63.45767541		991
1439367	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	611496	7038530	-138.7633855	63.45766727		994
1439368	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	611520	7038530	-138.7629045	63.45765975		992
1439369	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	611546	7038530	-138.7623835	63.4576516		1008
1439370	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	611571	7038530	-138.7618824	63.45764376		1013
1439371	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	611597	7038530	-138.7613613	63.45763561		1014
1439372	BHC	Braeden Paun-Bur	10/18/2016 0:00	07N	611623	7038530	-138.7608403	63.45762745		1024
1439373	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612850	7037828	-138.7367469	63.45094511		766
1439373	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612850	7037828	-138.7367469	63.45094511		766
1439374	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612824	7037828	-138.7372679	63.45095335		772
1439375	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612824	7037828	-138.7372679	63.45095335		780
1439376	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612798	7037828	-138.7377889	63.4509616		790
1439377	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612774	7037828	-138.7382697	63.4509692		789

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1439347	Mattock	30	B	Subtle Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Poor	Gravel
1439348	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Sand
1439349	Auger	80	C	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Damp	Good	Sand
1439350	Auger	80	C	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Damp	Good	Sand
1439351	Auger	30	B	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Dry	Good	Sand
1439352	Mattock	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Poor	Sand
1439353	Auger	60	C	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Damp	Good	Sand
1439354	Auger	60	C	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Damp	Good	Sand
1439355	Auger	60	C	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Dry	Good	Sand
1439356	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Damp	Good	Sand
1439357	Auger	30	B	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Sand
1439358	Auger	30	B	Subtle Slope	Chocolate Brown	Willows	Bare Soil	Dry	Poor	Sand
1439359	Auger	20	B	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Poor	Sand
1439360	Auger	50	B	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Dry	Good	Sand
1439361	Auger	80	C	Pronounced Slope	Dark Olivine Greer	Willows	Bare Soil	Dry	Excellent	Sand
1439362	Auger	50	C	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Sand
1439363	Auger	40	B	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Dry	Good	Sand
1439364	Auger	40	B	Subtle Slope	Chocolate Brown	Alders	Bare Soil	Dry	Good	Sand
1439364	Auger	40	B	Subtle Slope	Chocolate Brown	Alders	Bare Soil	Dry	Good	Sand
1439365	Auger	30	B	Subtle Slope	Chocolate Brown	Alders	Bare Soil	Dry	Poor	Sand
1439366	Auger	50	B	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Dry	Good	Sand
1439367	Auger	20	B	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Poor	Sand
1439368	Auger	60	B	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Sand
1439369	Auger	50	B	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Sand
1439370	Auger	70	B	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Sand
1439371	Auger	60	C	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Sand
1439372	Auger	30	B	Subtle Slope	Chocolate Brown	Willows	Bare Soil	Dry	Poor	Sand
1439373	Auger	60	C	Pronounced Slope	Chocolate Brown	Black Spruce	Sphagnum Moss >	Dry	Good	Sand
1439373	Auger	60	C	Pronounced Slope	Chocolate Brown	Black Spruce	Sphagnum Moss >	Dry	Good	Sand
1439374	Auger	100	C	Pronounced Slope	Reddish Yellow	Alders	Leaf Cover	Wet	Excellent	Gravel
1439375	Auger	100	C	Pronounced Slope	Reddish Yellow	Alders	Leaf Cover	Wet	Excellent	Gravel
1439376	Auger	60	B	Pronounced Slope	Dark Brown	Alders	Sphagnum Moss >	Wet	Good	Silt
1439377	Auger	70	B	Pronounced Slope	Chocolate Brown	Alders	Sphagnum Moss >	Damp	Good	Clay

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1439347	Frozen	Frozen	Frozen	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.8	30.6
1439348				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	34.6
1439349				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.7	26
1439350				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.8	27.6
1439351				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.9	29
1439352	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.7	23.3
1439353				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	17.8
1439354				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	20.8
1439355				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	19.9
1439356				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	21.6
1439357				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.8	20.7
1439358				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	23.5
1439359	Small Sample	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	1	17.5
1439360				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.7	18.9
1439361				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.3	45
1439362				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	22.5
1439363				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	34.1
1439364				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	19.1
1439364				REP	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	19.6
1439365	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.9	23.9
1439366				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.8	23.9
1439367	Frozen	Frozen	Very frozen	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.9	15.8
1439368				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.7	21.6
1439369				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	1.2	18.6
1439370				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.7	25.4
1439371				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.8	26.8
1439372				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	1	17.7
1439373				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	25.7
1439373				REP	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	26.2
1439374				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	5.3	68.6
1439375				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	2.4	26.5
1439376				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.3	36.7
1439377				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	29.4

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1439347	6.9	45	0.1	29.6	19	333	2.72	23.3	0.6	2.8	1.6	24	0.05	0.3	0.1	61	0.32	0.076	9
1439348	4.8	35	0.05	29.9	14.7	207	2.16	19.4	0.8	2.9	2.9	36	0.05	0.3	0.05	48	0.63	0.18	13
1439349	7.7	41	0.05	26.5	13.5	232	2.32	15.1	0.8	3.1	2.6	40	0.05	0.4	0.1	51	0.44	0.05	12
1439350	9.1	41	0.05	27.9	13.3	226	2.34	16.2	0.8	7.4	3.1	36	0.05	0.4	0.1	54	0.4	0.049	12
1439351	7.5	36	0.2	27.6	17	301	2.16	14.3	0.8	4.8	1.4	41	0.05	0.3	0.1	48	0.45	0.06	12
1439352	7.5	37	0.2	22.9	14.6	441	2.06	8.9	0.6	1.4	1.1	37	0.1	0.3	0.1	46	0.34	0.05	9
1439353	6.2	35	0.05	21	9.2	164	1.89	8.7	0.5	2.4	2.6	41	0.05	0.3	0.1	43	0.38	0.044	9
1439354	6.8	35	0.05	21.1	8.9	171	1.86	8.5	0.9	9.9	3.3	45	0.05	0.4	0.1	42	0.39	0.032	11
1439355	6.7	36	0.05	22.1	9.4	173	1.89	9.3	0.7	5.3	2.9	45	0.05	0.3	0.1	44	0.38	0.037	11
1439356	6	35	0.05	25.2	10.3	194	1.91	9.2	0.7	10.2	2.5	58	0.05	0.3	0.05	46	0.42	0.04	11
1439357	6.9	34	0.05	27.4	10.8	186	2.01	9.9	0.4	7.4	1.9	58	0.05	0.3	0.1	48	0.43	0.045	8
1439358	7.9	32	0.1	28.7	12.5	242	2.01	8.9	0.5	6.8	1.8	69	0.05	0.3	0.1	47	0.53	0.051	8
1439359	7.6	38	0.05	25.7	9.5	194	2.15	9.9	0.4	2.7	1.1	75	0.05	0.3	0.1	53	0.45	0.052	8
1439360	8	40	0.05	24.6	9.7	183	2.28	8	0.6	4.1	3.2	35	0.05	0.4	0.1	53	0.25	0.019	10
1439361	4.3	26	0.05	29.5	13.7	247	1.8	5.8	0.6	1.6	1.7	174	0.05	0.2	0.05	39	0.87	0.132	6
1439362	6.5	39	0.05	27.2	11.2	228	2.1	9.8	0.5	2.5	3.1	43	0.05	0.3	0.1	48	0.36	0.035	10
1439363	5.5	35	0.05	59.3	14	170	2.09	7.7	0.4	1.5	2.1	46	0.05	0.3	0.05	48	0.34	0.031	9
1439364	6.7	36	0.05	23.6	8.5	180	1.95	6.7	0.4	1.4	1.8	33	0.05	0.3	0.05	45	0.29	0.032	8
1439364	6.8	38	0.05	24.8	9	190	2	7	0.4	1.4	1.9	34	0.05	0.4	0.1	46	0.29	0.033	8
1439365	9.7	40	0.2	29.8	10.1	250	2.14	7.3	0.4	1.4	1.5	30	0.1	0.3	0.1	51	0.3	0.058	8
1439366	8.6	48	0.05	25.4	10.8	205	2.48	9.5	0.5	2.8	3.2	39	0.05	0.5	0.1	55	0.33	0.025	11
1439367	8.3	36	0.2	17.8	7.7	179	2.19	7.3	0.3	1.6	0.7	25	0.05	0.3	0.1	55	0.22	0.038	8
1439368	8.2	46	0.05	25.1	12.4	225	2.61	8.5	0.4	5.7	2.5	34	0.05	0.4	0.1	56	0.28	0.027	9
1439369	9.4	45	0.1	21	9.8	181	2.87	12	0.4	1.1	2.3	24	0.05	0.4	0.2	68	0.19	0.036	9
1439370	8.5	52	0.05	25.5	12.3	241	2.65	9.6	0.6	3.1	3.6	41	0.05	0.4	0.1	55	0.3	0.025	11
1439371	8.1	53	0.05	27.2	13.9	305	2.79	10	0.6	1.5	3.2	47	0.05	0.4	0.1	57	0.33	0.036	10
1439372	9.5	46	0.1	22.9	12.2	195	2.84	9.8	0.4	1.7	2.5	32	0.05	0.4	0.2	64	0.25	0.033	8
1439373	6.4	30	0.05	21.4	10.2	193	1.89	8.3	1.3	8.8	6.6	61	0.05	0.4	0.2	40	0.59	0.064	17
1439373	6.7	30	0.05	22	10.4	193	1.92	7.6	1.2	46.5	6.8	59	0.05	0.4	0.2	40	0.59	0.064	16
1439374	16.3	75	0.3	19.6	10	752	3.25	33.1	3	13.8	26.6	30	0.2	4.8	0.8	40	0.57	0.088	37
1439375	12.8	63	0.2	15.4	9.7	699	2.42	11.6	3	5.7	24.5	34	0.2	1.8	0.2	32	0.66	0.072	43
1439376	5.3	41	0.05	46.1	14.1	240	2.29	4.8	1.1	3.6	2.7	73	0.2	0.3	0.2	48	1.02	0.07	14
1439377	5.7	45	0.05	46.2	15.9	329	2.43	6	1.1	3.8	2.5	71	0.1	0.4	0.2	47	1.04	0.077	12

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1439347	79	0.53	220	0.045	0	2.03	0.009	0.05	0.2	0.02	3.6	0.05	0.025	6	0.25	0.1
1439348	86	0.63	176	0.044	0	1.45	0.013	0.03	0.1	0.02	3.8	0.05	0.025	4	0.25	0.1
1439349	57	0.56	253	0.05	0	2.03	0.011	0.03	0.1	0.04	4.1	0.05	0.025	5	0.25	0.1
1439350	61	0.57	251	0.053	0	2.04	0.012	0.03	0.2	0.03	4.4	0.05	0.025	5	0.25	0.1
1439351	49	0.5	247	0.042	0	2.02	0.013	0.03	0.1	0.03	3.5	0.05	0.025	5	0.25	0.1
1439352	38	0.46	269	0.036	0	2.31	0.012	0.04	0.1	0.03	2.8	0.05	0.025	6	0.25	0.1
1439353	38	0.53	222	0.046	0	1.9	0.021	0.03	0.2	0.02	2.8	0.05	0.025	4	0.25	0.1
1439354	37	0.5	245	0.055	0	1.74	0.018	0.03	0.1	0.02	3.3	0.05	0.025	4	0.25	0.1
1439355	38	0.51	262	0.052	0	1.89	0.022	0.03	0.1	0.02	3.2	0.05	0.025	4	0.25	0.1
1439356	45	0.57	276	0.056	0	2.06	0.026	0.03	0.05	0.005	3.1	0.05	0.025	5	0.25	0.1
1439357	44	0.56	263	0.048	0	2.27	0.029	0.03	0.1	0.01	2.6	0.05	0.025	6	0.25	0.1
1439358	47	0.57	289	0.049	0	2.51	0.042	0.03	0.1	0.02	2.8	0.05	0.025	6	0.25	0.1
1439359	42	0.53	290	0.045	1	2.32	0.022	0.04	0.1	0.02	2.5	0.05	0.025	6	0.25	0.1
1439360	48	0.53	254	0.047	0	2.19	0.012	0.03	0.1	0.01	3.3	0.05	0.025	6	0.25	0.1
1439361	55	0.81	278	0.032	0	2.29	0.042	0.03	0.05	0.02	5.2	0.05	0.025	5	0.25	0.1
1439362	51	0.59	279	0.05	0	2.1	0.018	0.03	0.2	0.01	3.4	0.05	0.025	5	0.25	0.1
1439363	131	0.87	260	0.055	0	2.22	0.017	0.03	0.05	0.005	3	0.05	0.025	5	0.25	0.1
1439364	43	0.54	218	0.037	0	1.9	0.012	0.03	0.1	0.02	2.8	0.05	0.025	5	0.25	0.1
1439364	45	0.55	230	0.039	0	1.92	0.012	0.03	0.1	0.02	2.9	0.05	0.025	5	0.25	0.1
1439365	61	0.55	257	0.038	0	2.16	0.014	0.04	0.2	0.02	2.7	0.05	0.025	6	0.25	0.1
1439366	37	0.56	294	0.038	0	2.6	0.018	0.03	0.1	0.02	3.8	0.05	0.025	6	0.25	0.1
1439367	32	0.47	190	0.033	0	2.13	0.008	0.03	0.1	0.02	2.6	0.05	0.025	7	0.25	0.1
1439368	40	0.63	299	0.043	0	2.92	0.013	0.03	0.2	0.02	3.7	0.05	0.025	6	0.25	0.1
1439369	32	0.5	226	0.04	0	2.7	0.007	0.04	0.1	0.02	3.2	0.1	0.025	8	0.25	0.1
1439370	36	0.61	311	0.045	0	3.07	0.015	0.04	0.1	0.02	4.4	0.1	0.025	7	0.25	0.1
1439371	36	0.63	371	0.043	0	3.2	0.017	0.04	0.1	0.02	4.1	0.05	0.025	7	0.25	0.1
1439372	33	0.55	254	0.04	1	2.9	0.009	0.04	0.1	0.02	3.5	0.1	0.025	7	0.25	0.1
1439373	43	0.61	237	0.054	0	1.94	0.034	0.04	0.1	0.02	5.6	0.05	0.025	5	0.25	0.1
1439373	45	0.61	218	0.054	0	1.98	0.034	0.04	0.1	0.02	5.1	0.05	0.025	5	0.25	0.1
1439374	30	0.79	175	0.051	0	1.57	0.008	0.38	0.2	0.02	5.3	0.7	0.025	8	0.25	0.6
1439375	33	0.83	161	0.032	0	1.71	0.009	0.32	0.1	0.02	4.5	0.4	0.025	8	0.25	0.1
1439376	91	1.12	327	0.079	1	1.89	0.026	0.11	0.1	0.04	4.9	0.05	0.025	5	0.25	0.1
1439377	102	1.22	346	0.072	1	1.87	0.024	0.07	0.2	0.03	5	0.05	0.025	5	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1439378	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612749	7037828	-138.7387706	63.45097712		818
1439379	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612724	7037828	-138.7392716	63.45098504		790
1439380	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612700	7037828	-138.7397524	63.45099264		805
1439381	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612674	7037828	-138.7402734	63.45100087		809
1439382	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612648	7037828	-138.7407944	63.4510091		822
1439383	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612623	7037829	-138.7412946	63.45102598		811
1439384	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612599	7037828	-138.7417762	63.4510246		817
1439385	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612573	7037828	-138.7422971	63.45103283		819
1439386	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612550	7037829	-138.7427573	63.45104907		826
1439387	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612524	7037829	-138.7432782	63.45105729		840
1439387	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612524	7037829	-138.7432782	63.45105729		840
1439388	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612498	7037829	-138.7437992	63.45106551		844
1439389	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612474	7037829	-138.74428	63.45107309		839
1439390	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612449	7037829	-138.744781	63.45108099		856
1439391	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612423	7037828	-138.7453026	63.45108024		860
1439392	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612399	7037829	-138.7457828	63.45109678		883
1439393	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612372	7037828	-138.7463245	63.45109634		876
1439394	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612348	7037828	-138.7468054	63.45110392		894
1439395	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612323	7037829	-138.7473056	63.45112077		891
1439396	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612297	7037828	-138.7478273	63.45112001		876
1439397	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612273	7037828	-138.7483082	63.45112758		890
1439398	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612249	7037828	-138.7487891	63.45113515		895
1439399	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612224	7037828	-138.74929	63.45114303		889
1439400	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612224	7037828	-138.74929	63.45114303		857
1439401	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612197	7037829	-138.7498303	63.45116051		877
1439402	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612171	7037829	-138.7503512	63.45116871		888
1439403	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612148	7037828	-138.7508128	63.45116699		891
1439404	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612121	7037828	-138.7513538	63.45117549		847
1439405	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612098	7037829	-138.7518139	63.45119171		889
1439406	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612073	7037827	-138.7523163	63.45118164		876
1439407	BHC	Braeden Paun-Bur	10/19/2016 0:00	07N	612047	7037828	-138.7528365	63.4511988		863
1439408	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611745	7038128	-138.7586773	63.45398409		977
1439409	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611722	7038129	-138.7591375	63.45400028		971

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1439378	Auger	90	C	Pronounced Slope	Chocolate Brown	Alders	Leaf Cover	Damp	Excellent	Sand
1439379	Auger	80	C	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Dry	Good	Sand
1439380	Auger	110	C	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Damp	Excellent	Sand
1439381	Auger	90	B	Subtle Slope	Chocolate Brown	Alders	Bare Soil	Damp	Good	Sand
1439382	Auger	90	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Damp	Good	Sand
1439383	Auger	90	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Damp	Good	Sand
1439384	Auger	90	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1439385	Auger	80	C	Subtle Slope	Chocolate Brown	Alders	Bare Soil	Damp	Good	Sand
1439386	Auger	110	B	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Damp	Good	Sand
1439387	Auger	90	C	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Dry	Good	Sand
1439387	Auger	90	C	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Dry	Good	Sand
1439388	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Excellent	Sand
1439389	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Damp	Good	Sand
1439390	Auger	80	C	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Damp	Good	Sand
1439391	Auger	30	B	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Dry	Good	Sand
1439392	Auger	70	C	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Dry	Excellent	Sand
1439393	Auger	80	C	Pronounced Slope	Pale Greenish	Old Burn	Bare Soil	Dry	Excellent	Sand
1439394	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Excellent	Sand
1439395	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Sand
1439396	Auger	70	C	Subtle Slope	Greyish Green	Old Burn	Bare Soil	Dry	Excellent	Sand
1439397	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Damp	Good	Sand
1439398	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Damp	Excellent	Sand
1439399	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Damp	Excellent	Sand
1439400	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Damp	Excellent	Sand
1439401	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Damp	Excellent	Sand
1439402	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Sand
1439403	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Damp	Excellent	Sand
1439404	Auger	80	C	Subtle Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Excellent	Sand
1439405	Auger	90	C	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Damp	Good	Sand
1439406	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Excellent	Sand
1439407	Auger	80	B	Subtle Slope	Chocolate Brown	Alders	Bare Soil	Damp	Good	Clay
1439408	Auger	60	C	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Sand
1439409	Auger	70	C	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Sand



sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1439378				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	20.7
1439379				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	33.1
1439380				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.8	32.9
1439381				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	33.5
1439382				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	36.6
1439383				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	44.1
1439384				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	43.6
1439385				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.7	45.7
1439386				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	47.4
1439387				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.3	38.8
1439387				REP	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	38.8
1439388				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	35.4
1439389				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	42.1
1439390				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	43
1439391				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.9	27.8
1439392				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	54.6
1439393				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.1	63.2
1439394				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	117
1439395				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.7	105.2
1439396				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.05	36.4
1439397				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	50.4
1439398				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	35.2
1439399				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	28.2
1439400				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.7	27.4
1439401				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.7	39.2
1439402				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	36.3
1439403				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.7	44.8
1439404	Rusty Rock Chip			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	60.9
1439405				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.3	68.7
1439406				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	77.7
1439407				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	34.6
1439408				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	21.4
1439409				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	23.8

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1439378	4.5	31	0.05	31.3	13.2	354	1.91	6.2	0.8	3.9	2	84	0.05	0.3	0.1	39	1.04	0.088	9
1439379	7.7	46	0.05	33.4	13.2	375	2.52	9.2	1.6	10.9	3.3	64	0.05	0.5	0.2	52	0.88	0.074	14
1439380	9.8	46	0.05	34.4	12	291	2.29	7.7	1	5.1	3.2	51	0.1	0.5	0.1	50	0.69	0.075	12
1439381	7.9	42	0.05	49.9	13.6	308	2.34	7.2	1.1	3.9	3.1	73	0.1	0.5	0.1	49	0.88	0.071	13
1439382	10.2	46	0.1	36.7	12.3	322	2.37	8.7	1.4	6.5	3.8	48	0.05	0.6	0.1	50	0.59	0.064	15
1439383	7.3	39	0.05	69.3	16.3	376	2.29	6.6	3.3	4.4	2.5	76	0.2	0.5	0.1	46	0.9	0.065	15
1439384	7.6	40	0.05	82.8	15.8	296	2.27	7.7	0.8	4.2	2.9	81	0.2	0.6	0.2	45	0.96	0.059	13
1439385	9.8	44	0.05	81.1	15.2	235	2.55	6.4	0.9	18.5	3.8	70	0.05	0.4	0.1	52	0.78	0.067	15
1439386	6	40	0.05	91.7	15.6	256	2.46	5.1	0.7	4.3	3	85	0.1	0.4	0.1	52	1	0.086	13
1439387	6.6	45	0.05	72.4	16.2	255	2.72	6.1	0.6	5.9	3.5	63	0.05	0.4	0.05	62	0.79	0.074	12
1439387	6.7	45	0.05	71.2	16.1	255	2.72	6.5	0.6	5.3	3.3	62	0.05	0.4	0.1	62	0.79	0.075	12
1439388	6.1	39	0.05	50.5	14.1	213	2.43	5.4	0.5	5	2.9	92	0.05	0.4	0.05	61	0.81	0.109	11
1439389	7.5	43	0.05	68.4	15.3	272	2.56	7.6	0.7	4.6	4	51	0.05	0.4	0.1	55	0.57	0.057	13
1439390	7.4	43	0.05	55.2	16.3	157	2.69	8.2	0.4	3.9	2.9	86	0.05	0.4	0.05	69	0.62	0.047	9
1439391	6.3	30	0.05	48.8	12.1	161	2.01	6.8	0.3	1.6	1.9	56	0.05	0.3	0.05	48	0.49	0.021	8
1439392	5.2	31	0.05	103.6	22.4	173	2.59	6.3	0.2	4.9	2.4	106	0.05	0.1	0.05	49	0.66	0.016	4
1439393	3.1	30	0.05	297.7	34.4	361	2.88	18.5	0.4	24.6	3.4	24	0.05	0.2	0.1	51	0.34	0.019	12
1439394	2.2	20	0.05	511	54.4	199	2.97	17.2	0.2	2.8	2.3	17	0.05	0.2	0.05	33	0.23	0.013	2
1439395	4.6	36	0.05	752.9	70.6	426	5.58	10.8	0.2	1.3	1.1	22	0.1	0.2	0.05	45	0.27	0.064	2
1439396	4.8	21	0.05	23.5	9.1	132	1.69	1.7	0.3	1.7	2.8	162	0.05	0.05	0.05	46	1.1	0.21	12
1439397	7.7	46	0.05	97	15.9	340	2.52	13.4	0.5	9.9	3.9	38	0.05	0.7	0.2	46	0.49	0.078	13
1439398	8.1	52	0.05	38.1	10.9	381	2.35	9.8	0.5	3.4	3.8	35	0.2	0.6	0.1	43	0.67	0.074	12
1439399	9.3	55	0.1	34.4	11.8	467	2.43	8.9	0.9	2.1	3.4	31	0.1	0.6	0.1	50	0.41	0.04	13
1439400	10	50	0.1	36.5	11.6	404	2.39	9.8	0.7	1.7	3.5	33	0.2	0.6	0.1	47	0.39	0.031	11
1439401	11	54	0.1	42.4	12.6	369	2.67	10.2	0.7	4.7	4.2	36	0.05	0.7	0.2	50	0.51	0.05	15
1439402	9.2	41	0.05	54.7	13.1	289	2.37	9.1	0.7	5.9	4	36	0.05	0.5	0.1	45	0.49	0.041	12
1439403	8.9	43	0.1	44.5	12.9	366	2.43	8.8	0.6	5.2	3.4	60	0.05	0.5	0.1	52	0.86	0.067	13
1439404	4.3	141	0.2	66.4	21.4	449	2.98	13.2	1.1	5.1	3.8	62	0.9	0.4	0.05	120	1.86	0.307	11
1439405	5.9	42	0.05	145.6	25.1	439	2.64	6.5	0.7	4.2	2.9	46	0.1	0.3	0.1	47	1.6	0.069	9
1439406	5.5	43	0.05	193.2	32.9	320	3.29	2.8	0.5	4.1	3.5	59	0.05	0.1	0.05	57	0.99	0.078	10
1439407	8	45	0.05	37.2	13	312	2.26	8.1	0.9	3.5	2.9	64	0.1	0.4	0.05	52	0.69	0.07	11
1439408	6.5	41	0.05	22	8.4	196	2.04	6.7	0.7	3.2	4.2	24	0.05	0.5	0.1	43	0.29	0.025	13
1439409	6.6	38	0.05	26	8.6	196	1.94	7.6	0.8	1.2	3.7	27	0.05	0.4	0.1	42	0.31	0.029	13

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1439378	70	0.84	297	0.048	1	1.58	0.04	0.05	0.2	0.02	3.7	0.05	0.025	4	0.25	0.1
1439379	55	0.75	379	0.067	1	1.96	0.029	0.05	0.2	0.04	5.3	0.05	0.025	5	0.25	0.1
1439380	49	0.65	326	0.062	1	1.81	0.03	0.05	0.2	0.03	4.6	0.05	0.025	5	0.25	0.1
1439381	67	0.74	379	0.064	1	2.05	0.029	0.07	0.1	0.03	4.5	0.05	0.025	5	0.25	0.1
1439382	48	0.61	370	0.059	1	1.87	0.025	0.05	0.2	0.04	5.1	0.05	0.025	5	0.25	0.1
1439383	76	0.78	402	0.069	0	2.09	0.03	0.04	0.1	0.04	4	0.05	0.025	5	0.25	0.1
1439384	88	0.86	412	0.071	0	1.89	0.028	0.06	0.1	0.05	4.3	0.05	0.025	5	0.25	0.1
1439385	91	0.93	413	0.081	0	2.27	0.037	0.05	0.1	0.02	5.2	0.05	0.025	6	0.25	0.1
1439386	94	0.97	407	0.083	1	2.22	0.039	0.06	0.1	0.02	4.8	0.05	0.025	5	0.25	0.1
1439387	104	1.13	294	0.078	1	2.25	0.033	0.05	0.1	0.02	6.5	0.05	0.025	6	0.25	0.1
1439387	104	1.15	297	0.08	1	2.28	0.033	0.05	0.1	0.02	6.4	0.05	0.025	6	0.25	0.1
1439388	61	0.8	346	0.061	0	2.33	0.059	0.06	0.05	0.02	5.2	0.05	0.025	5	0.25	0.1
1439389	91	0.88	397	0.082	1	2.16	0.036	0.12	0.05	0.02	5.1	0.05	0.025	5	0.25	0.1
1439390	78	0.78	414	0.082	0	3	0.062	0.05	0.05	0.01	4.6	0.05	0.025	7	0.25	0.1
1439391	62	0.62	283	0.045	0	2.25	0.035	0.03	0.05	0.005	3.1	0.05	0.025	5	0.25	0.1
1439392	160	1.27	517	0.067	0	3.61	0.034	0.09	0.05	0.005	3.9	0.05	0.025	7	0.25	0.1
1439393	420	2.66	422	0.085	0	2.29	0.018	0.03	0.05	0.02	8	0.05	0.025	5	0.25	0.1
1439394	345	2.18	237	0.059	0	1.91	0.013	0.02	0.05	0.005	3.2	0.05	0.025	3	0.25	0.1
1439395	220	4.08	262	0.054	0	2.59	0.022	0.03	0.05	0.01	2.6	0.05	0.025	5	0.25	0.1
1439396	50	0.9	212	0.028	0	2.23	0.052	0.02	0.05	0.005	4.6	0.05	0.025	4	0.25	0.1
1439397	49	0.78	296	0.059	1	1.27	0.026	0.06	0.2	0.04	4.1	0.05	0.025	3	0.25	0.1
1439398	34	0.69	279	0.054	1	1.23	0.023	0.06	0.2	0.02	4.2	0.05	0.025	4	0.25	0.1
1439399	36	0.57	416	0.05	1	1.53	0.018	0.05	0.1	0.03	4.5	0.05	0.025	4	0.25	0.1
1439400	42	0.59	378	0.054	0	1.61	0.017	0.05	0.1	0.02	4	0.05	0.025	4	0.25	0.1
1439401	45	0.65	389	0.056	2	1.54	0.023	0.05	0.2	0.04	4.9	0.05	0.025	4	0.25	0.1
1439402	97	0.81	313	0.067	1	1.75	0.023	0.05	0.1	0.02	5.3	0.05	0.025	4	0.25	0.1
1439403	69	0.74	367	0.054	1	1.78	0.038	0.04	0.2	0.03	4.8	0.05	0.025	4	0.25	0.1
1439404	52	1.34	309	0.042	0	2.33	0.071	0.06	0.1	0.01	7.5	0.05	0.025	5	0.25	0.1
1439405	193	1.6	265	0.055	1	1.84	0.023	0.04	0.2	0.03	4.6	0.05	0.025	5	0.25	0.1
1439406	319	2.46	503	0.147	0	2.94	0.051	0.22	0.1	0.005	5.7	0.3	0.025	7	0.25	0.1
1439407	57	0.67	362	0.053	1	2.14	0.023	0.04	0.2	0.04	4.8	0.05	0.025	5	0.25	0.1
1439408	30	0.48	258	0.047	1	1.85	0.014	0.04	0.1	0.02	3.6	0.05	0.025	4	0.25	0.1
1439409	33	0.48	240	0.048	0	1.43	0.012	0.04	0.1	0.01	3.9	0.05	0.025	4	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1439410	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611696	7038128	-138.7596592	63.45399947		971
1439411	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611671	7038129	-138.7601595	63.45401628		961
1439412	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611647	7038129	-138.7606404	63.45402381		978
1439413	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611621	7038129	-138.7611614	63.45403197		964
1439414	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611595	7038128	-138.7616831	63.45403116		977
1439415	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611571	7038127	-138.7621648	63.45402971		1003
1439416	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611546	7038128	-138.762665	63.45404652		987
1439417	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611521	7038128	-138.763166	63.45405435		975
1439418	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611495	7038129	-138.7636863	63.45407147		976
1439419	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611470	7038129	-138.7641873	63.4540793		974
1439420	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611448	7038130	-138.7646275	63.45409516		965
1439421	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611420	7038128	-138.76519	63.45408599		972
1439422	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611397	7038129	-138.7656502	63.45410215		962
1439423	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611373	7038128	-138.7661318	63.4541007		980
1439424	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611345	7038129	-138.7666922	63.45411843		960
1439425	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611345	7038129	-138.7666922	63.45411843		957
1439425	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611345	7038129	-138.7666922	63.45411843		957
1439426	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611320	7038128	-138.7671939	63.45411728		935
1439427	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611296	7038129	-138.7676742	63.45413375		944
1439428	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611269	7038127	-138.7682166	63.45412426		937
1439429	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611246	7038128	-138.7686768	63.45414042		925
1439430	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611195	7038129	-138.7696981	63.45416533		912
1439431	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611170	7038129	-138.7701991	63.45417314		904
1439432	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611147	7038129	-138.77066	63.45418032		890
1439433	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611120	7038129	-138.7712011	63.45418875		915
1439434	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611094	7038128	-138.7717228	63.4541879		901
1439435	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611068	7038129	-138.7722431	63.45420498		898
1439436	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611045	7038128	-138.7727047	63.45420319		860
1439437	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	611020	7038128	-138.7732057	63.45421099		887
1439438	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	610995	7038127	-138.7737074	63.45420982		847
1439439	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	610970	7038129	-138.774207	63.45423555		861
1439440	BHC	Braeden Paun-Bur	10/20/2016 0:00	07N	610945	7038129	-138.774708	63.45424335		843
1439441	BHC	Braeden Paun-Bur	10/22/2016 0:00	07N	612123	7037731	-138.751382	63.45030499		876

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1439410	Auger	80	C	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Sand
1439411	Auger	50	B	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Sand
1439412	Auger	40	B	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Gravel
1439413	Auger	80	C	Subtle Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Sand
1439414	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Gravel
1439415	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Damp	Excellent	Sand
1439416	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Gravel
1439417	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Sand
1439418	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Sand
1439419	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Sand
1439420	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Sand
1439421	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Gravel
1439422	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Excellent	Gravel
1439423	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Sand
1439424	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Excellent	Sand
1439425	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Excellent	Sand
1439425	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Excellent	Sand
1439426	Auger	90	C	Pronounced Slope	Dark Blue Black	Old Burn	Bare Soil	Damp	Excellent	Sand
1439427	Auger	80	B	Pronounced Slope	Dark Blue Black	Black Spruce	Bare Soil	Damp	Good	Clay
1439428	Auger	80	B	Pronounced Slope	Dark Blue Black	Black Spruce	Reindeer Moss	Damp	Good	Clay
1439429	Auger	80	B	Pronounced Slope	Dark Blue Black	Black Spruce	Bare Soil	Damp	Good	Clay
1439430	Auger	90	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Damp	Good	Sand
1439431	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Excellent	Sand
1439432	Auger	80	B	Pronounced Slope	Dark Blue Black	Old Burn	Bare Soil	Damp	Good	Sand
1439433	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Damp	Good	Sand
1439434	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Damp	Good	Sand
1439435	Auger	90	C	Pronounced Slope	Dark Brown	Old Burn	Bare Soil	Damp	Good	Sand
1439436	Auger	80	C	Pronounced Slope	Dark Brown	Old Burn	Bare Soil	Damp	Good	Clay
1439437	Auger	90	C	Pronounced Slope	Dark Brown	Old Burn	Bare Soil	Damp	Good	Clay
1439438	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Damp	Good	Sand
1439439	Auger	50	B	Pronounced Slope	Dark Brown	Old Burn	Bare Soil	Damp	Good	Sand
1439440	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Gravel
1439441	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1439410				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	64.4
1439411				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	26.8
1439412	Organic 10%	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1	57.3
1439413	Outcrop Nearby			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	87.7
1439414				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.9	31.7
1439415				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.9	33.7
1439416				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	26.6
1439417				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.9	25.7
1439418				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	47.3
1439419				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	42.3
1439420				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.3	61.8
1439421				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.7	32.1
1439422				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	98.9
1439423				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	55.5
1439424				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	66.6
1439425				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	77.8
1439425				REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	75.9
1439426				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	107.5
1439427	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.2	51.4
1439428	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.2	65.5
1439429	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.2	116.4
1439430				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.3	129.3
1439431				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	78.6
1439432	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	116
1439433				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	78.1
1439434				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	97.5
1439435				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	55.9
1439436				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	43.5
1439437				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	51
1439438				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	38.5
1439439	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	41.9
1439440				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	52.5
1439441				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.2	28.4

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1439410	5	26	0.05	97.2	24.1	168	2.15	12	1	8.4	4.1	69	0.05	0.3	0.05	40	0.63	0.022	10
1439411	7.8	43	0.1	39.4	20.1	258	2.59	10.3	0.4	1.6	2.8	24	0.05	0.5	0.2	55	0.17	0.018	8
1439412	6.5	49	0.3	124.5	44.1	263	3.78	14.3	0.3	0.6	2	17	0.1	0.3	0.2	68	0.21	0.037	6
1439413	2.6	25	0.05	133.1	49.6	140	3.01	7.7	0.4	0.7	2.6	15	0.05	0.2	0.05	101	0.24	0.038	5
1439414	9.1	45	0.05	28.3	11.9	310	2.5	10.6	0.7	2.6	4.1	30	0.05	0.7	0.2	53	0.34	0.025	14
1439415	10.7	52	0.1	30	12.6	304	2.78	11.6	1.6	3.7	5.1	33	0.05	0.6	0.2	60	0.39	0.025	17
1439416	8.7	39	0.05	28.1	12.6	202	2.54	18.2	0.5	3.6	3.4	21	0.05	0.4	0.2	51	0.2	0.016	10
1439417	8.5	42	0.05	32.1	19.4	176	2.66	13.3	0.5	4	3.9	14	0.05	0.5	0.2	52	0.15	0.02	11
1439418	5	28	0.05	45.9	22.4	248	2.55	11.1	0.4	1.6	2.9	23	0.05	0.3	0.05	49	0.26	0.02	7
1439419	5.8	36	0.05	53.7	20.5	250	2.67	18.4	0.4	4.2	2.8	51	0.05	0.2	0.2	52	0.38	0.028	7
1439420	3.9	23	0.05	145.2	31.9	187	2.21	14.4	0.4	1.5	3.1	29	0.05	0.2	0.05	35	0.38	0.031	8
1439421	6.6	29	0.05	57.5	14.6	162	1.96	13.2	0.6	2.2	3.2	20	0.05	0.2	0.1	44	0.22	0.018	10
1439422	2.5	27	0.05	230.6	46.8	193	2.97	24.7	0.7	4.8	3.3	26	0.05	0.2	0.05	47	0.42	0.056	7
1439423	5.2	32	0.05	151.6	27.8	216	2.52	11.3	0.6	5.9	3.3	16	0.05	0.2	0.05	40	0.23	0.013	9
1439424	5.6	38	0.05	144.8	32.2	205	2.85	19.5	0.4	5.1	3.2	17	0.05	0.4	0.1	45	0.21	0.015	8
1439425	5.9	37	0.05	180.8	39.9	237	3.17	23.2	0.5	6.5	3.7	20	0.05	0.4	0.1	46	0.27	0.021	10
1439425	5.6	36	0.05	181.8	39.8	236	3.15	22.4	0.5	4.4	3.6	19	0.05	0.4	0.1	46	0.26	0.02	9
1439426	6.5	38	0.2	211.4	55.9	364	3.49	20.2	0.9	4.8	3.6	25	0.05	0.4	0.1	48	0.43	0.037	11
1439427	6.9	50	0.1	166.1	45.6	492	4.01	9.9	0.9	8	3.9	23	0.2	0.5	0.2	41	0.4	0.039	11
1439428	5	39	0.2	163.3	52.1	862	4.38	15.2	0.8	2.8	2.4	33	0.2	0.4	0.1	30	0.59	0.063	7
1439429	5.2	41	0.2	196.1	39.9	212	4.4	17.8	0.8	5	2.8	30	0.1	0.3	0.1	33	0.61	0.052	7
1439430	2.8	33	0.05	535.5	90.2	548	5.51	19.5	0.5	5.6	3.1	15	0.05	0.2	0.05	33	0.37	0.046	5
1439431	6	36	0.05	195.4	42.7	276	3.95	14.9	0.4	2.4	2.4	20	0.05	0.3	0.1	48	0.3	0.014	7
1439432	5.1	39	0.1	271.5	57.3	476	4.05	22	1	5.3	3.1	31	0.1	0.4	0.1	47	0.62	0.026	10
1439433	5.8	38	0.2	242.1	47.2	599	3.69	33.8	0.8	6.7	2.9	36	0.2	0.5	0.1	41	0.57	0.031	9
1439434	6.7	45	0.2	187.2	46	435	2.91	50	1.1	9.7	3.3	34	0.2	0.5	0.2	38	0.65	0.037	13
1439435	8.6	62	0.1	105.1	22.3	341	2.83	16.3	1	4.2	3.7	31	0.3	0.7	0.2	41	0.54	0.051	13
1439436	9.8	56	0.1	86.6	19.8	354	2.61	14.1	0.9	4.4	3.5	28	0.2	0.6	0.2	38	0.47	0.051	12
1439437	8.5	48	0.1	98.6	24.5	463	2.64	11.9	1.1	4.9	3	34	0.2	0.7	0.2	40	0.58	0.046	12
1439438	8.3	51	0.1	75.1	19.5	453	2.53	12.2	0.8	2.4	3	34	0.2	0.5	0.1	38	0.56	0.048	11
1439439	7.9	42	0.1	79	20	317	2.55	13.8	0.9	8.5	3	32	0.1	0.5	0.2	38	0.55	0.041	11
1439440	8.1	46	0.1	90.7	24.7	503	2.73	14.1	0.9	3.7	2.9	33	0.1	0.6	0.2	42	0.55	0.042	11
1439441	4.4	24	0.05	35.8	10.3	184	1.77	4.9	0.4	3.5	1.9	113	0.05	0.2	0.05	39	0.75	0.071	7

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1439410	89	0.79	238	0.032	0	2.62	0.048	0.03	0.05	0.02	5.4	0.05	0.025	5	0.25	0.1
1439411	36	0.58	249	0.035	0	2.78	0.008	0.05	0.1	0.02	2.6	0.05	0.025	6	0.25	0.1
1439412	150	1.24	158	0.056	0	2.4	0.005	0.04	0.1	0.02	2.5	0.05	0.025	7	0.25	0.1
1439413	214	0.82	157	0.141	0	1.76	0.005	0.07	0.05	0.005	4.8	0.05	0.025	4	0.25	0.1
1439414	38	0.58	354	0.052	0	1.79	0.014	0.04	0.2	0.02	5.1	0.05	0.025	5	0.25	0.1
1439415	44	0.58	344	0.055	1	2.56	0.017	0.05	0.2	0.04	6	0.1	0.025	6	0.25	0.1
1439416	40	0.55	241	0.045	0	2.27	0.008	0.03	0.1	0.02	3.1	0.05	0.025	6	0.25	0.1
1439417	48	0.56	209	0.05	1	2.32	0.008	0.04	0.2	0.02	3.2	0.1	0.025	5	0.25	0.1
1439418	86	0.89	234	0.045	0	1.96	0.008	0.02	0.05	0.005	5.2	0.05	0.025	5	0.25	0.1
1439419	106	0.93	510	0.065	0	2.72	0.018	0.03	0.05	0.02	3.2	0.1	0.025	6	0.25	0.1
1439420	222	1.42	349	0.06	0	1.62	0.012	0.05	0.05	0.01	2.9	0.1	0.025	4	0.25	0.1
1439421	114	0.68	205	0.054	0	1.5	0.008	0.03	0.1	0.02	2.8	0.1	0.025	5	0.25	0.1
1439422	219	1.35	139	0.043	0	1.5	0.009	0.02	0.05	0.005	3.6	0.05	0.025	4	0.25	0.1
1439423	181	1.14	219	0.035	0	1.52	0.007	0.02	0.05	0.01	4	0.05	0.025	3	0.25	0.1
1439424	141	1.15	181	0.045	0	1.72	0.008	0.03	0.05	0.005	2.8	0.05	0.025	4	0.25	0.1
1439425	208	1.59	228	0.051	0	1.99	0.01	0.03	0.1	0.01	3.7	0.05	0.025	5	0.25	0.1
1439425	196	1.59	214	0.05	0	1.95	0.009	0.03	0.05	0.01	3.7	0.05	0.025	4	0.25	0.1
1439426	190	1.62	321	0.055	1	1.86	0.01	0.04	0.1	0.03	4.6	0.05	0.025	4	0.6	0.1
1439427	204	1.66	333	0.05	1	1.34	0.016	0.04	0.1	0.05	4.1	0.05	0.025	3	0.25	0.1
1439428	144	1.74	333	0.039	3	1.12	0.014	0.03	0.05	0.07	2.7	0.05	0.09	3	0.6	0.1
1439429	177	2.02	296	0.046	3	1.22	0.014	0.03	0.1	0.06	3.3	0.05	0.07	3	0.5	0.1
1439430	293	5.46	208	0.073	0	1.82	0.01	0.07	0.05	0.02	3.4	0.1	0.025	4	0.25	0.1
1439431	162	1.7	200	0.058	0	1.9	0.014	0.04	0.1	0.01	3.1	0.05	0.025	4	0.25	0.1
1439432	219	2.04	264	0.054	2	1.81	0.012	0.04	0.1	0.04	5.2	0.05	0.025	4	0.7	0.1
1439433	195	1.84	307	0.052	1	1.74	0.011	0.03	0.05	0.04	4.3	0.05	0.025	4	0.5	0.1
1439434	136	1.13	231	0.045	1	1.51	0.011	0.04	0.2	0.05	5.2	0.05	0.025	3	0.8	0.1
1439435	81	0.91	335	0.047	2	1.38	0.014	0.04	0.2	0.03	3.7	0.05	0.025	4	0.6	0.1
1439436	66	0.8	307	0.044	1	1.27	0.014	0.04	0.2	0.05	3.4	0.05	0.025	3	0.5	0.1
1439437	72	0.81	351	0.041	1	1.26	0.013	0.04	0.2	0.04	3.5	0.05	0.025	3	0.6	0.1
1439438	71	0.8	299	0.043	1	1.29	0.013	0.04	0.1	0.04	3.4	0.05	0.025	4	0.5	0.1
1439439	70	0.77	275	0.041	1	1.25	0.012	0.03	0.2	0.04	3.2	0.05	0.025	3	0.5	0.1
1439440	76	0.76	319	0.042	0	1.44	0.011	0.03	0.1	0.04	3.9	0.05	0.025	4	0.5	0.1
1439441	71	0.95	436	0.03	1	2.03	0.039	0.03	0.05	0.005	4	0.05	0.025	4	0.25	0.1



sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1439442	BHC	Braeden Paun-Bur	10/22/2016 0:00	07N	612098	7037730	-138.7518836	63.45030389		849
1439443	BHC	Braeden Paun-Bur	10/22/2016 0:00	07N	612071	7037730	-138.7524246	63.4503124		862
1439444	BHC	Braeden Paun-Bur	10/22/2016 0:00	07N	612048	7037730	-138.7528854	63.45031964		869
1439445	BHC	Braeden Paun-Bur	10/22/2016 0:00	07N	612023	7037729	-138.753387	63.45031854		832
1439446	BHC	Braeden Paun-Bur	10/22/2016 0:00	07N	611973	7037730	-138.7543881	63.45034324		829
1439447	BHC	Braeden Paun-Bur	10/22/2016 0:00	07N	611947	7037729	-138.7549098	63.45034245		835
1439447	BHC	Braeden Paun-Bur	10/22/2016 0:00	07N	611947	7037729	-138.7549098	63.45034245		835
1439448	BHC	Braeden Paun-Bur	10/22/2016 0:00	07N	611922	7037731	-138.7554093	63.45036825		869
1439449	BHC	Braeden Paun-Bur	10/22/2016 0:00	07N	611866	7037722	-138.7565433	63.450305		886
1439451	BHC	Braeden Paun-Bur	10/22/2016 0:00	07N	611847	7037730	-138.7569127	63.45038285		883
1439452	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	617943	7038139	-138.6344767	63.45208278		1165
1439453	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	617968	7038135	-138.6339788	63.45203863		1169
1439454	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	617995	7038135	-138.6334378	63.45202968		1158
1439455	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	618019	7038136	-138.6329562	63.45203069		1150
1439456	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	618044	7038134	-138.6324568	63.45200446		1161
1439457	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	618068	7038135	-138.6319752	63.45200547		1148
1439458	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	618094	7038136	-138.6314535	63.45200581		1173
1439459	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	618119	7038136	-138.6309526	63.45199751		1163
1439460	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	618143	7038136	-138.6304717	63.45198955		1160
1439461	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	618169	7038136	-138.6299508	63.45198092		1164
1439462	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	618194	7038136	-138.6294499	63.45197262		1167
1439463	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	618218	7038136	-138.628969	63.45196465		1154
1439464	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	618246	7038136	-138.628408	63.45195534		1156
1439465	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	618272	7038135	-138.6278879	63.45193774		1167
1439466	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	618295	7038135	-138.627427	63.4519301		1134
1439467	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	618321	7038133	-138.6269076	63.45190352		1137
1439468	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	618344	7038135	-138.6264453	63.45191381		1135
1439469	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	618370	7038136	-138.6259236	63.45191413		1147
1439470	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	618394	7038135	-138.6254435	63.45189718		1155
1439471	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	618420	7038136	-138.6249218	63.4518975		1118
1439472	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	618471	7038136	-138.6239	63.45188052		1095
1439473	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	618495	7038136	-138.6234191	63.45187253		1068
1439474	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	618521	7038136	-138.6228982	63.45186388		1080

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1439442	Auger	90	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Damp	Excellent	Sand
1439443	Auger	90	B	Pronounced Slope	Dark Brown	Alders	Bare Soil	Damp	Good	Clay
1439444	Auger	90	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1439445	Auger	80	C	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Damp	Good	Sand
1439446	Auger	100	C	Pronounced Slope	Chocolate Brown	Birch Forest	Bare Soil	Damp	Good	Sand
1439447	Auger	90	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Damp	Good	Sand
1439447	Auger	90	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Damp	Good	Sand
1439448	Auger	70	C	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Damp	Excellent	Gravel
1439449	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Damp	Good	Sand
1439451	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Sand
1439452	Auger	70	C	Pronounced Slope	Chocolate Brown	No Tree Cover	Bare Soil	Damp	Good	Sand
1439453	Auger	70	C	Pronounced Slope	Chocolate Brown	No Tree Cover	Bare Soil	Damp	Good	Sand
1439454	Auger	70	C	Pronounced Slope	Chocolate Brown	No Tree Cover	Bare Soil	Dry	Good	Sand
1439455	Auger	40	B	Pronounced Slope	Chocolate Brown	No Tree Cover	Bare Soil	Dry	Good	Sand
1439456	Auger	50	B	Pronounced Slope	Reddish Brown	No Tree Cover	Bare Soil	Dry	Good	Sand
1439457	Auger	50	B	Pronounced Slope	Chocolate Brown	No Tree Cover	Bare Soil	Dry	Good	Sand
1439458	Auger	40	B	Pronounced Slope	Chocolate Brown	No Tree Cover	Bare Soil	Dry	Good	Gravel
1439459	Auger	60	C	Subtle Slope	Chocolate Brown	No Tree Cover	Bare Soil	Dry	Good	Sand
1439460	Auger	60	B	Pronounced Slope	Chocolate Brown	No Tree Cover	Bare Soil	Dry	Good	Sand
1439461	Auger	70	C	Pronounced Slope	Chocolate Brown	No Tree Cover	Bare Soil	Dry	Good	Sand
1439462	Auger	80	C	Pronounced Slope	Chocolate Brown	No Tree Cover	Bare Soil	Dry	Good	Sand
1439463	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Sand
1439464	Auger	60	C	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Gravel
1439465	Auger	30	B	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Poor	Gravel
1439466	Auger	50	C	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Gravel
1439467	Auger	70	C	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Gravel
1439468	Auger	70	C	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Damp	Excellent	Gravel
1439469	Auger	80	C	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Damp	Excellent	Gravel
1439470	Auger	40	B	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Sand
1439471	Auger	70	B	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Sand
1439472	Auger	60	C	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Damp	Excellent	Sand
1439473	Auger	60	B	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Excellent	Sand
1439474	Auger	80	C	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1439442				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.3	51.5
1439443				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.4	29.8
1439444				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.4	44.6
1439445				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.5	38
1439446				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.3	85
1439447				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.4	67.5
1439447				REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.3	71.1
1439448				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.6	52.3
1439449				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.6	46
1439451				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.5	60.8
1439452				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.6	19.1
1439453				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.1	23.6
1439454				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.3	22.2
1439455				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.4	17.7
1439456				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.6	12.9
1439457				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	2.3	31.1
1439458				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	2	13.5
1439459				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.3	20.1
1439460				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.1	11.3
1439461				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.3	15.1
1439462				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.6	20.2
1439463				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.6	12.1
1439464				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.7	15.2
1439465	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	2.1	12.4
1439466				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.5	19.7
1439467				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.4	18.3
1439468				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1	23.2
1439469				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1	22.5
1439470				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.1	12.8
1439471				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.5	20
1439472				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.2	13.4
1439473				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.2	14
1439474				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.1	21.6

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1439442	7.1	73	0.2	84	15.2	275	2.51	7.1	0.7	3.2	3	46	0.3	0.4	0.1	65	1.36	0.11	13
1439443	6.5	43	0.1	36.3	10	505	1.93	6.8	1	1.9	1.6	67	0.3	0.5	0.1	40	1.44	0.07	11
1439444	9.1	38	0.1	43.2	15.8	325	2.42	9.9	1.1	2.8	3	60	0.05	0.4	0.1	57	0.69	0.067	14
1439445	9.6	40	0.05	30	11.8	396	2.51	11	1.4	3.6	4	46	0.05	0.5	0.1	53	0.54	0.045	16
1439446	5.3	30	0.2	130	29	336	2.46	15.7	2.4	2.6	2.9	56	0.1	0.3	0.1	59	0.97	0.036	15
1439447	7.2	40	0.1	190.4	24.1	341	2.73	18.7	1	13.9	3.8	58	0.05	0.4	0.1	60	0.76	0.045	13
1439447	7.3	41	0.1	201	25.7	331	2.71	18.6	1	7.1	3.9	55	0.05	0.4	0.1	60	0.77	0.044	12
1439448	8.7	30	0.05	63.4	19.6	191	2.44	14.4	0.6	3.5	4.1	46	0.05	0.4	0.1	55	0.5	0.015	12
1439449	8.5	46	0.1	51.5	20.3	488	2.86	14.3	0.9	2.9	4.1	43	0.05	0.5	0.1	57	0.73	0.022	15
1439451	3.8	17	0.05	86.8	23.6	140	2.19	8.2	0.8	2.8	3.5	68	0.05	0.2	0.05	50	0.64	0.033	9
1439452	13	59	0.1	17.8	8.9	329	2.67	8.3	1.3	2.1	8.7	10	0.1	0.6	0.2	47	0.11	0.031	20
1439453	12.1	60	0.05	18.7	9.2	353	2.65	9.4	1.4	1.2	9.7	15	0.05	0.6	0.2	44	0.14	0.025	29
1439454	11	57	0.05	17.3	8.2	346	2.48	7.5	1.5	4	9	15	0.1	0.5	0.2	42	0.15	0.025	31
1439455	14.5	27	0.2	8.9	3.2	148	1.44	3.6	1.3	0.25	0.4	16	0.3	0.3	0.3	36	0.12	0.079	41
1439456	11.9	54	0.05	15.1	6.6	260	3.01	7.5	1.2	0.5	8.3	9	0.1	0.6	0.2	47	0.1	0.035	17
1439457	19.9	43	0.7	15.2	5.5	195	3	8.4	2.5	3.6	1.2	13	0.6	0.9	0.3	49	0.12	0.15	38
1439458	11.6	46	0.05	13.4	5.8	257	3.04	10.6	0.6	0.25	3.4	9	0.2	0.5	0.2	56	0.08	0.036	14
1439459	16.7	49	0.1	20.9	9.1	268	2.79	8.3	1.3	2.6	8.2	13	0.2	0.6	0.2	51	0.15	0.052	41
1439460	18.5	38	0.05	10	3.7	114	2.43	8.3	0.8	4.6	1.5	12	0.1	0.5	0.4	57	0.12	0.029	20
1439461	11.6	49	0.05	16.8	7.2	236	2.61	9.7	0.8	2.5	7.1	11	0.1	0.6	0.2	48	0.12	0.033	16
1439462	13.2	60	0.05	21.1	10	353	3.1	10.5	1.2	4.3	12.4	11	0.1	0.7	0.2	52	0.11	0.028	18
1439463	14.8	31	0.1	8.2	4.1	186	1.7	3.6	1	1.3	0.6	12	0.2	0.3	0.3	44	0.1	0.041	25
1439464	14.9	57	0.05	15.9	8.9	347	2.73	7.3	1.4	2.4	6	12	0.1	0.5	0.3	57	0.13	0.043	24
1439465	12.7	57	0.05	14.4	6.9	303	3.19	9.9	0.9	1.2	5.5	8	0.1	0.6	0.3	58	0.08	0.042	13
1439466	13.1	66	0.05	22.2	11.1	365	3.1	10.5	1.6	3.2	11.1	11	0.1	0.6	0.3	55	0.12	0.035	17
1439467	13.4	64	0.05	21	10.3	401	2.88	8.6	1.2	4.3	10.5	14	0.05	0.7	0.2	48	0.14	0.039	20
1439468	10.5	57	0.05	20.3	8.4	307	2.49	8.5	1.4	46.6	9.9	12	0.1	0.7	0.2	43	0.12	0.029	25
1439469	11.3	57	0.05	18.9	8.1	289	2.62	9.4	1.8	5.8	9.2	13	0.1	0.6	0.2	47	0.14	0.039	24
1439470	10.4	47	0.05	13.7	6.4	258	2.19	5.6	1.2	5.8	1.8	9	0.1	0.4	0.2	40	0.1	0.052	22
1439471	15.5	62	0.1	17.9	10.7	593	2.78	7.4	2.3	1.2	3.5	15	0.3	0.4	0.3	50	0.17	0.066	35
1439472	12.6	54	0.05	14.9	7.2	308	2.59	8	1.6	6.1	8.8	12	0.1	0.5	0.2	47	0.14	0.051	26
1439473	14	45	0.1	13.2	5.7	214	2.38	7	1.7	1.3	2.4	14	0.1	0.4	0.2	46	0.12	0.076	26
1439474	15.2	46	0.2	15.3	6.6	284	2.23	5.8	2.2	0.7	0.8	14	0.3	0.3	0.2	43	0.14	0.073	33

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1439442	110	1.57	261	0.054	3	1.78	0.027	0.04	0.2	0.03	5.8	0.05	0.025	4	0.25	0.1
1439443	44	0.67	355	0.042	2	1.36	0.018	0.03	0.1	0.05	3.5	0.05	0.025	4	0.5	0.1
1439444	64	0.58	360	0.052	1	2.23	0.021	0.03	0.1	0.05	6.3	0.05	0.025	5	0.25	0.1
1439445	38	0.52	382	0.054	0	2.01	0.018	0.04	0.2	0.05	5.7	0.05	0.025	5	0.25	0.1
1439446	164	1.2	248	0.07	1	2.14	0.021	0.03	0.1	0.02	4.1	0.05	0.025	5	0.25	0.1
1439447	120	1.26	452	0.094	1	2.53	0.036	0.06	0.2	0.03	5.2	0.05	0.025	6	0.25	0.1
1439447	125	1.29	444	0.094	1	2.53	0.037	0.06	0.2	0.03	4.9	0.05	0.025	6	0.25	0.1
1439448	98	0.84	236	0.053	1	2.08	0.014	0.03	0.2	0.02	6	0.05	0.025	5	0.25	0.1
1439449	68	0.76	327	0.069	1	2.15	0.018	0.04	0.2	0.04	7	0.05	0.025	5	0.25	0.1
1439451	149	0.66	202	0.061	1	2.13	0.045	0.03	0.05	0.01	10.2	0.05	0.025	4	0.25	0.1
1439452	27	0.52	180	0.064	2	1.73	0.006	0.08	0.2	0.06	4.1	0.2	0.025	6	0.25	0.1
1439453	29	0.55	216	0.065	1	1.59	0.007	0.08	0.2	0.08	5.3	0.1	0.025	5	0.25	0.1
1439454	24	0.54	216	0.073	1	1.44	0.007	0.1	0.2	0.04	4.2	0.2	0.025	5	0.25	0.1
1439455	16	0.16	324	0.036	1	1.01	0.007	0.06	0.2	0.07	1.5	0.1	0.025	6	0.25	0.1
1439456	25	0.57	106	0.091	0	1.46	0.005	0.13	0.2	0.03	3.4	0.2	0.025	6	0.25	0.1
1439457	27	0.34	253	0.03	1	1.8	0.008	0.07	0.2	0.12	1.9	0.1	0.025	7	0.5	0.1
1439458	25	0.35	156	0.063	0	1.37	0.006	0.08	0.2	0.03	2.7	0.1	0.025	7	0.25	0.1
1439459	35	0.57	222	0.06	1	1.86	0.007	0.1	0.1	0.04	3.4	0.2	0.025	6	0.25	0.1
1439460	22	0.28	191	0.042	1	1.15	0.005	0.05	0.1	0.03	1.7	0.1	0.025	7	0.25	0.1
1439461	25	0.48	134	0.068	1	1.53	0.006	0.06	0.2	0.03	3.2	0.1	0.025	5	0.5	0.1
1439462	35	0.61	178	0.084	1	1.98	0.006	0.1	0.2	0.03	4.4	0.2	0.025	6	0.25	0.1
1439463	20	0.34	189	0.062	0	1.04	0.006	0.14	0.05	0.03	1.5	0.2	0.025	7	0.25	0.1
1439464	32	0.7	218	0.105	1	1.56	0.006	0.23	0.3	0.03	4.1	0.3	0.025	8	0.25	0.1
1439465	32	0.5	106	0.081	1	1.38	0.006	0.09	0.3	0.04	3.1	0.2	0.025	7	0.25	0.1
1439466	36	0.66	170	0.087	1	1.87	0.007	0.11	0.3	0.04	4	0.2	0.025	6	0.25	0.1
1439467	32	0.58	175	0.077	1	1.76	0.006	0.12	0.2	0.07	4.1	0.2	0.025	5	0.25	0.1
1439468	28	0.5	176	0.07	2	1.44	0.006	0.08	0.3	0.07	4.1	0.2	0.025	5	0.25	0.1
1439469	29	0.51	198	0.067	2	1.56	0.006	0.07	0.3	0.07	4.5	0.1	0.025	5	0.25	0.1
1439470	27	0.45	146	0.059	1	1.32	0.006	0.12	0.2	0.03	2.4	0.2	0.025	5	0.25	0.1
1439471	34	0.54	250	0.063	2	1.69	0.007	0.15	0.3	0.06	3.4	0.2	0.025	7	0.5	0.1
1439472	29	0.48	156	0.076	1	1.55	0.006	0.1	0.3	0.04	3.5	0.2	0.025	6	0.25	0.1
1439473	28	0.42	192	0.056	1	1.5	0.007	0.08	0.2	0.06	3	0.2	0.025	6	0.25	0.1
1439474	24	0.39	236	0.038	1	1.37	0.007	0.08	0.1	0.04	1.8	0.1	0.025	6	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1439475	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	618521	7038136	-138.6228982	63.45186388		1017
1439476	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	618572	7038135	-138.6218771	63.45183793		1056
1439477	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	618621	7038136	-138.6208947	63.45183057		1026
1439478	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	618651	7038134	-138.6203003	63.4518008		1030
1439479	BHC	Braeden Paun-Bur	10/23/2016 0:00	07N	618696	7038136	-138.619392	63.45180556		1003
1439501	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	612889	7035861	-138.7373584	63.43329324		798
1439502	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	612915	7035863	-138.7368364	63.43330294		792
1439503	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	612939	7035863	-138.7363558	63.43329533		800
1439504	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	612965	7035862	-138.7358359	63.43327812		804
1439505	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	612990	7035863	-138.7353345	63.43327915		803
1439506	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613016	7035862	-138.7348146	63.43326194		815
1439506	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613016	7035862	-138.7348146	63.43326194		815
1439507	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613038	7035863	-138.7343734	63.43326393		828
1439508	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613064	7035863	-138.7338528	63.43325567		827
1439509	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613092	7035861	-138.7332935	63.43322885		823
1439510	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613115	7035862	-138.7328322	63.43323052		813
1439511	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613141	7035863	-138.7323109	63.43323123		824
1439512	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613164	7035864	-138.7318496	63.43323289		833
1439513	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613190	7035862	-138.7313304	63.43320669		835
1439514	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613206	7035850	-138.7310247	63.4330961		773
1439515	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613242	7035863	-138.7302884	63.43319913		818
1439516	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613264	7035862	-138.7298486	63.43318317		806
1439517	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613292	7035863	-138.7292872	63.43318323		803
1439518	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613317	7035863	-138.7287866	63.43317528		803
1439519	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613341	7035862	-138.7283068	63.43315868		805
1439520	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613367	7035863	-138.7277854	63.43315937		786
1439521	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613390	7035863	-138.7273249	63.43315205		806
1439522	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613416	7035862	-138.726805	63.43313481		802
1439523	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613448	7035859	-138.7261681	63.4331006		800
1439524	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613465	7035862	-138.7258238	63.4331192		804
1439525	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613465	7035862	-138.7258238	63.4331192	1439524	817
1439526	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613490	7035862	-138.7253232	63.43311124		789
1439527	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613515	7035861	-138.7248233	63.4330943		800

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1439475	Auger	60	C	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Excellent	Sand
1439476	Auger	80	C	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Sand
1439477	Auger	50	C	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Sand
1439478	Auger	60	B	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Sand
1439479	Auger	60	B	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Sand
1439501	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Clay
1439502	Auger	80	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Silt
1439503	Auger	40	C	Subtle Slope	Light Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Silt
1439504	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Silt
1439505	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Excellent	Silt
1439506	Auger	100	C	Subtle Slope	Reddish Yellow	Old Burn	Burnt Moss	Dry	Excellent	Silt
1439506	Auger	100	C	Subtle Slope	Reddish Yellow	Old Burn	Burnt Moss	Dry	Excellent	Silt
1439507	Auger	60	C	Subtle Slope	Reddish Yellow	Old Burn	Burnt Moss	Dry	Excellent	Silt
1439508	Auger	30	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Silt
1439509	Auger	60	C	Flat	Light Brown	Old Burn	Burnt Moss	Dry	Excellent	Silt
1439510	Auger	70	C	Flat	Chocolate Brown	Old Burn	Burnt Moss	Dry	Excellent	Silt
1439511	Auger	50	C	Flat	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Silt
1439512	Auger	60	C	Flat	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439513	Auger	80	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Excellent	Silt
1439514	Auger	40	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Good	Silt
1439515	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Silt
1439516	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Silt
1439517	Auger	90	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Silt
1439518	Auger	100	C	Subtle Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Excellent	Silt
1439519	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Good	Silt
1439520	Auger	80	C	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Good	Silt
1439521	Auger	80	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439522	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Good	Silt
1439523	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Good	Silt
1439524	Auger	60	B	Subtle Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1439525	Auger	60	B	Subtle Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1439526	Auger	40	C	Subtle Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1439527	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Excellent	Silt

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1439475				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.4	19.1
1439476				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.1	15.6
1439477				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.1	12.8
1439478				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1	12.3
1439479				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	2	11.7
1439501				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.7	28
1439502				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	29.4
1439503	Quartz Chips			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	27.9
1439504	Small Sample			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	24.4
1439505				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	24.4
1439506				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	30.8
1439506				REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	31.6
1439507				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	32.6
1439508				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.3	20.4
1439509				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.2	12.8
1439510				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	2.4	55.9
1439511				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	32
1439512				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.3	29.2
1439513				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	22.5
1439514				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.6	64.7
1439515				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.9	25.4
1439516				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	26.4
1439517				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	26.9
1439518				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	30.4
1439519				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	63.9
1439520				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	32.1
1439521				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	53.7
1439522				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	44.4
1439523				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.2	39.6
1439524				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	47
1439525				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	38.2
1439526				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	36.8
1439527				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	31.8



sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1439475	15.7	50	0.2	15.4	7.6	347	2.44	7.5	1.9	1.5	2.7	15	0.2	0.4	0.3	49	0.16	0.069	29
1439476	13.9	55	0.05	14.5	8.7	405	2.65	7.3	2.3	4.5	6.1	14	0.2	0.5	0.2	55	0.15	0.055	36
1439477	12.4	54	0.05	13.5	6.7	292	2.62	8.5	2.5	4.4	9	13	0.05	0.4	0.2	53	0.15	0.046	36
1439478	11.3	52	0.05	13	6.4	299	2.49	6.6	2.5	2.3	9.9	13	0.05	0.5	0.2	48	0.14	0.037	38
1439479	16.6	54	0.1	10.9	6.3	330	2.57	6.4	3.1	4	9.9	13	0.05	0.5	0.3	53	0.14	0.041	55
1439501	14.2	68	0.1	22.8	8.4	243	2.72	24.6	1.2	7.4	8.8	19	0.05	0.8	0.2	43	0.25	0.027	27
1439502	18.7	96	0.05	28	10.9	513	3.72	47.7	2.2	12	18.4	13	0.05	1	0.3	39	0.23	0.043	42
1439503	17.8	105	0.05	22.8	10.1	330	3.71	83.6	1.5	15.3	14.3	10	0.05	1	0.3	36	0.06	0.029	37
1439504	16.8	76	0.1	21.2	8.9	259	3.17	57.5	1.5	15.7	11.8	13	0.05	1	0.3	38	0.08	0.022	31
1439505	14.4	78	0.1	21.8	9.4	379	3.46	56.6	1.4	11.3	13.1	14	0.05	0.7	0.2	37	0.11	0.022	40
1439506	28	110	0.1	24	16.1	327	3.31	215.5	2.9	31.7	20.3	16	0.2	2.5	0.3	25	0.12	0.034	39
1439506	29.4	112	0.1	25	16.5	327	3.35	224.9	3	31.4	21.3	18	0.2	2.5	0.3	25	0.12	0.036	41
1439507	23.6	55	0.4	15.2	8.8	167	2.84	183.8	2	36.5	19.7	41	0.1	1.7	0.4	17	0.08	0.043	75
1439508	10.5	89	0.1	26	11.7	315	3.44	27.3	0.9	1.8	5.8	14	0.2	1	0.2	58	0.16	0.039	14
1439509	13.2	60	0.3	24.5	8	1188	2.83	18.4	0.8	5.3	6.6	58	0.2	0.7	0.05	46	12.83	0.052	27
1439510	13.1	72	0.05	31	12.1	845	2.91	27.1	2.7	2.1	11.4	17	0.1	0.6	0.3	42	0.08	0.022	26
1439511	23.7	80	0.05	29.2	14.4	481	4.2	5.2	0.7	0.6	15.6	12	0.05	0.4	0.4	48	0.19	0.037	16
1439512	13	83	0.05	32.3	15.6	368	4.55	2.1	1.4	0.9	29.4	23	0.05	0.1	0.4	56	0.29	0.041	113
1439513	13.5	65	0.05	26.4	15.4	274	3.17	2.8	1.7	1.1	27.7	9	0.05	0.2	0.4	27	0.16	0.032	104
1439514	9.3	111	0.05	52.8	23.7	521	5.37	4.8	0.9	1	9.6	7	0.05	0.4	0.6	58	0.1	0.025	7
1439515	21.1	73	0.05	26.8	12.8	304	3.8	12.1	2	0.6	20.9	8	0.05	0.4	0.4	31	0.1	0.021	37
1439516	10	51	0.05	28.6	11.9	228	3.24	5.2	1.5	1.1	13.2	9	0.05	0.4	0.3	36	0.11	0.025	33
1439517	18.3	96	0.05	32.8	14.3	287	4.43	4.5	1.1	0.8	22.5	9	0.05	0.2	0.3	38	0.17	0.051	27
1439518	19.4	85	0.05	30.6	14.2	426	3.47	9.2	2.4	1.6	19.7	11	0.05	0.4	0.3	26	0.18	0.034	64
1439519	18.3	101	0.05	40.6	17.5	316	5.05	7	2.7	0.6	18.9	9	0.05	0.6	0.4	43	0.1	0.026	83
1439520	20.7	82	0.05	33.1	15.9	499	4.13	4.6	0.7	0.7	21.3	10	0.05	0.4	0.2	38	0.13	0.025	57
1439521	14.2	93	0.05	36.8	16.3	424	4.35	8.2	2.6	4.1	15.3	9	0.05	1.8	0.3	39	0.12	0.026	51
1439522	22.8	93	0.05	36.4	16.7	432	4.68	7.6	1.7	0.7	18.4	10	0.05	0.7	0.5	42	0.18	0.044	15
1439523	13	69	0.05	32.1	13.7	538	3.41	9.2	1.1	1.8	6.3	12	0.05	0.7	0.3	49	0.14	0.019	17
1439524	15.2	92	0.05	40.6	16.9	329	4.56	7.5	1.7	1.9	22.2	11	0.05	0.6	0.3	42	0.17	0.029	82
1439525	12.6	79	0.05	34.6	14.8	254	4.15	6.7	1.3	2.2	18.8	11	0.05	0.5	0.3	43	0.17	0.028	63
1439526	14.9	77	0.05	32.6	15	373	4.28	8.5	0.9	1.1	15.3	11	0.05	0.9	0.3	47	0.13	0.024	18
1439527	14.6	87	0.05	32.4	14	462	4.53	11.8	1.4	3	25.7	10	0.05	1.6	0.2	59	0.15	0.016	64

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1439475	28	0.44	229	0.056	0	1.43	0.007	0.11	0.2	0.03	2.8	0.2	0.025	6	0.25	0.1
1439476	28	0.55	183	0.069	1	1.73	0.007	0.11	0.2	0.03	3.4	0.2	0.025	6	0.25	0.1
1439477	27	0.52	166	0.064	1	1.78	0.006	0.09	0.3	0.03	3.6	0.2	0.025	6	0.25	0.1
1439478	24	0.54	151	0.076	1	1.64	0.008	0.15	0.3	0.03	3.4	0.2	0.025	5	0.25	0.1
1439479	22	0.47	175	0.069	1	1.68	0.007	0.16	0.3	0.07	3.4	0.2	0.025	7	0.25	0.1
1439501	31	0.54	219	0.089	0	1.54	0.009	0.22	0.1	0.02	4.5	0.2	0.025	5	0.25	0.1
1439502	38	0.87	186	0.175	0	2.19	0.007	0.89	0.05	0.02	4.9	0.6	0.025	7	0.25	0.1
1439503	34	0.73	121	0.148	0	2.08	0.005	0.6	0.05	0.02	4.1	0.5	0.025	7	0.25	0.1
1439504	34	0.63	138	0.136	0	1.93	0.006	0.46	0.05	0.02	3.6	0.4	0.025	6	0.25	0.1
1439505	35	0.74	177	0.177	0	2.01	0.007	0.7	0.05	0.01	4.5	0.6	0.07	7	0.25	0.1
1439506	25	0.56	95	0.1	0	1.48	0.008	0.56	0.05	0.03	4.4	0.4	0.05	5	0.25	0.1
1439506	26	0.56	97	0.105	0	1.48	0.008	0.56	0.05	0.03	4.7	0.4	0.05	5	0.25	0.1
1439507	18	0.41	116	0.046	0	1.08	0.028	0.3	0.05	0.02	3.1	0.3	0.28	4	0.25	0.1
1439508	35	0.53	159	0.091	0	1.69	0.004	0.32	0.05	0.01	2.5	0.3	0.025	5	0.25	0.1
1439509	32	1.95	318	0.047	0	1.48	0.004	0.07	0.05	0.03	3.7	0.4	0.025	3	0.25	0.1
1439510	23	0.22	127	0.024	0	0.78	0.004	0.12	0.05	0.02	5.9	0.2	0.025	3	0.25	0.1
1439511	47	0.94	290	0.263	0	3.06	0.012	1.27	0.05	0.01	5.8	0.7	0.025	9	0.25	0.1
1439512	57	1.31	475	0.29	0	3.37	0.019	1.18	0.05	0.005	8.4	0.5	0.025	12	0.25	0.1
1439513	27	0.56	149	0.107	0	1.72	0.007	0.7	0.05	0.005	3	0.5	0.025	5	0.25	0.1
1439514	50	1.24	156	0.275	0	2.86	0.009	1.58	0.1	0.005	5.5	0.7	0.025	9	0.25	0.1
1439515	25	0.4	109	0.073	0	1.46	0.004	0.45	0.05	0.02	3.8	0.3	0.025	4	0.25	0.1
1439516	30	0.61	150	0.087	0	1.77	0.007	0.47	0.05	0.01	3.4	0.4	0.025	6	0.25	0.1
1439517	35	0.85	221	0.188	0	2.4	0.009	1.22	0.05	0.005	3.8	0.7	0.025	7	0.25	0.1
1439518	26	0.67	142	0.107	0	1.61	0.007	0.58	0.05	0.005	4.9	0.5	0.025	5	0.25	0.1
1439519	37	0.93	155	0.257	0	2.46	0.007	1.4	0.05	0.005	4.7	0.8	0.025	8	0.25	0.1
1439520	34	0.87	191	0.219	0	2.36	0.006	1.06	0.05	0.01	3.8	0.6	0.025	7	0.25	0.1
1439521	33	0.74	155	0.158	0	1.73	0.006	0.8	0.05	0.02	4.8	0.6	0.025	6	0.25	0.1
1439522	41	1	212	0.199	0	2.63	0.01	1.27	0.05	0.005	5.2	0.7	0.025	8	0.25	0.1
1439523	35	0.69	168	0.111	0	1.78	0.007	0.46	0.1	0.01	4.2	0.3	0.025	5	0.25	0.1
1439524	41	0.89	220	0.206	0	2.44	0.008	1.03	0.05	0.01	5.7	0.7	0.025	7	0.25	0.1
1439525	39	0.85	198	0.193	0	2.29	0.007	0.94	0.05	0.005	5	0.7	0.025	7	0.25	0.1
1439526	42	1	215	0.249	0	2.92	0.009	1.26	0.05	0.005	4.8	0.7	0.025	9	0.25	0.1
1439527	54	0.98	241	0.289	0	2.64	0.01	1.08	0.1	0.02	8.7	0.7	0.025	10	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1439528	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613541	7035862	-138.724302	63.43309499		771
1439529	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613566	7035862	-138.7238014	63.43308702		767
1439530	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613591	7035861	-138.7233015	63.43307008		761
1439531	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613617	7035863	-138.7227794	63.43307972		753
1439532	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613641	7035863	-138.7222989	63.43307207		747
1439533	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613667	7035862	-138.7217789	63.4330548		739
1439534	BHC	Brian Hyde BH01	10/15/2016 0:00	07N	613692	7035862	-138.7212783	63.43304682		718
1439535	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	610844	7038831	-138.7762433	63.46057032		783
1439536	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	610869	7038832	-138.7757415	63.46057149		761
1439537	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	610893	7038830	-138.7752618	63.46054608		792
1439538	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	610918	7038831	-138.7747638	63.460543		801
1439539	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	610944	7038832	-138.7742382	63.46054812		812
1439540	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	610968	7038832	-138.7737571	63.46054063		808
1439541	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	610994	7038830	-138.7732374	63.46051459		814
1439542	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611020	7038831	-138.7727155	63.46051544		839
1439543	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611046	7038831	-138.7721944	63.46050733		840
1439544	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611071	7038832	-138.7716926	63.46050849		862
1439545	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611095	7038831	-138.7712123	63.46049203		839
1439546	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611121	7038830	-138.7706918	63.46047494		858
1439547	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611144	7038831	-138.7702301	63.46047673		862
1439548	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611169	7038831	-138.769729	63.46046892		856
1439549	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611193	7038831	-138.769248	63.46046142		886
1439549	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611193	7038831	-138.769248	63.46046142		886
1439550	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611193	7038831	-138.769248	63.46046142	1439549	881
1439551	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611219	7038831	-138.7687268	63.46045329		872
1439552	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611245	7038832	-138.768205	63.46045413		883
1439553	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611270	7038832	-138.7677039	63.46044631		877
1439554	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611294	7038831	-138.7672236	63.46042984		906
1439555	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611320	7038831	-138.7667024	63.4604217		907
1439556	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611345	7038830	-138.766202	63.46040491		902
1439557	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611371	7038831	-138.7656802	63.46040574		928
1439558	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611394	7038831	-138.7652192	63.46039854		922
1439559	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611421	7038832	-138.7646773	63.46039906		928

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1439528	Auger	100	C	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Good	Silt
1439529	Auger	80	B	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Good	Silt
1439530	Auger	80	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439531	Auger	100	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439532	Auger	60	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Silt
1439533	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Silt
1439534	Auger	70	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Silt
1439535	Auger	80	B	Subtle Slope	Dark Brown	Alders	Sphagnum Moss > Damp		Poor	Clay
1439536	Auger	60	B	Subtle Slope	Dark Brown	Alders	Sphagnum Moss > Damp		Poor	Clay
1439537	Auger	70	B	Pronounced Slope	Dark Brown	Alders	Leaf Cover	Damp	Poor	Clay
1439538	Auger	70	B	Pronounced Slope	Chocolate Brown	Alders	Sphagnum Moss > Damp		Poor	Clay
1439539	Auger	40	B	Pronounced Slope	Chocolate Brown	Willows	Reindeer Moss	Dry	Good	Silt
1439540	Auger	20	B	Pronounced Slope	Chocolate Brown	Willows	Grass Cover	Dry	Poor	Silt
1439541	Auger	20	B	Pronounced Slope	Chocolate Brown	Willows	Sphagnum Moss < Dry		Poor	Silt
1439542	Auger	20	B	Pronounced Slope	Chocolate Brown	Willows	Leaf Cover	Dry	Good	Silt
1439543	Auger	30	B	Pronounced Slope	Chocolate Brown	Willows	Grass Cover	Dry	Good	Silt
1439544	Auger	20	B	Pronounced Slope	Chocolate Brown	Willows	Leaf Cover	Dry	Poor	Silt
1439545	Auger	20	B	Pronounced Slope	Chocolate Brown	Willows	Sphagnum Moss < Dry		Poor	Silt
1439546	Auger	40	B	Pronounced Slope	Chocolate Brown	Willows	Sphagnum Moss < Dry		Good	Silt
1439547	Auger	30	B	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Poor	Silt
1439548	Mattock	20	B	Pronounced Slope	Grey	Willows	Leaf Cover	Dry	Poor	Silt
1439549	Auger	20	B	Pronounced Slope	Chocolate Brown	Willows	Grass Cover	Dry	Poor	Silt
1439549	Auger	20	B	Pronounced Slope	Chocolate Brown	Willows	Grass Cover	Dry	Poor	Silt
1439550	Auger	20	B	Pronounced Slope	Chocolate Brown	Willows	Grass Cover	Dry	Poor	Silt
1439551	Auger	20	B	Pronounced Slope	Chocolate Brown	Willows	Leaf Cover	Dry	Good	Silt
1439552	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439553	Auger	30	B	Pronounced Slope	Chocolate Brown	Alders	Leaf Cover	Dry	Poor	Silt
1439554	Auger	30	B	Pronounced Slope	Chocolate Brown	Willows	Grass Cover	Dry	Poor	Silt
1439555	Auger	20	B	Pronounced Slope	Chocolate Brown	Willows	Grass Cover	Dry	Poor	Silt
1439556	Mattock	10	B	Subtle Slope	Chocolate Brown	Alders	Bare Soil	Dry	Poor	Silt
1439557	Auger	60	B	Subtle Slope	Chocolate Brown	Willows	Grass Cover	Dry	Good	Silt
1439558	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Sphagnum Moss < Dry		Good	Silt
1439559	Auger	60	B	Subtle Slope	Chocolate Brown	Willows	Grass Cover	Dry	Good	Silt

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1439528				SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	22.7
1439529				SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.9	22.4
1439530				SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.7	23.6
1439531				SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	38.1
1439532				SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.9	24.9
1439533				SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	24
1439534				SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	25.7
1439535	Partially Frozen	Mud		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	47.9
1439536	Partially Frozen	Organic 25%		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	38.1
1439537	Organic 10%	Partially Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	32
1439538	Organic 25%			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	32.1
1439539				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	31
1439540	Rocky Terrain	Partially Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.8	158.5
1439541	Rocky Sample	Small Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.8	42.6
1439542	Rocky Terrain	Small Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	21.3
1439543				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	23
1439544	Small Sample	Rocky Terrain		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	18.9
1439545	Rocky Terrain	Small Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.9	37.1
1439546	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	39.6
1439547	Organic 25%	Small Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	22.8
1439548	Organic 25%	Rocky Terrain	Small	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.9	25.9
1439549	Organic 10%	Partially Frozen	Small	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	16.2
1439549	Organic 10%	Partially Frozen	Small	REP	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	16.3
1439550	Organic 10%	Partially Frozen	Small	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	17.3
1439551	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.8	22.3
1439552	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	19.4
1439553	Organic 25%	Rocky Terrain		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	15.4
1439554	Organic 25%	Partially Frozen	Rocky, small	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	1	27.6
1439555	Organic 25%	Partially Frozen	Rocky, small	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	25.9
1439556	Frozen	Rocky Terrain		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	18.1
1439557	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	19.3
1439558	Organic 10%	Partially Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	17.3
1439559	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	18

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1439528	11.4	97	0.05	20.7	21.8	772	5.16	18.7	1.6	1.3	20.4	16	0.05	3.2	0.05	71	0.43	0.061	69
1439529	13.5	77	0.05	25	13.1	446	3.91	10.9	1.3	3.8	13	18	0.05	0.9	0.2	57	0.32	0.039	44
1439530	12.1	54	0.05	22.9	9.9	424	2.98	9.9	1.1	3.7	9.5	23	0.05	0.8	0.2	48	0.37	0.034	32
1439531	15	83	0.05	31.3	12.9	356	3.75	6.9	1.4	4.8	20.2	18	0.05	0.5	0.1	46	0.31	0.052	46
1439532	10.4	106	0.05	13.4	17.4	716	5.77	8.4	1.3	2	9.6	25	0.05	0.5	0.05	91	0.73	0.155	26
1439533	7.8	60	0.05	18.4	9.9	352	3.35	7.7	0.9	3.2	7.1	22	0.05	0.5	0.1	55	0.38	0.069	33
1439534	8.2	99	0.05	19.4	17.4	508	6.14	5.1	1.7	3.1	12.1	39	0.05	0.3	0.05	100	0.69	0.137	61
1439535	8.2	51	0.1	51.7	13.6	254	2.17	7.5	1.2	8.7	3.3	49	0.2	0.5	0.2	37	0.59	0.053	14
1439536	8.1	55	0.1	43.1	12.2	275	2.22	8.3	1.1	9.5	3.3	39	0.1	0.5	0.2	39	0.48	0.056	15
1439537	8.2	58	0.1	37.2	11.7	262	2.38	9	1	4.6	3.9	39	0.1	0.6	0.1	41	0.48	0.063	15
1439538	9	72	0.1	32.9	10.7	315	2.29	10.4	0.9	3.5	4.4	38	0.3	0.9	0.2	38	0.52	0.07	16
1439539	5.5	34	0.05	40.7	9.5	195	1.86	6	0.8	11.4	3.2	36	0.05	0.3	0.1	38	0.41	0.044	13
1439540	10	69	0.5	245.5	58.2	2091	3.62	12.5	2.3	4.7	2.1	76	0.6	0.5	0.2	46	0.88	0.091	26
1439541	8.6	49	0.2	68.8	16.5	416	2.46	7.8	0.9	1.7	2	40	0.2	0.4	0.2	38	0.44	0.063	14
1439542	6.6	49	0.2	26	9.4	265	2.15	7	0.8	4.3	2	39	0.2	0.4	0.1	40	0.37	0.068	13
1439543	5.8	39	0.2	30.3	10	205	1.83	5.4	1.6	3.7	1.7	64	0.2	0.6	0.1	31	0.63	0.076	17
1439544	6.3	46	0.2	26	9.6	255	2.25	6.4	1.3	2.6	3.1	57	0.1	0.4	0.1	38	0.59	0.064	19
1439545	6.7	51	0.3	38.2	22.2	791	1.94	6.1	2.3	1.6	0.7	71	0.4	0.7	0.1	30	0.82	0.105	25
1439546	5.4	35	0.1	42.7	10.7	239	1.72	6.8	1.2	4.2	2.8	40	0.1	0.4	0.05	35	0.46	0.051	13
1439547	6.7	61	0.2	20.1	8.9	478	1.8	5.5	0.6	4	1.4	51	0.2	0.3	0.2	36	0.48	0.065	10
1439548	7.2	44	0.2	18.6	12.5	421	1.8	4.7	0.8	4.8	1.8	46	0.3	0.3	0.1	35	0.4	0.05	10
1439549	5.7	35	0.05	17	10.5	216	1.76	6.2	0.6	7.3	1.9	50	0.1	0.4	0.1	38	0.51	0.071	9
1439549	5.4	36	0.05	16.8	10.6	220	1.83	6.2	0.6	1.5	2.1	48	0.2	0.3	0.1	39	0.52	0.073	9
1439550	5.8	37	0.05	17.8	8.6	195	1.83	6.5	0.6	5.9	2.3	50	0.1	0.4	0.1	39	0.49	0.068	9
1439551	7.1	62	0.1	20.6	12.2	607	1.92	6.7	0.8	10.2	1	60	0.3	0.4	0.1	41	0.6	0.075	10
1439552	7.1	42	0.1	18	9	247	1.82	5.5	0.8	49.7	2.3	49	0.2	0.4	0.1	38	0.52	0.058	11
1439553	6	42	0.2	13.5	7.9	304	1.49	3.7	0.7	5.1	1	53	0.2	0.4	0.1	29	0.56	0.052	10
1439554	5.4	60	0.3	11.6	6.7	560	1.08	2.6	1	3.2	0.1	64	0.6	0.4	0.2	18	0.83	0.089	9
1439555	6.8	48	0.2	16.2	6.6	208	1.68	4.5	0.9	1.8	1	41	0.4	0.3	0.1	34	0.4	0.05	11
1439556	6.3	40	0.05	15.7	7.9	160	1.75	5.5	0.7	10.6	2.5	39	0.1	0.3	0.1	37	0.42	0.061	11
1439557	7.8	43	0.1	17.7	12.1	344	1.99	5.7	0.9	3.4	2.2	43	0.1	0.3	0.1	42	0.4	0.064	13
1439558	6.1	38	0.05	18.3	8.9	202	1.85	5.7	0.7	5.2	3.8	43	0.05	0.3	0.05	39	0.46	0.062	13
1439559	6	39	0.05	16.3	10.1	261	2.21	8.5	0.8	82.2	3.9	61	0.1	0.3	0.2	46	0.59	0.059	14

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1439528	81	1.52	401	0.19	1	2.81	0.021	1.35	0.05	0.01	10.3	0.8	0.025	10	0.25	0.1
1439529	49	0.82	300	0.146	1	2.13	0.012	0.53	0.05	0.02	7	0.3	0.025	8	0.25	0.1
1439530	38	0.61	331	0.092	1	1.62	0.015	0.23	0.1	0.03	5.6	0.2	0.025	5	0.25	0.1
1439531	39	0.84	285	0.13	0	2.02	0.016	0.58	0.05	0.02	5	0.3	0.025	7	0.25	0.1
1439532	23	1.16	470	0.153	0	3.07	0.027	0.54	0.1	0.01	11.4	0.2	0.025	11	0.25	0.1
1439533	32	0.74	792	0.148	0	1.86	0.014	0.49	0.2	0.03	6.9	0.2	0.025	6	0.25	0.1
1439534	34	1.28	2314	0.267	0	3.31	0.02	0.83	0.1	0.03	11	0.3	0.025	13	0.25	0.1
1439535	50	0.71	321	0.05	0	1.49	0.017	0.04	0.2	0.05	4.2	0.05	0.025	4	0.25	0.1
1439536	48	0.65	303	0.051	1	1.58	0.014	0.04	0.2	0.04	4	0.05	0.025	4	0.25	0.1
1439537	40	0.58	309	0.053	2	1.54	0.016	0.04	0.2	0.04	4	0.05	0.025	4	0.25	0.1
1439538	32	0.52	352	0.056	0	1.33	0.016	0.04	0.2	0.06	3.7	0.05	0.025	4	0.25	0.1
1439539	57	0.67	233	0.08	0	1.61	0.016	0.05	0.2	0.02	3.4	0.05	0.025	4	0.25	0.1
1439540	86	1.33	587	0.046	2	2.88	0.011	0.07	0.1	0.08	6.6	0.1	0.025	7	0.25	0.1
1439541	50	0.97	300	0.051	2	1.66	0.014	0.07	0.2	0.02	3.2	0.05	0.025	5	0.25	0.1
1439542	38	0.52	227	0.058	1	1.76	0.01	0.07	0.2	0.03	3.1	0.05	0.025	5	0.25	0.1
1439543	36	0.53	294	0.05	1	1.7	0.011	0.06	0.1	0.05	3.8	0.05	0.025	4	0.25	0.1
1439544	45	0.68	321	0.071	2	1.96	0.011	0.09	0.1	0.04	3.8	0.05	0.025	6	0.25	0.1
1439545	57	0.49	409	0.032	3	1.87	0.009	0.06	0.05	0.08	4.1	0.1	0.06	4	0.25	0.1
1439546	72	0.72	204	0.049	0	1.59	0.013	0.04	0.2	0.03	4.2	0.05	0.025	4	0.25	0.1
1439547	28	0.44	276	0.043	0	2.1	0.009	0.08	0.1	0.04	3	0.05	0.025	6	0.25	0.1
1439548	28	0.38	262	0.046	0	1.83	0.008	0.08	0.1	0.03	3	0.05	0.025	5	0.25	0.1
1439549	31	0.5	197	0.04	0	1.75	0.016	0.03	0.2	0.03	2.9	0.05	0.025	4	0.25	0.1
1439549	31	0.51	193	0.051	2	1.84	0.018	0.04	0.2	0.04	2.8	0.05	0.025	4	0.25	0.1
1439550	30	0.52	219	0.043	0	1.94	0.02	0.03	0.2	0.02	3	0.05	0.025	5	0.25	0.1
1439551	29	0.52	273	0.036	1	2.1	0.025	0.04	0.1	0.04	3	0.05	0.025	5	0.25	0.1
1439552	30	0.49	247	0.044	0	1.87	0.016	0.03	0.2	0.04	3.2	0.05	0.025	4	0.25	0.1
1439553	22	0.35	250	0.036	1	1.54	0.01	0.04	0.2	0.06	2.4	0.05	0.025	4	0.25	0.1
1439554	16	0.22	267	0.019	2	0.98	0.009	0.05	0.05	0.09	1.3	0.05	0.07	3	0.25	0.1
1439555	24	0.39	248	0.034	0	1.56	0.01	0.04	0.1	0.04	2.6	0.05	0.025	4	0.25	0.1
1439556	24	0.44	213	0.041	1	1.51	0.013	0.03	0.2	0.03	2.8	0.05	0.025	4	0.25	0.1
1439557	28	0.53	255	0.05	1	1.82	0.011	0.04	0.2	0.03	3.3	0.05	0.025	5	0.25	0.1
1439558	35	0.53	207	0.058	0	1.64	0.015	0.03	0.2	0.02	3.1	0.05	0.025	4	0.25	0.1
1439559	28	0.67	256	0.071	0	2.13	0.022	0.04	0.2	0.005	3.8	0.05	0.025	5	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1439560	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611446	7038831	-138.7641769	63.46038226		929
1439561	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611471	7038832	-138.7636751	63.4603834		954
1439562	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611495	7038831	-138.7631948	63.46036691		955
1439563	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611521	7038832	-138.762673	63.46036773		950
1439564	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611546	7038831	-138.7621726	63.46035092		953
1439565	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611570	7038832	-138.7616908	63.46035236		964
1439566	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611647	7038830	-138.7601489	63.46031028		973
1439567	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	612548	7038130	-138.7425846	63.45374899		874
1439568	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	612522	7038129	-138.7431064	63.45374824		883
1439569	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611597	7038832	-138.7611496	63.4603439		969
1439570	BHC	Brian Hyde BH01	10/16/2016 0:00	07N	611621	7038831	-138.7606693	63.4603274		974
1439571	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	612498	7038129	-138.7435873	63.45375583		892
1439572	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	612473	7038129	-138.7440883	63.45376373		883
1439573	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	612448	7038130	-138.7445885	63.4537806		866
1439574	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	612422	7038130	-138.7451095	63.45378882		886
1439575	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	612422	7038130	-138.7451095	63.45378882	1439574	889
1439576	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	612399	7038129	-138.7455711	63.45378711		888
1439577	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	612373	7038129	-138.7460921	63.45379532		906
1439578	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	612348	7038129	-138.7465931	63.45380321		899
1439579	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	612322	7038130	-138.7471134	63.45382039		912
1439580	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	612297	7038130	-138.7476144	63.45382828		927
1439580	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	612297	7038130	-138.7476144	63.45382828		927
1439581	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	612272	7038129	-138.748116	63.4538272		937
1439582	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	612249	7038129	-138.7485769	63.45383445		939
1439583	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	612222	7038129	-138.749118	63.45384297		939
1439584	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	612197	7038129	-138.749619	63.45385085		943
1439585	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	612172	7038130	-138.7501192	63.4538677		980
1439586	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	612148	7038129	-138.7506009	63.45386629		945
1439587	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	612122	7038129	-138.7511219	63.45387449		948
1439588	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	612098	7038129	-138.7516028	63.45388205		958
1439589	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	612073	7038129	-138.7521038	63.45388992		945
1439590	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	612046	7038129	-138.7526448	63.45389842		943
1439591	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	612022	7038129	-138.7531258	63.45390598		939



sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1439560	Auger	50	B	Subtle Slope	Chocolate Brown	Willows	Leaf Cover	Dry	Good	Silt
1439561	Auger	30	B	Subtle Slope	Chocolate Brown	Willows	Leaf Cover	Dry	Good	Silt
1439562	Auger	30	B	Subtle Slope	Chocolate Brown	Willows	Leaf Cover	Dry	Good	Silt
1439563	Auger	20	B	Subtle Slope	Chocolate Brown	Willows	Grass Cover	Dry	Poor	Silt
1439564	Auger	10	B	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Poor	Silt
1439565	Auger	10	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Poor	Silt
1439566	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Poor	Silt
1439567	Auger	50	B	Subtle Slope	Chocolate Brown	Willows	Grass Cover	Dry	Good	Silt
1439568	Auger	20	B	Subtle Slope	Chocolate Brown	Willows	Grass Cover	Dry	Good	Silt
1439569	Auger	10	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Poor	Silt
1439570	Auger	20	B	Subtle Slope	Chocolate Brown	Willows	Burnt Moss	Dry	Poor	Silt
1439571	Auger	60	B	Subtle Slope	Chocolate Brown	Willows	Grass Cover	Dry	Good	Silt
1439572	Auger	90	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439573	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439574	Auger	60	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439575	Auger	60	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439576	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439577	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439578	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439579	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439580	Auger	20	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439580	Auger	20	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439581	Auger	20	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439582	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439583	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439584	Auger	30	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439585	Auger	20	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439586	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439587	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439588	Auger	100	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439589	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439590	Mattock	20	B	Subtle Slope	Chocolate Brown	Alders	Leaf Cover	Damp	Poor	Silt
1439591	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1439560	Organic 10%	Partially Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	16.1
1439561	Organic 10%			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	24.4
1439562	Rocky Terrain			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	16.8
1439563	Organic 25%	Partially Frozen	Small	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	32.3
1439564	Organic 25%	Partially Frozen	Rocky, small	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.8	14.3
1439565	Organic 25%	Partially Frozen	Rocky, small	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	18.6
1439566	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	23.5
1439567				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.2	28
1439568	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	42.7
1439569	Organic 25%	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.8	14.4
1439570	Organic 25%	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.9	29
1439571				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	28.9
1439572				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.2	40
1439573				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.2	27.7
1439574				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	24.1
1439575				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	27.6
1439576				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.2	24.6
1439577				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	24
1439578				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	27.3
1439579				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	36.5
1439580	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	39.1
1439580	Frozen			REP	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	39.2
1439581	Rocky Terrain			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.9	28
1439582	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.1	21.3
1439583	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	23.2
1439584				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	36
1439585				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	25.7
1439586				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	29.3
1439587				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	24.9
1439588				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	29.8
1439589				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	30.3
1439590	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	21.6
1439591				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	19

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1439560	6.2	40	0.05	18.6	9.4	235	2.19	9.6	0.7	20.3	3	54	0.05	0.4	0.2	46	0.49	0.062	12
1439561	8	43	0.2	16.9	8.6	181	2.34	11	0.9	15	2.5	49	0.2	0.4	0.4	52	0.35	0.036	11
1439562	6.9	47	0.1	16.6	8.5	187	2.22	8.6	0.6	40.1	3	48	0.1	0.4	0.2	46	0.37	0.057	12
1439563	10.1	46	0.3	19	12.7	494	1.94	4.9	1.1	3.7	1.1	50	0.3	0.3	0.2	37	0.43	0.055	14
1439564	7.7	42	0.1	14.8	7.6	201	1.98	8	0.4	1.9	1.1	35	0.1	0.4	0.2	46	0.31	0.048	9
1439565	8.4	63	0.2	17.9	16.3	1039	2.2	7.3	0.8	207.4	0.8	74	0.3	0.5	0.2	43	0.65	0.077	12
1439566	5.6	32	0.05	16.4	9	175	1.72	4.8	0.8	6	1.9	100	0.05	0.5	0.1	36	0.73	0.063	12
1439567	5.8	33	0.05	28.7	11.9	227	2.14	5.5	0.5	1.4	2.9	104	0.05	0.3	0.05	47	0.72	0.081	11
1439568	6.9	38	0.1	44.7	14.5	273	2.58	5.8	0.8	2.7	3	94	0.1	0.3	0.2	60	0.66	0.055	13
1439569	7.7	42	0.1	15.1	8.4	221	2.1	8.8	0.5	12.7	1.4	43	0.1	0.4	0.2	44	0.37	0.047	9
1439570	10.2	48	0.3	20.6	18.4	723	2.3	7.5	0.9	4.5	1.2	90	0.3	0.4	0.2	45	0.72	0.073	11
1439571	6.7	40	0.05	32.4	12.6	233	2.36	6.3	0.6	3.6	3.6	87	0.05	0.4	0.1	50	0.66	0.063	13
1439572	5.2	36	0.05	52.2	17.6	325	2.32	5.2	0.6	2.5	3.8	56	0.05	0.3	0.05	48	0.74	0.081	13
1439573	5.7	43	0.05	35.1	12.6	284	2.55	5.4	0.7	4.6	4.7	82	0.05	0.2	0.05	59	0.86	0.084	13
1439574	6.4	39	0.05	27.3	10.9	208	2.3	5	0.6	6.2	3.6	66	0.05	0.3	0.05	54	0.7	0.054	12
1439575	7.3	36	0.05	29.5	12.2	198	2.36	6.5	0.5	6.8	3.1	72	0.05	0.3	0.1	55	0.64	0.053	11
1439576	6.2	40	0.05	27.7	16.7	339	2.53	3.7	0.7	3.1	4.9	85	0.05	0.2	0.05	61	0.93	0.111	13
1439577	6.8	32	0.05	26.1	12.8	353	1.99	5.6	0.6	8.6	3.3	76	0.05	0.3	0.2	44	0.6	0.071	11
1439578	6.9	33	0.05	27.3	9.9	209	2.02	5.7	0.6	18.4	3.9	54	0.05	0.3	0.1	44	0.55	0.046	13
1439579	7.1	42	0.05	39.9	17.4	279	2.71	3.7	0.6	3	6.6	76	0.05	0.2	0.05	59	0.7	0.066	23
1439580	7.1	40	0.2	25.3	13.4	283	2.39	6.3	0.5	29.1	2.6	104	0.1	0.3	0.2	52	0.88	0.132	11
1439580	7.3	41	0.2	26.5	13.1	286	2.42	6.2	0.5	9.7	2.6	107	0.2	0.3	0.1	53	0.89	0.127	12
1439581	8.2	34	0.2	22.5	15.7	149	2.91	8.3	0.3	4.2	1.1	61	0.1	0.3	0.1	65	0.37	0.197	6
1439582	5.4	51	0.05	28.3	15	235	3.36	8.2	0.6	27.9	6	125	0.05	0.2	0.2	74	1.32	0.224	19
1439583	6.4	29	0.05	20	13.1	187	1.88	4.6	0.5	6.8	2.7	87	0.05	0.2	0.05	41	1.35	0.123	10
1439584	8.3	38	0.05	41.4	19.1	148	2.33	8.5	0.4	2.3	2.1	88	0.1	0.3	0.1	49	0.53	0.136	7
1439585	5.9	25	0.05	45.4	14.1	163	1.84	8.9	0.2	1.6	0.9	68	0.05	0.2	0.05	33	0.4	0.083	5
1439586	8	37	0.05	28.1	11.8	273	2.04	6.6	0.5	3.9	2.4	73	0.05	0.4	0.1	45	0.48	0.057	11
1439587	9.2	45	0.05	22.9	8.5	257	2.29	8.9	0.8	5	3.7	39	0.05	0.5	0.1	48	0.37	0.055	14
1439588	8	33	0.05	25.8	10.4	255	1.9	5.5	0.4	5.5	2.2	78	0.05	0.3	0.05	43	0.57	0.072	9
1439589	9.1	36	0.05	26.7	11.4	203	1.98	7.1	0.5	3.6	3.3	59	0.05	0.5	0.1	45	0.37	0.039	12
1439590	6.5	38	0.05	19.7	8.1	263	1.79	6.3	0.7	9.8	3	48	0.05	0.5	0.05	36	0.46	0.085	11
1439591	8.5	35	0.05	20.2	9.1	274	1.98	7.2	0.6	4.3	2.8	64	0.05	0.4	0.1	45	0.49	0.07	11

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1439560	38	0.61	233	0.058	0	2.41	0.016	0.04	0.3	0.03	3.6	0.05	0.025	6	0.25	0.1
1439561	33	0.49	252	0.06	1	2.68	0.009	0.04	0.2	0.03	3.6	0.05	0.025	7	0.25	0.1
1439562	29	0.52	242	0.059	0	2.3	0.016	0.05	0.2	0.02	3.4	0.05	0.025	6	0.25	0.1
1439563	29	0.44	326	0.049	0	2.35	0.011	0.06	0.05	0.03	3.1	0.05	0.025	7	0.25	0.1
1439564	26	0.45	212	0.041	0	1.91	0.014	0.06	0.1	0.005	2.5	0.05	0.025	5	0.25	0.1
1439565	29	0.61	357	0.037	0	2.57	0.024	0.05	0.1	0.03	3	0.05	0.025	6	0.25	0.1
1439566	25	0.6	304	0.045	0	1.9	0.027	0.03	0.1	0.04	3.6	0.05	0.025	4	0.25	0.1
1439567	65	0.86	343	0.075	2	2.3	0.044	0.09	0.05	0.005	4.3	0.05	0.025	5	0.25	0.1
1439568	85	1.01	451	0.113	0	2.51	0.028	0.15	0.1	0.02	4.7	0.1	0.025	7	0.25	0.1
1439569	26	0.51	197	0.04	2	2.05	0.012	0.04	0.2	0.03	2.7	0.05	0.025	5	0.25	0.1
1439570	28	0.48	386	0.035	2	2.66	0.01	0.06	0.1	0.06	3.9	0.1	0.025	6	0.25	0.1
1439571	63	0.92	417	0.084	1	2.36	0.038	0.05	0.1	0.02	4.6	0.05	0.025	6	0.25	0.1
1439572	125	1.18	230	0.067	0	2.03	0.027	0.04	0.05	0.005	6.8	0.05	0.025	5	0.25	0.1
1439573	72	1.14	429	0.142	1	2.52	0.05	0.43	0.05	0.005	5	0.2	0.025	7	0.25	0.1
1439574	53	0.9	369	0.114	0	2.27	0.044	0.09	0.1	0.005	4.2	0.05	0.025	6	0.25	0.1
1439575	62	0.91	351	0.102	0	2.52	0.037	0.08	0.1	0.005	4.3	0.05	0.025	6	0.25	0.1
1439576	55	1.25	447	0.152	0	2.78	0.062	0.33	0.05	0.005	3.9	0.2	0.025	7	0.25	0.1
1439577	48	0.65	295	0.073	2	2.08	0.027	0.04	0.1	0.01	3	0.05	0.025	5	0.25	0.1
1439578	44	0.7	275	0.092	1	1.83	0.024	0.04	0.2	0.01	3.3	0.05	0.025	5	0.25	0.1
1439579	85	1.49	610	0.186	1	2.95	0.03	0.31	0.2	0.005	4	0.2	0.025	8	0.25	0.1
1439580	36	0.68	416	0.06	1	2.78	0.041	0.08	0.1	0.01	3.1	0.05	0.025	7	0.25	0.1
1439580	36	0.69	422	0.061	0	2.78	0.042	0.08	0.1	0.005	3.2	0.05	0.025	7	0.25	0.1
1439581	28	0.55	240	0.041	2	3.4	0.02	0.11	0.2	0.04	2.6	0.05	0.025	9	0.25	0.1
1439582	62	1.4	423	0.205	2	3.21	0.069	0.37	0.05	0.005	7.3	0.2	0.025	11	0.25	0.1
1439583	40	0.74	198	0.052	0	2.85	0.051	0.05	0.05	0.02	4.1	0.05	0.025	5	0.25	0.1
1439584	53	0.64	363	0.069	2	4.67	0.036	0.09	0.05	0.02	3.3	0.05	0.025	9	0.25	0.1
1439585	45	0.5	225	0.036	1	1.96	0.012	0.05	0.05	0.01	2.2	0.05	0.025	4	0.25	0.1
1439586	42	0.57	266	0.052	1	1.94	0.02	0.05	0.1	0.03	3.6	0.05	0.025	5	0.25	0.1
1439587	30	0.47	279	0.054	1	1.59	0.014	0.04	0.2	0.03	4.6	0.05	0.025	4	0.25	0.1
1439588	39	0.62	260	0.039	1	1.82	0.024	0.03	0.05	0.005	3.8	0.05	0.025	4	0.25	0.1
1439589	34	0.49	258	0.045	2	1.86	0.018	0.03	0.2	0.01	4.1	0.05	0.025	4	0.25	0.1
1439590	26	0.47	267	0.044	0	1.26	0.017	0.03	0.1	0.03	3.2	0.05	0.025	3	0.25	0.1
1439591	31	0.52	286	0.046	1	1.89	0.02	0.03	0.1	0.01	3.2	0.05	0.025	4	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1439592	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	611996	7038129	-138.7536468	63.45391416		929
1439593	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	611972	7038130	-138.754127	63.45393068		930
1439594	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	611947	7038129	-138.7546287	63.45392958		942
1439595	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	611920	7038130	-138.755169	63.45394704		933
1439596	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	611898	7038128	-138.7556113	63.45393602		923
1439597	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	611871	7038128	-138.7561523	63.45394451		953
1439598	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	611847	7038130	-138.7566319	63.45396998		943
1439599	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	611820	7038129	-138.7571736	63.4539695		954
1439600	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	611820	7038129	-138.7571736	63.4539695	1439599	952
1439601	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	611797	7038129	-138.7576345	63.45397673		969
1439602	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	611771	7038129	-138.7581555	63.45398489		975
1439603	BHC	Brian Hyde BH01	10/17/2016 0:00	07N	611746	7038129	-138.7586565	63.45399274		976
1439604	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	612172	7038631	-138.7497663	63.45836056		979
1439604	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	612172	7038631	-138.7497663	63.45836056		979
1439605	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	612450	7038632	-138.744194	63.45828178		1009
1439606	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	612423	7038631	-138.7447358	63.45828134		914
1439607	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	612397	7038631	-138.7452569	63.45828956		935
1439608	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	612374	7038631	-138.7457178	63.45829682		949
1439609	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	612349	7038631	-138.7462189	63.45830472		936
1439610	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	612323	7038631	-138.74674	63.45831292		928
1439611	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	612298	7038632	-138.7472403	63.45832978		950
1439612	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	612273	7038631	-138.7477421	63.4583287		957
1439613	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	612247	7038630	-138.7482639	63.45832794		940
1439614	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	612222	7038632	-138.7487635	63.45835376		945
1439615	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	612198	7038630	-138.7492459	63.45834339		952
1439616	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	612148	7038632	-138.7502466	63.45837709		858
1439617	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	612122	7038630	-138.7507691	63.45836735		990
1439618	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	612097	7038631	-138.7512695	63.45838419		969
1439619	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	612073	7038631	-138.7517505	63.45839175		971
1439620	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	612047	7038631	-138.7522716	63.45839994		971
1439621	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	612022	7038631	-138.7527726	63.45840781		982
1439622	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	611997	7038632	-138.753273	63.45842465		977
1439623	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	611972	7038632	-138.753774	63.45843252		971

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1439592	Auger	20	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439593	Auger	60	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439594	Auger	70	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439595	Auger	80	B	Subtle Slope	Chocolate Brown	White Spruce	Grass Cover	Dry	Good	Silt
1439596	Auger	40	B	Subtle Slope	Chocolate Brown	White Spruce	Grass Cover	Dry	Good	Silt
1439597	Auger	80	B	Subtle Slope	Chocolate Brown	White Spruce	Grass Cover	Dry	Good	Silt
1439598	Auger	20	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Poor	Silt
1439599	Auger	80	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439600	Auger	80	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439601	Hands	0	C	Subtle Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Silt
1439602	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439603	Auger	60	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439604	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Sphagnum Moss <	Dry	Good	Silt
1439604	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Sphagnum Moss <	Dry	Good	Silt
1439605	Auger	30	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439606	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439607	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439608	Auger	20	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Poor	Silt
1439609	Auger	20	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Poor	Silt
1439610	Auger	20	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Poor	Silt
1439611	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439612	Auger	20	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Poor	Silt
1439613	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439614	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Sphagnum Moss <	Dry	Good	Silt
1439615	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Sphagnum Moss <	Dry	Good	Silt
1439616	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Sphagnum Moss <	Dry	Good	Silt
1439617	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Sphagnum Moss <	Dry	Good	Silt
1439618	Auger	70	B	Subtle Slope	Chocolate Brown	Old Burn	Sphagnum Moss <	Dry	Good	Silt
1439619	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Sphagnum Moss <	Dry	Good	Silt
1439620	Auger	20	B	Subtle Slope	Chocolate Brown	Old Burn	Sphagnum Moss <	Dry	Poor	Silt
1439621	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Reindeer Moss	Dry	Good	Silt
1439622	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Reindeer Moss	Dry	Good	Silt
1439623	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Reindeer Moss	Dry	Good	Silt

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1439592				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	35
1439593				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	34.3
1439594				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	44.3
1439595				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	33
1439596				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	24
1439597				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	24.6
1439598	Organic 25%	Rocky Terrain		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	32.6
1439599				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	23.6
1439600				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	22.4
1439601			Up heaved tree roc	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	30.8
1439602				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	38.3
1439603				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	20.2
1439604				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.2	34
1439604				REP	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.2	33.2
1439605	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	37.9
1439606				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	25.8
1439607	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	48.6
1439608	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	66.8
1439609	Frozen	Rocky Terrain		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	39
1439610	Organic 50%	Frozen	Small	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	23.8
1439611				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.2	35.3
1439612	Organic 25%	Frozen	Small	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	24.9
1439613				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.2	27.8
1439614				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.1	28.5
1439615				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	26.7
1439616				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	23.5
1439617				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	30.6
1439618				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	28.8
1439619				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	35.3
1439620	Organic 25%	Frozen	Rocky, small	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	24
1439621	Frozen	Frozen	FROZEN	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	24.8
1439622	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	22.4
1439623				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	26.8

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1439592	5.8	30	0.05	31.9	11.5	292	1.76	6.1	0.5	4.5	2.2	56	0.05	0.4	0.05	42	0.56	0.089	10
1439593	8.7	35	0.05	29.9	11.8	255	2.03	7.6	1	5.9	2.9	51	0.05	0.5	0.05	47	0.53	0.041	13
1439594	8.5	40	0.1	32.8	15	330	2.47	8.9	0.8	5.1	2.2	63	0.05	0.5	0.2	64	0.77	0.102	11
1439595	8.4	29	0.05	26.1	13.5	203	2.21	8	0.4	5.7	1.8	80	0.05	0.4	0.1	64	0.76	0.094	8
1439596	5.3	33	0.05	31.1	12	195	2.19	7.7	0.4	9	2.2	57	0.05	0.4	0.2	56	0.64	0.083	8
1439597	8.7	33	0.05	22.5	11	376	2.01	7.5	0.7	4.5	2.3	55	0.2	0.5	0.1	49	0.53	0.055	10
1439598	5.7	40	0.6	22.9	17.2	726	1.56	4.8	0.5	1.3	0.2	103	0.6	0.5	0.1	32	1.05	0.101	11
1439599	10.5	40	0.1	22	11.1	345	2.12	8.1	0.7	3.2	2.7	48	0.2	0.5	0.3	47	0.51	0.035	11
1439600	9	37	0.1	21.5	11.4	404	2	7.7	0.6	4.7	2.4	49	0.2	0.5	0.1	46	0.51	0.035	10
1439601	5.5	37	0.05	31.3	14	159	2.1	11.4	0.4	2	2.3	46	0.05	0.5	0.1	50	0.43	0.044	7
1439602	10.8	52	0.1	34.4	16.4	382	2.48	10.7	0.5	3.4	3.3	49	0.1	0.6	0.2	59	0.49	0.039	11
1439603	7.6	41	0.05	21.2	8.6	238	2.07	7.5	0.6	1.3	3.5	27	0.05	0.5	0.1	46	0.3	0.03	13
1439604	4.6	43	0.05	49.6	19.1	270	2.7	3	0.5	1.5	3.4	51	0.05	0.1	0.1	67	0.59	0.128	14
1439604	4.7	41	0.05	48.3	19.1	270	2.69	2.9	0.5	1.1	3.5	50	0.05	0.1	0.1	67	0.59	0.121	14
1439605	5.2	32	0.05	44.8	15.4	210	2.11	2.8	0.7	0.25	4.4	88	0.05	0.1	0.05	45	0.71	0.039	17
1439606	6.7	39	0.05	25.5	11.1	163	2.29	4.9	0.8	2.8	5.5	31	0.05	0.3	0.05	54	0.32	0.042	22
1439607	7.1	34	0.05	58.9	16.4	248	2.17	3.5	0.7	0.25	1.9	49	0.1	0.1	0.05	45	0.4	0.039	11
1439608	3.9	29	0.05	104.8	22.1	206	1.97	3.3	0.5	0.8	2.6	57	0.05	0.05	0.05	40	0.4	0.049	7
1439609	4.8	29	0.05	35.4	15.5	176	2.06	3.7	0.4	1.1	2.3	127	0.05	0.1	0.05	51	0.44	0.045	8
1439610	7.2	39	0.1	23.9	10	280	2.26	4.7	0.5	0.25	0.7	89	0.2	0.2	0.1	49	0.73	0.08	8
1439611	5	36	0.05	24.3	12.8	246	2.62	2.5	0.5	0.6	2.1	147	0.05	0.2	0.05	62	1.39	0.123	7
1439612	6.9	39	0.2	25.8	10.7	277	1.89	2.8	0.5	0.25	1	107	0.3	0.2	0.05	44	0.75	0.093	8
1439613	5.2	33	0.05	35.4	12.4	184	2.15	4.1	0.4	1.4	2.7	95	0.05	0.2	0.05	49	0.87	0.106	9
1439614	5.1	31	0.05	33.8	11.7	194	1.91	2.1	0.7	2.9	4.1	95	0.05	0.05	0.05	41	0.8	0.103	12
1439615	6.9	31	0.05	43.6	12.5	158	1.95	3.9	0.4	1.4	2.3	51	0.05	0.2	0.1	46	0.5	0.074	8
1439616	6.7	39	0.05	27.1	11.3	160	2.12	5.1	0.6	4	3.6	53	0.05	0.3	0.05	50	0.47	0.055	12
1439617	6.2	40	0.05	33.1	13.7	171	2.41	5.4	0.6	14.4	2.9	46	0.05	0.3	0.2	56	0.41	0.06	11
1439618	7.5	40	0.05	28.8	12.3	201	2.34	6.6	1.1	5.6	3.8	46	0.05	0.5	0.1	51	0.4	0.048	14
1439619	4.5	45	0.05	51.3	18	212	2.56	3.2	0.5	4.5	3.7	69	0.05	0.2	0.05	59	0.54	0.075	10
1439620	7.1	36	0.05	22.2	14.1	325	2.24	6.7	0.6	24.7	2.2	63	0.05	0.4	0.1	51	0.5	0.059	10
1439621	7.5	40	0.1	20.2	11.7	192	2.32	8.8	0.6	18.6	3.1	69	0.05	0.4	0.2	53	0.47	0.051	11
1439622	7.7	41	0.05	26.8	12.5	231	2.52	6.7	0.5	5.5	2.8	41	0.05	0.3	0.1	58	0.29	0.044	10
1439623	6.9	38	0.05	25.1	12.1	204	2.2	7.8	0.5	8.8	2.6	43	0.05	0.3	0.1	49	0.3	0.034	10



sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1439592	41	0.59	263	0.043	0	1.68	0.022	0.02	0.1	0.01	3.8	0.05	0.025	4	0.25	0.1
1439593	37	0.53	293	0.038	0	2.15	0.032	0.03	0.1	0.02	4.4	0.05	0.025	5	0.25	0.1
1439594	58	0.61	294	0.038	0	2.37	0.015	0.03	0.1	0.02	5.4	0.05	0.025	6	0.25	0.1
1439595	41	0.76	258	0.043	0	2.49	0.027	0.03	0.05	0.02	3.9	0.05	0.025	6	0.25	0.1
1439596	60	0.82	214	0.048	1	2.26	0.019	0.11	0.05	0.02	3.8	0.05	0.025	5	0.25	0.1
1439597	31	0.53	278	0.044	1	2.01	0.017	0.03	0.1	0.03	3.8	0.05	0.025	5	0.25	0.1
1439598	26	0.32	421	0.025	3	1.9	0.015	0.08	0.2	0.07	2.3	0.05	0.06	4	0.25	0.1
1439599	30	0.5	342	0.037	1	2.19	0.02	0.04	0.1	0.02	3.4	0.05	0.025	5	0.25	0.1
1439600	29	0.49	330	0.036	0	2.14	0.019	0.04	0.2	0.03	3.3	0.05	0.025	5	0.25	0.1
1439601	54	0.62	313	0.038	0	2.56	0.018	0.04	0.1	0.005	3.4	0.05	0.025	5	0.25	0.1
1439602	62	0.67	353	0.038	0	2.73	0.02	0.04	0.05	0.02	5	0.05	0.025	6	0.25	0.1
1439603	28	0.47	298	0.04	0	1.8	0.012	0.03	0.1	0.01	3.5	0.05	0.025	5	0.25	0.1
1439604	129	1.56	555	0.199	0	2.93	0.022	0.61	0.2	0.005	4	0.3	0.025	8	0.25	0.1
1439604	126	1.54	540	0.192	0	2.95	0.023	0.6	0.2	0.005	3.8	0.3	0.025	7	0.25	0.1
1439605	75	1.2	437	0.093	0	2.43	0.04	0.1	0.05	0.005	4.8	0.1	0.025	5	0.25	0.1
1439606	49	0.88	312	0.085	0	1.77	0.014	0.06	0.1	0.005	3.8	0.1	0.025	5	0.25	0.1
1439607	90	1	227	0.081	0	1.91	0.015	0.07	0.05	0.01	3.1	0.1	0.025	6	0.25	0.1
1439608	137	1.34	330	0.113	0	2.03	0.022	0.2	0.05	0.005	3.2	0.2	0.025	5	0.25	0.1
1439609	85	1.01	427	0.129	0	2.21	0.026	0.16	0.3	0.005	4.4	0.2	0.025	5	0.25	0.1
1439610	58	0.84	270	0.075	2	2.22	0.041	0.05	0.05	0.01	4	0.05	0.025	6	0.25	0.1
1439611	56	1.23	188	0.086	0	3.01	0.068	0.06	0.05	0.005	6.4	0.05	0.025	6	0.25	0.1
1439612	51	0.71	379	0.072	1	2.15	0.037	0.09	0.05	0.02	3.3	0.05	0.025	6	0.25	0.1
1439613	77	1.04	331	0.083	0	2.39	0.051	0.07	0.05	0.005	3.9	0.1	0.025	5	0.25	0.1
1439614	65	1.05	441	0.096	0	2.3	0.036	0.29	0.05	0.005	3.6	0.2	0.025	5	0.25	0.1
1439615	80	0.97	361	0.098	0	2.4	0.022	0.12	0.1	0.005	2.5	0.1	0.025	6	0.25	0.1
1439616	53	0.83	300	0.108	0	1.97	0.021	0.04	0.1	0.01	3.4	0.05	0.025	5	0.25	0.1
1439617	64	0.91	325	0.116	0	2.38	0.018	0.06	0.6	0.01	3.1	0.1	0.025	6	0.25	0.1
1439618	47	0.76	324	0.079	1	2.16	0.019	0.06	0.1	0.02	3.7	0.05	0.025	5	0.25	0.1
1439619	109	1.31	452	0.17	0	2.65	0.029	0.29	0.2	0.01	2.9	0.2	0.025	7	0.25	0.1
1439620	38	0.77	239	0.067	0	2.26	0.024	0.05	0.1	0.02	3.2	0.05	0.025	5	0.25	0.1
1439621	38	0.77	264	0.08	0	2.42	0.022	0.06	0.1	0.02	3.5	0.1	0.025	6	0.25	0.1
1439622	52	0.8	268	0.112	0	2.4	0.01	0.12	0.1	0.03	3.3	0.1	0.025	7	0.25	0.1
1439623	42	0.71	235	0.067	0	2.27	0.013	0.04	0.2	0.03	3.3	0.05	0.025	5	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1439624	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	611947	7038631	-138.7542758	63.45843142		1003
1439625	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	611947	7038631	-138.7542758	63.45843142	1439624	997
1439626	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	611921	7038631	-138.7547969	63.4584396		999
1439627	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	611897	7038631	-138.7552779	63.45844714		1009
1439628	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	611872	7038631	-138.7557789	63.458455		1003
1439629	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	611847	7038631	-138.75628	63.45846286		1020
1439630	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	611821	7038631	-138.7568011	63.45847104		1015
1439631	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	611796	7038630	-138.7573028	63.45846992		1024
1439632	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	611772	7038630	-138.7577839	63.45847746		1017
1439633	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	611747	7038630	-138.7582849	63.45848532		1017
1439634	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	611721	7038630	-138.758806	63.45849348		1022
1439635	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	611695	7038631	-138.7593264	63.45851061		1016
1439636	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	611671	7038631	-138.7598074	63.45851814		1011
1439637	BHC	Brian Hyde BH01	10/18/2016 0:00	07N	611645	7038631	-138.7603285	63.4585263		1009
1439638	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612950	7037729	-138.7348135	63.45002559		781
1439639	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612924	7037729	-138.7353344	63.45003384		797
1439640	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612898	7037729	-138.7358553	63.45004209		771
1439641	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612874	7037729	-138.7363362	63.4500497		762
1439642	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612848	7037728	-138.7368579	63.45004898		772
1439643	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612825	7037729	-138.737318	63.45006523		766
1439644	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612799	7037728	-138.7378396	63.45006451		773
1439645	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612773	7037729	-138.7383598	63.45008171		785
1439646	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612749	7037729	-138.7388407	63.45008932		784
1439647	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612724	7037729	-138.7393416	63.45009723		790
1439648	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612700	7037729	-138.7398225	63.45010483		791
1439649	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612675	7037728	-138.7403241	63.45010378		795
1439650	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612675	7037728	-138.7403241	63.45010378	1439649	801
1439651	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612647	7037729	-138.7408844	63.45012161		800
1439652	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612623	7037728	-138.741366	63.45012024		801
1439653	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612599	7037729	-138.7418461	63.4501368		818
1439654	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612573	7037728	-138.7423678	63.45013605		822
1439655	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612548	7037727	-138.7428694	63.45013499		829
1439656	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612523	7037729	-138.7433689	63.45016083		834

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_covr	sample_moisture	sample_quality	sample_texture
1439624	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Reindeer Moss	Dry	Good	Silt
1439625	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Reindeer Moss	Dry	Good	Silt
1439626	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Reindeer Moss	Dry	Good	Silt
1439627	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Reindeer Moss	Dry	Good	Silt
1439628	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Reindeer Moss	Dry	Good	Silt
1439629	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Sphagnum Moss < Dry		Good	Silt
1439630	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Sphagnum Moss < Dry		Good	Silt
1439631	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Sphagnum Moss < Dry		Good	Silt
1439632	Auger	30	C	Subtle Slope	Chocolate Brown	Old Burn	Sphagnum Moss < Dry		Good	Silt
1439633	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Sphagnum Moss < Dry		Good	Silt
1439634	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Sphagnum Moss < Damp		Poor	Silt
1439635	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Sphagnum Moss < Dry		Good	Silt
1439636	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Sphagnum Moss < Dry		Good	Silt
1439637	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Sphagnum Moss < Dry		Good	Silt
1439638	Auger	90	B	Flat	Dark Brown	Alders	Sphagnum Moss < Wet		Poor	Silt
1439639	Auger	60	B	Flat	Dark Brown	Black Spruce	Sphagnum Moss > Damp		Poor	Silt
1439640	Auger	60	B	Subtle Slope	Chocolate Brown	Black Spruce	Sphagnum Moss < Damp		Poor	Silt
1439641	Auger	70	B	Subtle Slope	Dark Brown	Black Spruce	Sphagnum Moss < Dry		Poor	Silt
1439642	Auger	60	B	Subtle Slope	Chocolate Brown	Alders	Leaf Cover	Dry	Good	Silt
1439643	Auger	90	C	Subtle Slope	Chocolate Brown	Alders	Leaf Cover	Dry	Good	Silt
1439644	Auger	60	C	Subtle Slope	Chocolate Brown	Black Spruce	Leaf Cover	Dry	Good	Silt
1439645	Auger	80	B	Subtle Slope	Chocolate Brown	Alders	Leaf Cover	Dry	Good	Silt
1439646	Auger	60	B	Subtle Slope	Chocolate Brown	Alders	Leaf Cover	Dry	Poor	Silt
1439647	Auger	100	B	Subtle Slope	Chocolate Brown	Alders	Sphagnum Moss < Damp		Poor	Clay
1439648	Auger	80	B	Subtle Slope	Chocolate Brown	Alders	Sphagnum Moss < Dry		Poor	Clay
1439649	Auger	100	C	Subtle Slope	Chocolate Brown	Alders	Leaf Cover	Dry	Good	Silt
1439650	Auger	100	C	Subtle Slope	Chocolate Brown	Alders	Leaf Cover	Dry	Good	Silt
1439651	Auger	100	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Poor	Clay
1439652	Auger	100	B	Subtle Slope	Chocolate Brown	Old Burn	Sphagnum Moss < Damp		Poor	Clay
1439653	Auger	100	B	Subtle Slope	Chocolate Brown	Old Burn	Sphagnum Moss < Damp		Poor	Clay
1439654	Auger	100	B	Subtle Slope	Chocolate Brown	Black Spruce	Sphagnum Moss < Damp		Poor	Clay
1439655	Auger	100	B	Subtle Slope	Chocolate Brown	Alders	Leaf Cover	Damp	Poor	Clay
1439656	Auger	40	B	Subtle Slope	Chocolate Brown	Alders	Leaf Cover	Dry	Good	Silt

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1439624				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	26.3
1439625				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	26.8
1439626				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	26.7
1439627				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	30.9
1439628	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	26.6
1439629				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	26.4
1439630				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	21.9
1439631				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	27.1
1439632				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	18.5
1439633				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	27.4
1439634	Organic 25%	Frozen	Small	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	24.5
1439635				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	26.2
1439636				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	27.2
1439637				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	1.1	22.5
1439638	Organic 25%	Possible Creek Contamination		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	1.1	22.6
1439639	Organic 25%	Possible Creek Contamination		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	1	24.3
1439640	Organic 25%	Possible Creek Contamination		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.3	28.5
1439641	Organic 25%	Partially Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	25
1439642				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	28.3
1439643				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	1	22.6
1439644				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	29
1439645				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	31.2
1439646	Organic 25%			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	27.1
1439647	Organic 25%			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	32
1439648	Mud			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	34.5
1439649				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	14.5
1439650				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	14.6
1439651	Organic 25%	Small Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.8	31
1439652	Organic 25%			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	36.4
1439653	Organic 25%			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	42.8
1439654	Organic 25%			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.7	46.3
1439655	Organic 25%	Mud		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	48.7
1439656	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	45.3

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1439624	8.2	38	0.05	21.5	11.1	203	2.33	8.4	0.5	8	1.7	54	0.05	0.4	0.2	55	0.36	0.03	12
1439625	8	43	0.05	22.8	12.7	214	2.46	8.2	0.5	11	2.7	63	0.05	0.4	0.2	57	0.41	0.031	13
1439626	7.3	46	0.05	30.3	12.9	236	2.45	7.6	0.7	4.1	4.4	53	0.05	0.4	0.1	55	0.4	0.033	15
1439627	6.5	45	0.05	21.4	15	313	2.71	4.4	0.8	2	5.1	128	0.05	0.1	0.05	76	0.8	0.082	17
1439628	7.7	43	0.05	21.1	11	204	2.16	7.8	0.6	5.6	2.8	58	0.05	0.4	0.1	48	0.36	0.035	12
1439629	7.1	40	0.05	20.6	11.3	230	2.35	6.8	0.7	15.3	3.1	61	0.05	0.3	0.1	51	0.49	0.037	12
1439630	6.2	30	0.05	22.1	13.4	198	2.09	4.3	0.4	3.4	2.3	58	0.05	0.2	0.05	42	0.43	0.055	8
1439631	9.7	45	0.05	22.7	12.1	275	2.5	8.9	0.8	6.4	4.5	28	0.05	0.5	0.2	52	0.23	0.027	15
1439632	9.9	36	0.05	18.6	10.4	214	2.55	8.4	0.5	44.5	4.6	44	0.05	0.3	0.2	49	0.34	0.042	14
1439633	7.6	37	0.05	27.2	15.4	191	2.27	10.3	0.5	3	2.6	71	0.05	0.2	0.1	47	0.37	0.045	11
1439634	8.3	26	0.1	21.5	10.7	223	1.63	9.8	0.5	2	1.2	57	0.2	0.2	0.1	36	0.41	0.057	10
1439635	8.1	41	0.05	25.3	12	209	2.41	9.1	0.5	2.3	2.8	48	0.05	0.4	0.1	51	0.44	0.038	11
1439636	9.4	45	0.05	25.8	12.6	207	2.39	9	0.6	2	2.4	47	0.1	0.5	0.2	50	0.35	0.042	12
1439637	10.6	50	0.05	24.3	11.1	225	2.69	9.7	0.7	1.5	3.5	33	0.1	0.6	0.2	61	0.24	0.03	13
1439638	9.5	60	0.1	19	9.7	459	2.48	10.2	1.6	2.7	5.5	36	0.2	0.9	0.3	41	0.57	0.073	22
1439639	7	49	0.05	23	12.6	620	2.36	14.8	2.1	2.1	3.8	69	0.1	0.6	0.1	45	1.06	0.083	18
1439640	4.9	38	0.05	42.3	13.2	297	2.26	6	0.8	3.4	3.3	63	0.05	0.3	0.2	46	0.88	0.076	12
1439641	7	41	0.1	27.5	10.7	311	1.9	7.1	1.6	4.8	6.7	58	0.2	0.6	0.1	38	0.89	0.077	25
1439642	8.9	46	0.1	25.1	11	334	2.29	12.4	2.4	4.7	8.2	38	0.05	0.8	0.2	43	0.48	0.046	20
1439643	10.4	59	0.1	24.1	10.4	478	2.37	10.4	2.4	3.8	16.6	44	0.2	1	0.4	40	0.58	0.064	40
1439644	9.1	41	0.05	35.4	14.1	343	2.4	9.5	1.5	5.3	6.5	40	0.05	0.6	0.6	51	0.61	0.052	16
1439645	8.8	42	0.2	49.3	13.4	326	2.14	7.5	2.1	5.7	4.5	53	0.2	0.7	0.3	39	1.13	0.068	16
1439646	11	43	0.05	42.3	17.2	617	2.35	9.2	1.5	4.2	3.4	62	0.1	0.6	0.2	45	0.91	0.08	17
1439647	11.2	48	0.05	32.5	11.4	342	2.28	8.9	1.1	4.7	5.3	43	0.1	0.7	0.1	45	0.6	0.055	16
1439648	11.4	52	0.05	33.5	11.6	317	2.41	9.8	1.2	4.1	6.2	41	0.1	0.7	0.2	50	0.56	0.053	17
1439649	11.1	67	0.05	16.3	9.8	396	3	6.6	2	1.1	25.5	36	0.05	0.8	0.05	40	0.49	0.081	22
1439650	11.5	63	0.05	18.4	8.8	392	2.71	8	2.1	16.1	29.3	33	0.2	0.7	0.1	33	0.5	0.071	37
1439651	7.4	42	0.1	43.5	11.2	353	1.88	6.6	0.6	3.4	2	60	0.2	0.5	0.1	37	1.05	0.057	10
1439652	7	36	0.1	52	12.7	387	1.84	6.3	0.8	3.3	2	62	0.3	0.6	0.1	37	1.09	0.056	11
1439653	10.4	50	0.1	51.8	13.7	377	2.25	9.3	0.8	2.8	3.3	52	0.2	0.8	0.3	45	0.92	0.047	12
1439654	11	55	0.1	53.7	15.1	428	2.46	10.6	0.8	2.3	4	54	0.2	0.7	0.1	47	0.85	0.054	15
1439655	10.3	50	0.1	48.1	12.9	326	2.42	8.9	1.1	7.1	3.1	52	0.2	0.9	0.2	50	0.98	0.039	14
1439656	9.5	51	0.1	51.8	14.2	321	2.58	10.7	0.5	4.9	3.6	40	0.05	0.8	0.2	50	1.06	0.036	13

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1439624	36	0.68	251	0.063	0	2.38	0.013	0.04	0.1	0.02	3.3	0.1	0.025	6	0.25	0.1
1439625	40	0.78	277	0.075	0	2.53	0.017	0.04	0.1	0.005	3.7	0.1	0.025	6	0.25	0.1
1439626	61	0.87	299	0.083	0	2.36	0.015	0.16	0.1	0.01	3.7	0.2	0.025	6	0.25	0.1
1439627	41	1.31	706	0.19	0	3.18	0.053	0.43	0.1	0.005	4.8	0.3	0.025	8	0.25	0.1
1439628	31	0.6	274	0.05	0	2.28	0.016	0.04	0.1	0.02	3.4	0.05	0.025	5	0.25	0.1
1439629	37	0.85	224	0.05	0	2.13	0.011	0.03	0.1	0.02	4.9	0.05	0.025	5	0.25	0.1
1439630	39	0.91	292	0.063	0	3.15	0.011	0.05	0.05	0.005	3.3	0.05	0.025	6	0.25	0.1
1439631	36	0.56	253	0.061	0	2.37	0.008	0.05	0.1	0.03	4.3	0.2	0.025	5	0.25	0.1
1439632	43	0.8	226	0.102	0	2.44	0.009	0.11	0.1	0.01	4	0.2	0.025	8	0.25	0.1
1439633	39	0.87	341	0.075	0	3.11	0.018	0.06	0.05	0.01	3.3	0.05	0.025	7	0.25	0.1
1439634	34	0.45	232	0.042	0	1.71	0.013	0.04	0.1	0.03	2.4	0.05	0.025	4	0.25	0.1
1439635	45	0.72	220	0.062	1	2.39	0.014	0.03	0.1	0.02	3.5	0.05	0.025	6	0.25	0.1
1439636	37	0.6	294	0.044	0	2.5	0.011	0.04	0.1	0.03	3.4	0.1	0.025	6	0.25	0.1
1439637	39	0.55	234	0.061	1	2.38	0.007	0.05	0.1	0.03	3.9	0.1	0.025	6	0.25	0.1
1439638	25	0.44	358	0.045	1	1.13	0.011	0.07	0.3	0.05	3.6	0.05	0.025	4	0.25	0.1
1439639	38	0.6	282	0.051	0	1.42	0.022	0.08	0.2	0.04	3.7	0.05	0.05	4	0.25	0.1
1439640	80	1.05	269	0.078	1	1.84	0.028	0.1	0.1	0.03	4.3	0.05	0.025	5	0.25	0.1
1439641	51	0.69	229	0.06	2	1.64	0.025	0.09	0.2	0.04	3.9	0.1	0.025	5	0.25	0.1
1439642	44	0.56	287	0.05	0	1.57	0.018	0.06	0.2	0.03	4.6	0.05	0.025	4	0.25	0.1
1439643	45	0.71	239	0.053	0	1.62	0.019	0.2	0.2	0.03	4.3	0.2	0.025	6	0.25	0.1
1439644	87	0.82	246	0.068	0	1.78	0.02	0.08	0.2	0.02	4.5	0.1	0.025	5	0.25	0.1
1439645	103	0.91	311	0.048	0	1.46	0.019	0.09	0.2	0.03	4.1	0.05	0.025	4	0.25	0.1
1439646	80	0.84	347	0.044	0	1.7	0.022	0.08	0.2	0.03	4.5	0.05	0.025	5	0.25	0.1
1439647	44	0.55	337	0.055	0	1.55	0.02	0.07	0.1	0.04	4.1	0.05	0.025	5	0.25	0.1
1439648	43	0.55	336	0.07	0	1.72	0.023	0.09	0.2	0.03	4.5	0.05	0.025	5	0.25	0.1
1439649	35	0.72	237	0.086	0	1.83	0.015	0.56	0.05	0.005	5.8	0.5	0.025	10	0.25	0.1
1439650	30	0.62	217	0.066	2	1.64	0.012	0.4	0.05	0.01	4.8	0.4	0.025	9	0.25	0.1
1439651	44	0.57	297	0.041	3	1.31	0.019	0.04	0.2	0.05	3.4	0.05	0.025	3	0.5	0.1
1439652	47	0.6	354	0.039	2	1.33	0.019	0.04	0.2	0.05	3	0.05	0.025	3	0.25	0.1
1439653	52	0.65	381	0.045	2	1.52	0.02	0.05	0.2	0.04	4.1	0.1	0.025	4	0.25	0.1
1439654	53	0.67	397	0.059	2	1.71	0.022	0.05	0.2	0.05	5.5	0.05	0.025	5	0.25	0.1
1439655	51	0.68	381	0.043	1	1.68	0.019	0.05	0.1	0.05	4.5	0.05	0.025	5	0.25	0.1
1439656	59	0.82	362	0.048	2	1.8	0.018	0.05	0.2	0.03	4.8	0.05	0.025	5	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1439657	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612498	7037730	-138.7438691	63.4501777		843
1439658	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612473	7037729	-138.7443707	63.45017663		845
1439659	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612449	7037728	-138.7448523	63.45017525		863
1439660	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612423	7037729	-138.7453725	63.45019243		843
1439661	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612398	7037729	-138.7458734	63.45020032		868
1439662	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612372	7037728	-138.746395	63.45019956		878
1439663	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612349	7037728	-138.7468559	63.45020682		882
1439664	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612323	7037727	-138.7473775	63.45020606		866
1439665	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612297	7037728	-138.7478978	63.45022323		884
1439666	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612273	7037729	-138.7483779	63.45023977		874
1439667	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612247	7037728	-138.7488996	63.450239		866
1439668	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612222	7037727	-138.7494012	63.45023792		867
1439669	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612199	7037729	-138.7498606	63.4502631		852
1439670	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612172	7037730	-138.7504009	63.45028058		863
1439671	BHC	Brian Hyde BH01	10/19/2016 0:00	07N	612149	7037728	-138.7508631	63.45026989		848
1439672	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	610944	7038229	-138.7746584	63.45514045		1229
1439673	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	610969	7038230	-138.7741567	63.45514163		868
1439674	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	610996	7038230	-138.7736156	63.45513321		839
1439675	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	610996	7038230	-138.7736156	63.45513321	1439674	850
1439676	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611019	7038229	-138.7731553	63.45511706		858
1439677	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611045	7038230	-138.7726336	63.45511792		859
1439678	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611069	7038229	-138.7721533	63.45510146		854
1439679	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611094	7038230	-138.7716516	63.45510263		883
1439680	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611120	7038229	-138.7711313	63.45508554		878
1439681	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611145	7038230	-138.7706296	63.4550867		885
1439682	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611170	7038229	-138.7701293	63.45506993		904
1439683	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611194	7038229	-138.7696483	63.45506243		897
1439684	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611221	7038229	-138.7691073	63.45505399		922
1439685	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611246	7038230	-138.7686056	63.45505514		903
1439686	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611270	7038230	-138.7681246	63.45504764		929
1439687	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611295	7038229	-138.7676243	63.45503086		936
1439688	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611320	7038230	-138.7671226	63.455032		952
1439689	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611346	7038230	-138.7666016	63.45502387		959

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1439657	Auger	30	B	Subtle Slope	Chocolate Brown	Pine	Leaf Cover	Dry	Good	Silt
1439658	Auger	40	C	Subtle Slope	Chocolate Brown	Alders	Sphagnum Moss < Dry		Excellent	Silt
1439659	Auger	40	C	Subtle Slope	Chocolate Brown	Alders	Sphagnum Moss < Dry		Excellent	Silt
1439660	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Sphagnum Moss < Dry		Excellent	Silt
1439661	Auger	60	B	Subtle Slope	Chocolate Brown	Old Burn	Sphagnum Moss < Dry		Good	Silt
1439662	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Sphagnum Moss < Dry		Poor	Silt
1439663	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439664	Auger	30	C	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Good	Silt
1439665	Auger	70	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439666	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439667	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439668	Auger	60	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439669	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Sphagnum Moss < Dry		Good	Silt
1439670	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439671	Auger	80	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439672	Auger	100	B	Subtle Slope	Dark Brown	Old Burn	Grass Cover	Damp	Poor	Clay
1439673	Auger	80	B	Subtle Slope	Dark Brown	Old Burn	Grass Cover	Damp	Poor	Clay
1439674	Auger	110	B	Subtle Slope	Dark Brown	Old Burn	Grass Cover	Damp	Poor	Silt
1439675	Auger	110	B	Subtle Slope	Dark Brown	Old Burn	Grass Cover	Damp	Poor	Silt
1439676	Auger	80	B	Subtle Slope	Dark Brown	Black Spruce	Grass Cover	Damp	Poor	Clay
1439677	Auger	110	B	Subtle Slope	Dark Brown	Black Spruce	Grass Cover	Damp	Poor	Clay
1439678	Auger	80	B	Subtle Slope	Dark Brown	Black Spruce	Grass Cover	Damp	Poor	Silt
1439679	Auger	70	B	Subtle Slope	Dark Brown	Black Spruce	Sphagnum Moss < Damp		Poor	Clay
1439680	Auger	70	B	Subtle Slope	Dark Brown	Black Spruce	Grass Cover	Damp	Poor	Clay
1439681	Auger	70	B	Subtle Slope	Chocolate Brown	Black Spruce	Sphagnum Moss < Damp		Poor	Silt
1439682	Auger	60	B	Subtle Slope	Dark Brown	Black Spruce	Sphagnum Moss < Damp		Poor	Clay
1439683	Auger	60	B	Subtle Slope	Dark Brown	Black Spruce	Sphagnum Moss < Damp		Poor	Clay
1439684	Auger	70	B	Pronounced Slope	Dark Brown	Black Spruce	Sphagnum Moss < Damp		Poor	Silt
1439685	Auger	70	B	Pronounced Slope	Dark Brown	Black Spruce	Sphagnum Moss < Damp		Poor	Clay
1439686	Auger	80	B	Pronounced Slope	Chocolate Brown	Black Spruce	Sphagnum Moss > Damp		Poor	Clay
1439687	Auger	80	B	Pronounced Slope	Dark Brown	Black Spruce	Grass Cover	Damp	Poor	Silt
1439688	Auger	40	B	Subtle Slope	Chocolate Brown	Black Spruce	Grass Cover	Dry	Poor	Silt
1439689	Auger	50	B	Subtle Slope	Dark Brown	Old Burn	Sphagnum Moss < Damp		Poor	Clay



sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1439657				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	36.6
1439658				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	24.9
1439659	Quartz Chips			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	41
1439660	Quartz Chips			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	53.1
1439661				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	41.9
1439662				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	53.3
1439663				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	30.6
1439664				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	43.2
1439665				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	26.1
1439666				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	20.7
1439667				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	17.8
1439668				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	27.5
1439669				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.9	30.2
1439670				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	37.3
1439671				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.2	40.9
1439672	Organic 25%			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.3	43.9
1439673	Organic 25%			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	57.6
1439674	Organic 25%			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.2	67
1439675	Organic 25%			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	59.1
1439676	Organic 25%			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	49.9
1439677	Organic 25%			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	35.3
1439678	Organic 25%	Partially Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.8	30.1
1439679	Organic 25%	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.8	34.2
1439680	Organic 25%	Partially Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	29.2
1439681	Organic 10%	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.7	27.4
1439682	Organic 25%	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	21.4
1439683	Organic 25%	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	25.6
1439684	Organic 25%	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	25.2
1439685	Frozen	Organic 50%		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	39.1
1439686	Organic 25%	Mud		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	28.1
1439687	Organic 25%	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.7	33.2
1439688	Organic 10%	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	23.3
1439689	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	20.6

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1439657	8.7	43	0.05	50.4	15.1	385	2.59	9.8	0.6	6.9	3	79	0.1	0.5	0.2	54	3.98	0.044	10
1439658	8.8	32	0.05	49.9	12.5	352	2.28	9.6	0.6	2.5	2.1	145	0.1	0.4	0.1	52	8.97	0.033	8
1439659	8.7	40	0.1	44	15.2	338	2.42	9.5	0.5	15.4	3.1	56	0.05	0.5	0.2	50	2.61	0.034	11
1439660	10.6	48	0.05	47.5	16.2	382	2.42	11.3	0.4	6.9	3.8	43	0.05	0.7	0.2	48	1.92	0.024	14
1439661	9.1	36	0.05	44.6	14.7	279	2.11	7.9	0.5	10.7	2.7	57	0.1	0.4	0.1	48	2.26	0.025	9
1439662	8.3	35	0.1	57.9	17.4	312	1.83	9.1	0.4	2.1	2	72	0.2	0.4	0.05	39	3.14	0.033	8
1439663	8.5	29	0.05	41.3	12.3	110	1.96	6.8	0.2	1.1	1.5	31	0.05	0.3	0.05	46	0.22	0.014	6
1439664	4.5	24	0.05	57.7	16.4	126	1.5	3.7	0.1	0.6	0.9	76	0.05	0.1	0.05	30	0.49	0.031	3
1439665	10.6	50	0.05	29.1	10.5	241	2.48	9.4	0.6	1.8	3.8	27	0.05	0.6	0.2	51	0.28	0.03	14
1439666	9.2	49	0.1	27.2	12	193	2.4	9.1	0.3	0.5	2.4	29	0.2	0.5	0.2	58	0.24	0.026	9
1439667	4.8	23	0.05	30.5	7.4	109	1.16	5.2	2.3	2.1	1.4	154	0.1	0.2	0.05	34	6.27	0.05	8
1439668	11.4	46	0.1	30.2	12.9	793	2.39	9.1	0.6	2.6	2.5	36	0.2	0.6	0.2	52	0.96	0.027	12
1439669	9.1	39	0.05	40.4	12.8	225	2.36	10.2	0.4	3	2.1	31	0.05	0.5	0.2	56	0.36	0.03	10
1439670	9	28	0.05	47.5	20.2	154	2.31	8.6	0.6	0.8	2.5	222	0.05	0.3	0.05	57	1.08	0.065	7
1439671	6.1	30	0.05	45.9	15.7	300	1.63	4.9	0.6	6.9	4.1	82	0.05	0.2	0.05	35	0.69	0.07	11
1439672	6.2	48	0.05	87	23.1	321	2.48	10.8	0.6	1.2	2.2	27	0.2	0.4	0.05	33	0.48	0.045	7
1439673	6.1	44	0.05	106.7	28.5	469	2.67	9.7	0.6	1.3	2.2	29	0.2	0.4	0.05	31	0.49	0.047	8
1439674	6.2	50	0.1	124.2	32.5	319	3.21	13.3	0.7	7.2	2.6	33	0.2	0.4	0.05	38	0.42	0.042	8
1439675	5.9	52	0.05	119.2	39.3	467	2.93	11.4	0.7	4.3	2.6	29	0.2	0.3	0.05	32	0.43	0.051	8
1439676	6	45	0.05	96.4	21.6	217	2.25	8	0.7	3	2.2	31	0.2	0.3	0.05	31	0.45	0.049	7
1439677	5.7	41	0.05	66.9	21.4	372	2.07	10.3	0.5	4.3	2	30	0.1	0.3	0.05	33	0.36	0.042	7
1439678	5	37	0.05	51.9	41.2	1964	1.88	13.5	0.5	2.3	0.9	41	0.2	0.4	0.05	32	0.66	0.071	6
1439679	6.1	35	0.2	46.3	20.5	288	2.16	15	0.8	1.3	1	32	0.05	0.2	0.05	42	0.37	0.055	8
1439680	6.8	39	0.1	40.2	15	158	1.93	15	0.8	3.7	1.7	36	0.05	0.2	0.05	37	0.35	0.051	8
1439681	6.5	38	0.1	35.4	14.4	233	2.05	17.2	0.6	3	2	54	0.05	0.3	0.05	40	0.44	0.054	7
1439682	5.9	32	0.1	21.4	13.1	247	1.75	11.5	0.8	2	1.7	59	0.05	0.3	0.05	39	0.49	0.065	8
1439683	7.1	35	0.1	23.8	14.8	338	2.01	14.2	1	3.2	2	63	0.05	0.3	0.1	44	0.58	0.058	10
1439684	8.1	33	0.1	21.3	12.2	312	1.82	13.2	1.1	2.9	2.3	63	0.05	0.3	0.1	40	0.56	0.048	10
1439685	6.3	36	0.3	28.5	19.7	748	2.1	15.9	1.6	5.4	1.7	94	0.2	0.5	0.05	40	1.09	0.08	14
1439686	7.9	40	0.1	29.3	14.5	346	2.21	14.2	1	3	2.3	57	0.1	0.3	0.05	47	0.58	0.046	9
1439687	7	33	0.2	27.6	15.7	471	1.93	14.6	1.6	8.8	1.8	82	0.05	0.5	0.05	38	0.87	0.058	14
1439688	8.2	33	0.1	21.3	11.6	328	1.76	9.1	0.7	1.6	1.1	54	0.1	0.3	0.1	41	0.46	0.044	8
1439689	7.5	33	0.1	18.4	11.1	300	1.97	12.5	0.7	4.4	1.5	59	0.05	0.4	0.1	45	0.55	0.058	9

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1439657	55	1.14	349	0.047	2	1.98	0.023	0.04	0.2	0.03	4.8	0.05	0.025	5	0.25	0.1
1439658	60	1.46	254	0.049	2	1.86	0.01	0.04	0.2	0.02	4.2	0.05	0.025	6	0.25	0.1
1439659	49	1.04	323	0.038	1	1.88	0.021	0.04	0.2	0.04	4.8	0.05	0.025	5	0.25	0.1
1439660	44	0.87	365	0.04	1	1.69	0.023	0.05	0.2	0.04	4.8	0.05	0.025	4	0.25	0.1
1439661	48	0.95	336	0.036	1	2.05	0.026	0.03	0.1	0.03	4.1	0.05	0.025	5	0.25	0.1
1439662	58	1.12	295	0.031	0	1.67	0.032	0.04	0.1	0.03	3.6	0.05	0.025	4	0.25	0.1
1439663	52	0.47	140	0.03	0	1.82	0.013	0.03	0.05	0.005	2.6	0.05	0.025	5	0.25	0.1
1439664	63	0.56	317	0.029	0	2.45	0.024	0.03	0.05	0.005	1.9	0.05	0.025	4	0.25	0.1
1439665	36	0.5	312	0.049	0	1.62	0.017	0.05	0.2	0.02	4.4	0.05	0.025	4	0.25	0.1
1439666	36	0.5	305	0.034	0	1.95	0.013	0.04	0.1	0.005	2.7	0.05	0.025	5	0.25	0.1
1439667	20	0.62	200	0.026	0	1.02	0.007	0.03	0.1	0.02	2.1	0.05	0.025	3	0.25	0.1
1439668	33	0.52	375	0.039	1	1.63	0.016	0.06	0.4	0.04	3.9	0.05	0.025	5	0.25	0.1
1439669	57	0.54	302	0.039	0	1.96	0.017	0.04	0.2	0.01	3.3	0.05	0.025	6	0.25	0.1
1439670	64	0.72	795	0.043	0	4.84	0.087	0.06	0.1	0.02	3.3	0.05	0.025	10	0.25	0.1
1439671	84	1.04	260	0.039	0	1.68	0.037	0.05	0.1	0.02	3.3	0.05	0.025	4	0.25	0.1
1439672	77	0.95	210	0.04	2	1.16	0.012	0.03	0.1	0.03	2.8	0.05	0.025	3	0.25	0.1
1439673	89	1.02	217	0.039	2	1.19	0.012	0.03	0.1	0.04	3.1	0.05	0.025	3	0.5	0.1
1439674	109	1.12	244	0.044	1	1.37	0.013	0.03	0.1	0.04	3.5	0.05	0.025	3	0.25	0.1
1439675	94	1.09	221	0.04	1	1.32	0.013	0.03	0.05	0.03	3	0.05	0.025	3	0.5	0.1
1439676	96	1.05	221	0.035	2	1.33	0.013	0.03	0.1	0.03	2.9	0.05	0.025	3	0.25	0.1
1439677	88	0.9	239	0.036	0	1.28	0.016	0.03	0.1	0.04	2.7	0.05	0.025	3	0.6	0.1
1439678	69	0.71	229	0.024	2	1.07	0.013	0.03	0.1	0.05	2	0.05	0.05	3	0.25	0.1
1439679	72	0.63	226	0.031	0	1.94	0.01	0.03	0.2	0.04	3	0.05	0.025	5	0.25	0.1
1439680	62	0.58	225	0.037	1	2.02	0.011	0.03	0.1	0.04	3.3	0.05	0.025	5	0.25	0.1
1439681	52	0.6	236	0.035	0	2.2	0.017	0.02	0.2	0.03	3.2	0.05	0.025	5	0.25	0.1
1439682	32	0.46	274	0.031	0	2.38	0.015	0.03	0.1	0.05	3.1	0.05	0.025	5	0.25	0.1
1439683	34	0.47	328	0.032	0	2.86	0.018	0.03	0.1	0.05	3.6	0.05	0.025	6	0.25	0.1
1439684	33	0.46	285	0.037	0	2.57	0.019	0.03	0.1	0.04	3.5	0.05	0.025	5	0.25	0.1
1439685	36	0.41	438	0.025	0	3.75	0.014	0.04	0.05	0.07	4.4	0.05	0.07	7	0.25	0.1
1439686	40	0.53	337	0.037	0	3.27	0.02	0.03	0.1	0.03	3.4	0.05	0.025	7	0.25	0.1
1439687	36	0.44	367	0.035	2	3.05	0.017	0.03	0.1	0.07	4	0.05	0.025	7	0.25	0.1
1439688	35	0.47	282	0.031	0	2.11	0.013	0.03	0.1	0.04	2.9	0.05	0.025	6	0.25	0.1
1439689	26	0.47	306	0.027	0	2.15	0.013	0.03	0.2	0.04	3	0.05	0.025	5	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1439690	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611370	7038229	-138.7661213	63.45500739		936
1439690	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611370	7038229	-138.7661213	63.45500739		936
1439691	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611396	7038231	-138.7655989	63.45501719		978
1439692	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611420	7038230	-138.7651186	63.45500071		981
1439693	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611445	7038230	-138.7646176	63.45499288		984
1439694	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611471	7038230	-138.7640966	63.45498474		978
1439695	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611495	7038228	-138.763617	63.45495929		970
1439696	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611521	7038230	-138.7630946	63.45496907		981
1439697	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611546	7038230	-138.7625936	63.45496124		991
1439698	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611572	7038230	-138.7620726	63.45495309		985
1439699	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611596	7038229	-138.7615923	63.4549366		1008
1439700	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611596	7038229	-138.7615923	63.4549366	1439699	996
1439701	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611621	7038230	-138.7610906	63.45493772		978
1439702	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611646	7038230	-138.7605896	63.45492988		994
1439703	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611671	7038229	-138.7600893	63.45491307		982
1439704	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611696	7038230	-138.7595876	63.45491419		990
1439705	BHC	Brian Hyde BH01	10/20/2016 0:00	07N	611721	7038230	-138.7590867	63.45490634		978
1439706	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611170	7037928	-138.7703394	63.45237059		935
1439707	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611144	7037928	-138.7708604	63.45237871		923
1439708	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611196	7037928	-138.7698184	63.45236246		924
1439709	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611221	7037928	-138.7693175	63.45235465		952
1439710	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611244	7037928	-138.7688566	63.45234746		934
1439711	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611271	7037929	-138.7683149	63.45234799		960
1439712	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611294	7037928	-138.7678547	63.45233183		971
1439713	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611322	7037928	-138.7672936	63.45232308		953
1439714	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611346	7037927	-138.7668134	63.4523066		960
1439715	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611371	7037927	-138.7663125	63.45229878		940
1439716	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611396	7037928	-138.7658108	63.45229992		976
1439717	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611421	7037928	-138.7653099	63.4522921		970
1439718	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611445	7037928	-138.7648289	63.45228458		979
1439719	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611472	7037928	-138.7642879	63.45227613		964
1439720	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611496	7037928	-138.763807	63.45226861		978
1439720	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611496	7037928	-138.763807	63.45226861		978

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1439690	Auger	70	B	Subtle Slope	Chocolate Brown	Black Spruce	Sphagnum Moss < Dry		Poor	Silt
1439690	Auger	70	B	Subtle Slope	Chocolate Brown	Black Spruce	Sphagnum Moss < Dry		Poor	Silt
1439691	Auger	60	B	Subtle Slope	Dark Brown	Black Spruce	Sphagnum Moss < Dry		Good	Silt
1439692	Auger	30	B	Subtle Slope	Chocolate Brown	Black Spruce	Bare Soil	Dry	Good	Silt
1439693	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439694	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439695	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439696	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439697	Auger	50	B	Subtle Slope	Dark Blue Black	Old Burn	Grass Cover	Dry	Good	Silt
1439698	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439699	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439700	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439701	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439702	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439703	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439704	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439705	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439706	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439707	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439708	Auger	20	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439709	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439710	Auger	40	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439711	Auger	30	B	Pronounced Slope	Chocolate Brown	Poplar	Grass Cover	Dry	Good	Silt
1439712	Auger	70	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439713	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439714	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439715	Auger	80	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439716	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439717	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439718	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439719	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439720	Auger	40	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439720	Auger	40	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1439690	Organic 25%	Partially Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	21.5
1439690	Organic 25%	Partially Frozen		REP	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	21.5
1439691				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	26.2
1439692	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	28.6
1439693	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	26.3
1439694	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	19.6
1439695				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	15.9
1439696				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	19.3
1439697				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	18.2
1439698				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	22.5
1439699	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	18.8
1439700	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	17
1439701	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	18.8
1439702	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	13.4
1439703	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.8	21.9
1439704	Partially Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	16.3
1439705				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	22.2
1439706				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	46.9
1439707				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	20.2
1439708				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.8	34.4
1439709				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.8	32.4
1439710				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	4.6	192.4
1439711				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.9	35.1
1439712				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.9	46.3
1439713				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	1	67.6
1439714				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	33.4
1439715				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	46.9
1439716				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	40.6
1439717				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	70.2
1439718				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	36.2
1439719	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	80.4
1439720				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.2	108.3
1439720				REP	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.2	108.4

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1439690	6.7	32	0.2	16.9	9.7	223	1.75	12.7	0.8	2.3	1.4	62	0.1	0.4	0.05	40	0.61	0.066	9
1439690	6.8	31	0.1	16.3	9.6	228	1.78	12.4	0.8	1.6	1.6	63	0.2	0.5	0.05	40	0.6	0.071	9
1439691	10.4	37	0.05	20.2	12	242	2.21	15.1	1.2	2.3	2.6	68	0.05	0.5	0.1	55	0.69	0.124	11
1439692	8	32	0.2	19.8	14.3	288	2.01	17.7	1.1	2.4	1.3	75	0.05	0.5	0.1	49	0.76	0.126	12
1439693	8	35	0.05	19.3	11.5	175	2.17	24.8	0.6	3.8	2.4	80	0.05	0.4	0.05	55	0.83	0.143	9
1439694	5.8	23	0.05	12.7	11.5	190	1.81	17.8	0.5	5.2	1.4	84	0.05	0.3	0.05	56	1.25	0.379	7
1439695	7.3	28	0.05	12.7	9.6	177	1.95	7.8	0.6	1.8	1.3	49	0.05	0.3	0.05	56	0.63	0.161	8
1439696	7.2	31	0.05	13.2	9.4	184	1.89	8	0.7	1.9	1.5	53	0.05	0.3	0.05	51	0.59	0.146	9
1439697	8.6	36	0.05	17.4	8.9	174	2.15	12.1	0.5	4.2	2.3	39	0.05	0.4	0.1	55	0.31	0.036	10
1439698	8.3	42	0.05	19.3	10.9	303	2.27	10.1	0.5	2.7	1.5	46	0.05	0.5	0.1	56	0.38	0.072	11
1439699	6.4	31	0.05	15.2	11.9	425	2.2	8.1	0.3	1.1	2	90	0.05	0.4	0.05	59	0.86	0.163	8
1439700	7.6	40	0.05	15.8	11.8	534	2.46	8.8	0.3	0.8	2	100	0.05	0.4	0.1	62	0.86	0.147	6
1439701	7.6	23	0.05	14.7	11.9	130	1.89	9.2	0.3	1.6	1.2	55	0.05	0.3	0.05	75	0.37	0.055	6
1439702	4.4	16	0.05	10.4	10.2	108	1.58	18.9	0.1	0.5	0.7	53	0.05	0.1	0.05	53	0.36	0.027	3
1439703	8.4	38	0.05	21.2	10.3	176	2.33	9.8	0.4	3.1	2.8	45	0.05	0.4	0.1	61	0.29	0.018	8
1439704	7.6	40	0.05	19.4	7.7	180	2.07	7.3	0.4	3.1	3	19	0.05	0.4	0.2	46	0.17	0.017	9
1439705	7.3	42	0.1	24.4	13.1	384	2.21	9.3	0.6	2.1	2.5	70	0.05	0.4	0.1	51	0.61	0.038	9
1439706	7.1	33	0.05	65.4	20.1	241	2.43	11.9	0.5	3.3	2.6	81	0.05	0.4	0.05	48	0.5	0.013	10
1439707	8.4	38	0.05	31.2	11.3	183	2.13	7.2	0.4	1.7	2.8	26	0.05	0.4	0.1	51	0.28	0.011	9
1439708	7.7	28	0.1	95.5	27.9	199	2.9	11.9	0.3	1	2.4	39	0.05	0.4	0.1	53	0.31	0.012	8
1439709	8.9	44	0.05	34.6	13.4	232	2.64	12.1	0.5	5.2	4.8	36	0.05	0.7	0.1	55	0.31	0.012	13
1439710	5.8	65	0.5	139.8	58.4	348	5.32	43.8	0.7	6.9	2.6	67	0.1	0.4	0.1	223	0.41	0.022	6
1439711	8.8	55	0.2	39.2	16.7	287	3	15	0.4	1.7	3.6	30	0.05	0.7	0.1	65	0.26	0.021	11
1439712	8.8	49	0.2	48.9	18.6	292	2.67	12.5	0.5	5.2	3.2	43	0.1	0.6	0.1	53	0.45	0.018	12
1439713	6.8	44	0.3	94.5	32.5	235	3.25	14.5	0.3	17	2.2	28	0.05	0.4	0.05	85	0.25	0.021	7
1439714	7.4	36	0.2	40	19.2	396	2.28	9.2	0.6	2.7	3	48	0.05	0.4	0.05	47	0.34	0.017	12
1439715	9.8	54	0.1	48.9	15.5	520	2.63	11.6	0.7	3.4	4.8	37	0.05	0.8	0.1	47	0.43	0.054	18
1439716	2.7	20	0.05	136.2	27.8	253	1.66	9.1	0.1	1.1	1.2	12	0.05	0.2	0.05	27	0.13	0.009	4
1439717	6.7	24	0.2	107.5	44	212	2.34	9.3	0.6	4.1	2.8	165	0.05	0.3	0.05	35	1.4	0.035	6
1439718	7.4	38	0.1	97.5	22.1	278	2.52	10.7	0.3	0.25	2.1	30	0.1	0.4	0.1	49	0.29	0.02	8
1439719	9.5	42	0.2	133.3	34.8	314	3.14	7	0.5	4.2	3.3	18	0.1	0.5	0.1	48	0.19	0.016	12
1439720	2	15	0.05	158	52.2	155	1.86	5.8	0.1	0.25	1	6	0.05	0.1	0.05	36	0.13	0.013	2
1439720	2	16	0.05	157.7	52.1	155	1.88	5.7	0.1	0.25	1	6	0.05	0.1	0.05	36	0.13	0.012	2

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1439690	23	0.43	281	0.028	0	1.87	0.013	0.03	0.2	0.04	2.8	0.05	0.025	4	0.25	0.1
1439690	22	0.43	290	0.037	0	1.86	0.013	0.03	0.2	0.04	3	0.05	0.025	5	0.5	0.1
1439691	26	0.55	348	0.037	0	2.37	0.022	0.03	0.1	0.04	3.9	0.05	0.025	5	0.25	0.1
1439692	24	0.48	355	0.03	0	2.33	0.021	0.03	0.1	0.05	3.6	0.05	0.025	5	0.25	0.1
1439693	29	0.63	292	0.043	0	2.4	0.027	0.03	0.05	0.03	4.2	0.05	0.025	6	0.25	0.1
1439694	18	0.56	246	0.035	0	2.39	0.028	0.02	0.05	0.02	3.1	0.05	0.025	5	0.25	0.1
1439695	19	0.49	260	0.035	0	2.46	0.017	0.03	0.1	0.03	2.8	0.05	0.025	5	0.25	0.1
1439696	20	0.49	228	0.031	0	2.16	0.015	0.03	0.05	0.03	3.4	0.05	0.025	5	0.25	0.1
1439697	25	0.51	248	0.035	0	2.23	0.013	0.03	0.1	0.02	3.5	0.05	0.025	5	0.25	0.1
1439698	25	0.53	352	0.036	0	2.33	0.017	0.03	0.1	0.02	3.3	0.05	0.025	5	0.25	0.1
1439699	26	0.66	295	0.028	0	3.3	0.026	0.03	0.1	0.02	3.9	0.05	0.025	6	0.25	0.1
1439700	27	0.7	405	0.033	0	3.46	0.023	0.03	0.1	0.02	3.9	0.05	0.025	7	0.25	0.1
1439701	19	0.56	248	0.031	0	2.63	0.011	0.02	0.05	0.02	3	0.05	0.025	5	0.25	0.1
1439702	12	0.53	190	0.032	0	2.59	0.012	0.02	0.05	0.02	2.3	0.05	0.025	5	0.25	0.1
1439703	29	0.54	261	0.043	0	2.45	0.017	0.03	0.05	0.02	3.6	0.05	0.025	6	0.25	0.1
1439704	26	0.44	247	0.038	0	1.64	0.008	0.03	0.1	0.02	2.7	0.05	0.025	5	0.25	0.1
1439705	31	0.56	381	0.038	0	3.19	0.033	0.04	0.1	0.02	3.3	0.05	0.025	7	0.25	0.1
1439706	63	0.87	282	0.038	0	2.91	0.019	0.03	0.05	0.01	3.9	0.05	0.025	6	0.25	0.1
1439707	40	0.53	253	0.047	0	1.72	0.008	0.03	0.1	0.01	3	0.1	0.025	4	0.25	0.1
1439708	54	0.55	174	0.046	0	2.01	0.01	0.08	0.05	0.01	3.7	0.05	0.025	5	0.25	0.1
1439709	40	0.5	233	0.053	0	2.33	0.008	0.05	0.1	0.02	4.7	0.05	0.025	5	0.25	0.1
1439710	138	0.98	280	0.039	0	3.15	0.007	0.04	0.05	0.01	5.7	0.05	0.025	8	2.3	0.1
1439711	63	0.65	232	0.047	0	2.25	0.007	0.04	0.1	0.01	4.5	0.1	0.025	6	0.25	0.1
1439712	57	0.75	257	0.053	0	2.24	0.021	0.05	0.1	0.04	4.1	0.05	0.025	5	0.25	0.1
1439713	185	0.89	302	0.088	0	2.17	0.007	0.04	0.1	0.02	4.6	0.05	0.025	6	0.25	0.1
1439714	44	0.63	245	0.04	0	2.22	0.012	0.03	0.1	0.02	4.1	0.05	0.025	5	0.25	0.1
1439715	41	0.66	345	0.061	1	1.32	0.021	0.05	0.2	0.03	4.8	0.05	0.025	4	0.25	0.1
1439716	173	1.05	125	0.042	0	1.36	0.004	0.02	0.05	0.005	2	0.05	0.025	3	0.25	0.1
1439717	52	0.85	610	0.033	0	6.77	0.091	0.04	0.05	0.03	4.2	0.05	0.025	12	0.25	0.1
1439718	117	0.97	284	0.047	0	1.75	0.01	0.04	0.1	0.02	2.9	0.05	0.025	5	0.25	0.1
1439719	101	1.41	284	0.05	0	1.45	0.01	0.03	0.05	0.01	3.6	0.05	0.025	4	0.25	0.1
1439720	293	1.31	69	0.05	0	1.21	0.007	0.02	0.05	0.005	2.6	0.05	0.025	2	0.25	0.1
1439720	290	1.3	70	0.05	0	1.21	0.007	0.02	0.05	0.005	2.7	0.05	0.025	2	0.25	0.1



sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1439721	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611521	7037928	-138.7633061	63.45226078		969
1439722	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611547	7037928	-138.7627851	63.45225263		974
1439723	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611572	7037929	-138.7622834	63.45225376		976
1439724	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611596	7037928	-138.7618032	63.45223727		975
1439725	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611596	7037928	-138.7618032	63.45223727	1439724	971
1439726	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611621	7037927	-138.761303	63.45222046		982
1439727	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611649	7037928	-138.7607412	63.45222065		977
1439728	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611671	7037928	-138.7603004	63.45221375		953
1439729	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611696	7037927	-138.7598001	63.45219693		967
1439730	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611922	7037929	-138.7552702	63.45214387		910
1439731	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611896	7037930	-138.7557905	63.45216102		900
1439732	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611871	7037929	-138.7562921	63.45215991		902
1439733	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611846	7037928	-138.7567938	63.4521588		915
1439734	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611822	7037928	-138.7572747	63.45216634		920
1439735	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611796	7037928	-138.7577957	63.45217451		910
1439736	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611772	7037928	-138.7582766	63.45218204		921
1439737	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611748	7037928	-138.7587575	63.45218958		921
1439738	BHC	Brian Hyde BH01	10/21/2016 0:00	07N	611721	7037929	-138.7592978	63.45220702		929
1439739	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	617942	7038436	-138.6342768	63.45474633		1195
1439740	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	617969	7038436	-138.6337358	63.45473738		1187
1439741	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	617995	7038436	-138.6332148	63.45472876		1182
1439742	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618018	7038436	-138.6327539	63.45472113		1187
1439743	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618044	7038436	-138.632233	63.45471251		1192
1439744	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618068	7038436	-138.631752	63.45470455		1178
1439745	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618093	7038435	-138.6312518	63.45468729		1177
1439746	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618119	7038437	-138.6307294	63.45469659		1186
1439747	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618145	7038436	-138.6302091	63.45467899		1168
1439748	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618169	7038435	-138.629729	63.45466206		1161
1439749	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618194	7038437	-138.6292265	63.45467169		1153
1439750	BHC	Brian Hyde BH01	10/23/2016 0:00	07N	618194	7038437	-138.6292265	63.45467169	1439749	1164
1439751	BHC	Mark Severinsen M	10/15/2016 0:00	07N	613491	7035662	-138.7254454	63.43131739		750
1439752	BHC	Mark Severinsen M	10/15/2016 0:00	07N	613516	7035662	-138.7249449	63.43130942		743
1439753	BHC	Mark Severinsen M	10/15/2016 0:00	07N	613540	7035661	-138.724465	63.43129281		753

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1439721	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439722	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439723	Auger	60	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439724	Mattock	40	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439725	Mattock	40	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439726	Auger	40	B	Steep	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439727	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439728	Auger	40	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439729	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439730	Auger	70	B	Subtle Slope	Dark Brown	Alders	Grass Cover	Damp	Poor	Clay
1439731	Auger	110	B	Pronounced Slope	Dark Grey Black	Old Burn	Grass Cover	Damp	Poor	Clay
1439732	Auger	110	B	Pronounced Slope	Dark Brown	Alders	Grass Cover	Damp	Poor	Clay
1439733	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439734	Auger	100	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439735	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439736	Auger	70	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439737	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Excellent	Silt
1439738	Auger	70	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439739	Auger	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1439740	Auger	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1439741	Auger	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1439742	Auger	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Poor	Silt
1439743	Auger	60	B	Flat	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1439744	Auger	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1439745	Auger	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1439746	Auger	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1439747	Auger	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1439748	Auger	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1439749	Auger	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1439750	Auger	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1439751	Auger	60	C	Pronounced Slope	Reddish Brown	Old Burn	Thin Moss Cover	Dry	Good	Sand
1439752	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439753	Auger	80	C	Pronounced Slope	Light Brown	Old Burn	Grass Cover	Dry	Good	Silt

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1439721				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	184.1
1439722				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	144.1
1439723				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	90.4
1439724				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	149.7
1439725				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	79.2
1439726				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	138.2
1439727				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	156.6
1439728				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.2	47.2
1439729				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	39.6
1439730	Organic 25%			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	41
1439731	Organic 25%			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	35.5
1439732	Mud	Organic 25%		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	66.7
1439733	Frozen			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	53.8
1439734				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.2	52
1439735				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	68
1439736				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	102.7
1439737				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.2	201.9
1439738				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.3	115.7
1439739				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.5	16.4
1439740				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	3	26.3
1439741				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.5	19.2
1439742	Organic 25%	Frozen		SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.9	18.2
1439743				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.4	30.8
1439744				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.7	24.8
1439745				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	4.7	34.5
1439746				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.8	12.9
1439747	Organic 10%			SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	5.2	21.9
1439748				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	3.9	38.9
1439749				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	3.1	35.7
1439750				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	2.9	35.1
1439751	Fine	Sandy	Micah	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	28.9
1439752	Sandy	Fine		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	37.7
1439753	Clay	Fine	Micah	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.8	38

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1439721	4.8	35	0.2	432	90.5	707	4.98	12.3	0.4	5.7	1.8	13	0.05	0.3	0.2	37	0.25	0.027	7
1439722	4.6	40	0.1	278.1	101.7	853	4.93	5.6	0.3	2	1.5	9	0.05	0.4	0.05	42	0.19	0.017	5
1439723	4.5	23	0.05	184.5	53	283	2.77	6.2	0.2	2.8	1.7	9	0.05	0.4	0.1	34	0.18	0.009	5
1439724	3.7	25	0.05	289.9	65.4	192	2.91	70.6	0.3	1.7	2.6	10	0.05	0.4	0.1	42	0.13	0.014	6
1439725	5.3	35	0.2	173.9	41.6	148	2.79	46.3	0.3	83.8	2.1	13	0.05	0.4	0.1	48	0.13	0.021	7
1439726	3.5	28	0.05	321.2	72.4	382	4.03	23.1	0.3	1.7	1.7	8	0.05	0.4	0.1	41	0.11	0.012	5
1439727	6.9	33	0.2	466.4	78.4	553	5.07	10	0.4	3.3	2.1	13	0.05	0.3	0.1	43	0.18	0.015	7
1439728	5.6	17	0.05	80.5	23.5	117	1.59	6.9	0.2	1.4	1.1	89	0.05	0.2	0.05	23	0.25	0.018	4
1439729	7.3	36	0.05	73.2	19.1	222	2.32	7.4	0.4	11.7	2.9	19	0.05	0.4	0.05	40	0.21	0.018	11
1439730	6.5	49	0.2	43.9	14	204	2.39	8.4	0.9	3.9	2.4	86	0.2	0.5	0.05	74	0.96	0.069	12
1439731	7.3	39	0.05	33.9	15.4	270	2.21	8.6	1	3.2	3.4	70	0.1	0.4	0.05	60	0.73	0.065	13
1439732	5.9	44	0.2	83.9	20.8	284	2.07	8.5	1.3	5.3	2.7	99	0.4	0.5	0.05	63	1.24	0.069	14
1439733	5.6	50	0.05	52.6	20.3	234	2.57	13.7	0.7	7.1	2.8	82	0.2	0.2	0.05	106	0.81	0.073	9
1439734	5.3	31	0.05	39.5	24.9	216	2.59	9.4	0.8	3.8	4.1	122	0.05	0.2	0.05	79	0.81	0.06	8
1439735	6.4	33	0.1	121.6	20.9	227	2.49	14.1	0.5	0.8	2.4	27	0.05	0.3	0.2	44	0.27	0.015	8
1439736	7.7	36	0.1	188.7	32.7	431	3.1	13.8	1.1	6.3	3.8	23	0.05	0.4	0.1	45	0.29	0.029	11
1439737	2.1	10	0.05	357.3	43.2	156	2.01	9.8	0.4	2.6	2.1	12	0.05	0.1	0.05	23	0.21	0.032	5
1439738	4.1	20	0.05	238.3	55.3	353	2.73	6.9	0.5	4.9	2.8	14	0.05	0.2	0.05	36	0.27	0.041	10
1439739	13.4	44	0.1	12.5	5.9	259	2.47	8	0.9	1.8	2.8	10	0.2	0.4	0.3	53	0.1	0.046	14
1439740	13.1	62	0.05	17.5	11.1	507	3.55	10.6	1.8	1.1	13.3	10	0.1	0.6	0.3	66	0.1	0.044	29
1439741	13.6	53	0.05	16.6	9	327	3.02	10.5	0.9	1.1	6	11	0.1	0.5	0.3	57	0.11	0.037	17
1439742	9.7	14	0.1	5.8	1.5	98	0.71	1.2	0.8	2.2	0.05	13	0.2	0.2	0.3	15	0.11	0.067	8
1439743	12.1	42	0.4	21.3	8.7	338	2.69	5.3	2.2	1.1	2.1	15	0.5	0.3	0.2	40	0.15	0.094	48
1439744	12.2	60	0.05	20.7	9.6	384	3.14	11.3	1.5	4.4	8.8	14	0.1	0.6	0.3	53	0.15	0.04	29
1439745	11.8	53	0.05	16.4	10.3	371	2.51	6.1	2	3.9	12.8	10	0.05	0.4	0.2	38	0.1	0.025	31
1439746	10.2	21	0.2	5.5	2	135	0.88	1.9	1.1	0.6	0.9	8	0.2	0.1	0.2	16	0.07	0.044	17
1439747	14.3	33	0.1	9.4	4	224	2.04	5.6	1.3	3.4	0.3	10	0.2	0.3	0.2	40	0.09	0.077	19
1439748	17.2	79	0.3	21.6	11.3	533	3.67	11.4	1.8	6	7.2	15	0.2	0.6	0.4	65	0.14	0.054	30
1439749	14.5	64	0.2	17.8	9	371	2.91	7	1.9	7.7	9.1	12	0.2	0.7	0.4	48	0.14	0.048	37
1439750	14.9	63	0.2	18	8.7	357	2.94	7.6	1.8	5.2	7.2	11	0.2	0.6	0.3	50	0.13	0.048	33
1439751	19.5	92	0.05	31.7	15	368	3.85	4	1.7	4.1	16.9	12	0.05	0.2	0.2	42	0.24	0.049	29
1439752	21	110	0.05	39	18.6	554	4.22	2.6	1.9	1.5	23.4	9	0.05	0.1	0.3	35	0.33	0.084	64
1439753	41.2	99	0.4	32.6	17.8	527	3.69	3.1	2.2	173.6	19.2	10	0.05	0.2	0.4	27	0.28	0.054	52

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1439721	350	4.25	224	0.055	2	1.1	0.014	0.02	0.1	0.03	4.1	0.05	0.025	3	0.25	0.1
1439722	363	3.76	200	0.044	1	1.38	0.01	0.02	0.1	0.02	4.6	0.05	0.025	3	0.25	0.1
1439723	195	1.86	134	0.054	0	1.25	0.011	0.02	0.05	0.005	3.3	0.05	0.025	3	0.25	0.1
1439724	217	1.29	117	0.061	0	1.43	0.005	0.02	0.1	0.005	2.7	0.05	0.025	3	0.25	0.1
1439725	156	1.02	174	0.048	0	1.76	0.007	0.03	0.1	0.01	2.6	0.05	0.025	5	0.25	0.1
1439726	336	3.05	192	0.045	1	1.35	0.008	0.02	0.1	0.005	3.1	0.1	0.025	3	0.25	0.1
1439727	285	4.14	172	0.048	0	1.56	0.016	0.03	0.05	0.01	3.5	0.05	0.025	4	0.25	0.1
1439728	135	0.95	213	0.029	0	1.74	0.009	0.03	0.05	0.02	2.5	0.05	0.025	3	0.25	0.1
1439729	85	0.82	220	0.045	0	1.43	0.008	0.04	0.1	0.02	3.3	0.05	0.025	4	0.25	0.1
1439730	73	0.86	441	0.078	1	3.07	0.02	0.03	0.1	0.04	5.3	0.05	0.025	7	0.25	0.1
1439731	64	0.71	393	0.074	0	2.69	0.021	0.04	0.1	0.03	4.9	0.05	0.025	6	0.25	0.1
1439732	97	0.97	495	0.075	2	2.39	0.034	0.05	0.1	0.05	3.8	0.05	0.05	5	0.25	0.1
1439733	79	1.29	452	0.111	0	3.35	0.046	0.08	0.1	0.01	4	0.1	0.025	8	0.25	0.1
1439734	89	1.21	585	0.15	0	3.25	0.054	0.13	0.1	0.005	5	0.2	0.025	7	0.25	0.1
1439735	133	0.97	284	0.067	1	1.67	0.012	0.04	0.1	0.02	3.3	0.05	0.025	4	0.25	0.1
1439736	200	1.51	401	0.074	1	1.59	0.012	0.04	0.1	0.03	4.6	0.05	0.025	4	0.25	0.1
1439737	224	0.88	190	0.053	0	1.04	0.007	0.03	0.05	0.005	2.3	0.05	0.025	2	0.25	0.1
1439738	306	1.92	211	0.08	0	1.13	0.009	0.02	0.05	0.02	4.4	0.1	0.025	3	0.25	0.1
1439739	26	0.42	172	0.066	1	1.57	0.007	0.09	0.1	0.03	3	0.2	0.025	7	0.25	0.1
1439740	34	0.72	330	0.12	0	2.04	0.007	0.23	0.2	0.02	5.6	0.3	0.025	10	0.25	0.1
1439741	30	0.49	198	0.067	1	1.75	0.006	0.12	0.1	0.03	3.4	0.2	0.025	7	0.25	0.1
1439742	12	0.05	174	0.006	1	0.49	0.006	0.04	0.05	0.06	0.2	0.05	0.025	3	0.25	0.1
1439743	27	0.57	534	0.058	1	1.87	0.007	0.17	0.1	0.05	3.7	0.1	0.025	7	0.25	0.1
1439744	33	0.68	331	0.084	1	1.85	0.007	0.17	0.2	0.04	5.5	0.2	0.025	7	0.25	0.1
1439745	23	0.58	215	0.087	1	1.35	0.007	0.23	0.2	0.02	4.4	0.3	0.025	5	0.25	0.1
1439746	13	0.28	168	0.037	0	0.65	0.007	0.16	0.05	0.04	1.4	0.1	0.025	4	0.25	0.1
1439747	22	0.25	212	0.022	1	1.16	0.005	0.09	0.1	0.04	0.8	0.1	0.025	5	0.25	0.1
1439748	40	0.83	385	0.107	1	2.15	0.008	0.27	0.2	0.04	5.6	0.3	0.025	9	0.25	0.1
1439749	29	0.66	316	0.087	2	1.54	0.007	0.28	0.2	0.03	5.2	0.2	0.025	6	0.25	0.1
1439750	28	0.64	288	0.08	1	1.55	0.007	0.23	0.3	0.04	4.8	0.2	0.025	6	0.25	0.1
1439751	38	0.88	181	0.198	0	2.29	0.006	0.85	0.05	0.005	5.2	0.5	0.025	7	0.25	0.1
1439752	34	0.82	158	0.181	0	2.05	0.006	1.05	0.05	0.005	4.8	0.6	0.025	7	0.25	0.1
1439753	31	0.48	98	0.094	0	1.27	0.004	0.53	0.05	0.03	3.7	0.5	0.025	4	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1439754	BHC	Mark Severinsen	10/15/2016 0:00	07N	613567	7035661	-138.7239244	63.4312842		731
1439755	BHC	Mark Severinsen	10/15/2016 0:00	07N	613590	7035662	-138.7234632	63.43128583		724
1439756	BHC	Mark Severinsen	10/15/2016 0:00	07N	613615	7035662	-138.7229626	63.43127786		721
1439757	BHC	Mark Severinsen	10/15/2016 0:00	07N	613640	7035662	-138.722462	63.43126989		715
1439758	BHC	Mark Severinsen	10/15/2016 0:00	07N	613666	7035662	-138.7219415	63.43126159		709
1439758	BHC	Mark Severinsen	10/15/2016 0:00	07N	613666	7035662	-138.7219415	63.43126159		709
1439759	BHC	Mark Severinsen	10/15/2016 0:00	07N	613690	7035662	-138.7214609	63.43125394		709
1439760	BHC	Mark Severinsen	10/16/2016 0:00	07N	610846	7038933	-138.7761322	63.46148442		770
1439761	BHC	Mark Severinsen	10/16/2016 0:00	07N	610868	7038932	-138.7756919	63.4614686		778
1439762	BHC	Mark Severinsen	10/16/2016 0:00	07N	610896	7038933	-138.7751299	63.46146884		721
1439763	BHC	Mark Severinsen	10/16/2016 0:00	07N	610918	7038933	-138.7746889	63.46146198		776
1439764	BHC	Mark Severinsen	10/16/2016 0:00	07n	610968	7038932	-138.7736874	63.46143742		798
1439765	BHC	Mark Severinsen	10/16/2016 0:00	07N	610994	7038931	-138.773167	63.46142035		802
1439766	BHC	Mark Severinsen	10/16/2016 0:00	07N	611043	7038932	-138.7721841	63.46141402		806
1439767	BHC	Mark Severinsen	10/16/2016 0:00	07N	611095	7038931	-138.7711425	63.46138882		821
1439768	BHC	Mark Severinsen	10/16/2016 0:00	07N	611120	7038934	-138.7706393	63.46140792		852
1439769	BHC	Mark Severinsen	10/16/2016 0:00	07N	611144	7038932	-138.7701596	63.46138249		845
1439770	BHC	Mark Severinsen	10/16/2016 0:00	07N	611170	7038932	-138.7696384	63.46137436		842
1439771	BHC	Mark Severinsen	10/16/2016 0:00	07n	611193	7038932	-138.7691774	63.46136717		825
1439772	BHC	Mark Severinsen	10/16/2016 0:00	07n	611220	7038932	-138.7686362	63.46135874		854
1439773	BHC	Mark Severinsen	10/16/2016 0:00	07N	611244	7038932	-138.7681552	63.46135123		865
1439776	BHC	Mark Severinsen	10/14/2016 0:00	07N	611645	7038432	-138.7604681	63.4567417		1007
1439777	BHC	Mark Severinsen	10/14/2016 0:00	07N	611674	7038429	-138.759889	63.4567057		1014
1439778	BHC	Mark Severinsen	10/14/2016 0:00	07N	611697	7038428	-138.7594287	63.45668951		1011
1439779	BHC	Mark Severinsen	10/14/2016 0:00	07N	611723	7038429	-138.758907	63.45669032		1013
1439780	BHC	Mark Severinsen	10/14/2016 0:00	07N	611748	7038431	-138.7584045	63.4567004		1018
1439781	BHC	Mark Severinsen	10/14/2016 0:00	07N	611773	7038430	-138.7579042	63.45668358		1020
1439782	BHC	Mark Severinsen	10/14/2016 0:00	07N	611797	7038430	-138.7574232	63.45667604		1010
1439783	BHC	Mark Severinsen	10/14/2016 0:00	07N	611822	7038429	-138.7569229	63.45665922		1002
1439784	BHC	Mark Severinsen	10/14/2016 0:00	07n	611849	7038428	-138.7563825	63.45664177		1007
1439785	BHC	Mark Severinsen	10/14/2016 0:00	07N	611875	7038429	-138.7558607	63.45664256		1011
1439786	BHC	Mark Severinsen	10/14/2016 0:00	07N	611898	7038431	-138.7553984	63.45665327		1014
1439787	BHC	Mark Severinsen	10/14/2016 0:00	07n	611923	7038431	-138.7548974	63.4566454		1001

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1439754	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439755	Auger	110	C	Pronounced Slope	Light Brown	Old Burn	Leaf Cover	Damp	Good	Silt
1439756	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Silt
1439757	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439758	Auger	100	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1439758	Auger	100	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1439759	Auger	60	C	Subtle Slope	Chocolate Brown	Black Spruce	Leaf Cover	Dry	Good	Silt
1439760	Auger	50	B	Steep	Bluish Grey	Dwarf Birch	Grass Cover	Damp	Good	Silt
1439761	Auger	50	B	Steep	Chocolate Brown	Dwarf Birch	Grass Cover	Damp	Good	Silt
1439762	Auger	50	B	Steep	Dark Brown	Dwarf Birch	Grass Cover	Damp	Good	Silt
1439763	Auger	70	C	Steep	Chocolate Brown	Dwarf Birch	Grass Cover	Damp	Good	Silt
1439764	Auger	30	B	Steep	Grey	Poplar	Grass Cover	Dry	Good	Sand
1439765	Auger	20	B	Steep	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Poor	Sand
1439766	Auger	60	B	Pronounced Slope	Bluish Grey	Dwarf Birch	Bare Soil	Damp	Good	Silt
1439767	Mattock	10	B	Steep	Chocolate Brown	Dwarf Birch	Bare Soil	Dry	Poor	Sand
1439768	Hands	10	B	Pronounced Slope	Light Brown	Dwarf Birch	Bare Soil	Dry	Good	Sand
1439769	Mattock	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Poor	Sand
1439770	Auger	20	A	Pronounced Slope	Dark Brown	Dwarf Birch	Grass Cover	Dry	Poor	Sand
1439771	Mattock	10	B	Pronounced Slope	Light Bluish Grey	Dwarf Birch	Bare Soil	Dry	Poor	Sand
1439772	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Dry	Poor	Sand
1439773	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Bare Soil	Dry	Good	Sand
1439776	Auger	40	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Silt
1439777	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Silt
1439778	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1439779	Auger	40	C	Pronounced Slope	Reddish Yellow	Old Burn	Burnt Moss	Dry	Good	Silt
1439780	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1439781	Auger	40	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Silt
1439782	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Silt
1439783	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Silt
1439784	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1439785	Auger	60	C	Subtle Slope	Bluish Grey	Old Burn	Burnt Moss	Dry	Excellent	Silt
1439786	Auger	50	C	Steep	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Silt
1439787	Auger	40	C	Steep	Bluish Grey	Old Burn	Grass Cover	Dry	Good	Gravel

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1439754	Sandy	Fine	Micah	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	1.8	57.5
1439755	Fine	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.7	43.4
1439756	Sandy	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.8	30.6
1439757	Coarse	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.8	24
1439758	Fine	Wet Soil		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	1.2	28.4
1439758	Fine	Wet Soil		REP	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	1.3	27
1439759	Fine	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.9	21.5
1439760	Sandy	Coarse		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	18.9
1439761	Coarse	Sandy	Frozen	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	19.7
1439762	Coarse	Rocky Sample	Micah	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	29.2
1439763	Fine	Mud		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	26.8
1439764	Fine	Coarse		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	23
1439765	Fine	Organic 10%		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	23.5
1439766	Fine	Sandy	Frozen	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	22
1439767	Frozen	Small Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	19.4
1439768	Coarse	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	14.2
1439769	Frozen	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	14.4
1439770	Fine	Frozen	25% organic, smal	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	26.1
1439771	Fine	Small Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	21.8
1439772	Fine	Frozen	Organic 10%, sma	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.8	27.1
1439773	Coarse	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	15.3
1439776	Sandy	Coarse		SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	29.3
1439777	Coarse	Rocky Sample		SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.3	50.6
1439778	Fine	Rocky Sample		SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1	35.9
1439779	Fine	Sandy		SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.7	34.1
1439780	Fine	Sandy		SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	29.5
1439781	Fine	Sandy		SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	19.4
1439782	Fine	Rocky Sample		SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	21.5
1439783	Sandy	Organic 10%		SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	30
1439784	Fine		Some micah	SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1	37.6
1439785	Coarse	Sandy		SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.05	46.7
1439786	Fine	Frozen	Frozen top 10-15ci	SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	28.3
1439787	Sandy	Coarse	Micah	SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.3	35.8



sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1439754	41.6	104	0.4	45	20.8	706	4.71	18.1	2.1	37.1	18.9	10	0.05	0.4	0.5	39	0.23	0.062	50
1439755	23.4	102	0.1	41.9	18.3	474	4.14	8.8	2.3	5.6	23.3	9	0.05	0.6	0.4	32	0.29	0.058	46
1439756	20.2	70	0.2	28.3	12.4	367	3.24	5.5	1.8	30.7	12.9	13	0.05	0.3	0.3	36	0.27	0.048	37
1439757	14.6	72	0.05	23.8	12	328	3.02	6.3	1.9	3.9	12	18	0.05	0.4	0.2	37	0.28	0.042	41
1439758	14.7	63	0.2	27.6	12.5	335	3.23	7.3	1.5	2.1	9.1	21	0.05	0.5	0.2	40	0.32	0.027	33
1439758	15.3	67	0.2	26.2	12.3	328	3.17	7.5	1.5	2.2	10	20	0.05	0.5	0.2	39	0.32	0.029	36
1439759	10	62	0.05	21.9	10.3	301	3.11	8.2	1.5	4.2	10.1	15	0.05	0.9	0.1	41	0.24	0.039	27
1439760	7.5	53	0.05	25.4	9.8	254	2.06	6.9	1	4	4.2	37	0.2	0.4	0.1	41	0.42	0.06	16
1439761	7.4	52	0.05	25.8	10.6	278	2.12	7	1	3.1	3.9	39	0.1	0.4	0.1	42	0.44	0.061	16
1439762	7.3	52	0.1	35.2	12.5	321	2.13	6.9	1.2	19.9	3.4	48	0.2	0.3	0.1	42	0.53	0.068	18
1439763	7.6	52	0.1	35.6	12.5	435	2.11	6.5	1.2	3.4	3	51	0.2	0.4	0.1	42	0.59	0.058	18
1439764	6.7	53	0.2	25.1	12.1	320	2.03	6.1	0.8	4.9	3	60	0.3	0.3	0.1	40	0.54	0.064	13
1439765	4.8	45	0.05	44.3	12.5	260	2.21	6.5	0.7	31.3	2.4	68	0.1	0.3	0.05	40	0.68	0.104	11
1439766	6.9	48	0.05	23	9.8	232	2.13	8.3	1	9.1	3.6	51	0.1	0.3	0.1	43	0.55	0.064	18
1439767	6.9	49	0.05	23.9	9.1	204	2.08	6.2	0.7	1.6	1.8	53	0.1	0.4	0.1	42	0.55	0.067	11
1439768	5.8	48	0.05	17.9	8.1	158	1.99	8.9	0.6	5.9	2.9	46	0.1	0.2	0.2	44	0.49	0.077	11
1439769	5.1	43	0.05	16.7	10.1	224	2.02	9.4	0.6	28.4	2.7	50	0.1	0.2	0.1	43	0.56	0.078	11
1439770	7.7	70	0.2	22.1	13.4	601	2.15	6	1.2	6.6	3.1	62	0.3	0.3	0.3	41	0.57	0.098	16
1439771	6.2	66	0.1	23.8	11.1	518	1.88	6.2	0.8	2.8	2.6	54	0.3	0.3	0.1	38	0.52	0.099	13
1439772	7.9	79	0.2	21.7	15.8	895	2.26	6.9	1	5.7	2.6	64	0.5	0.4	0.2	43	0.62	0.12	17
1439773	5.8	50	0.1	15.1	9.3	378	1.67	5.1	0.7	11.8	1.6	51	0.2	0.3	0.1	35	0.54	0.077	13
1439776	7.7	45	0.1	25.7	21.2	1238	2.08	8.1	0.3	2.3	1.5	99	0.2	0.2	0.1	45	0.86	0.082	6
1439777	4.7	23	0.05	41.9	13.4	221	1.98	10.4	0.2	2	1.3	36	0.05	0.3	0.05	38	0.34	0.041	5
1439778	10.4	58	0.05	29.1	12.4	340	2.56	11.2	0.7	5.5	4.2	67	0.1	0.7	0.2	54	0.68	0.028	17
1439779	10.1	50	0.05	33.1	15.4	200	2.55	13.7	0.7	10.1	3.6	71	0.05	0.6	0.2	55	0.45	0.048	10
1439780	8.3	41	0.1	43.3	14.8	403	2.18	7.3	0.5	4	2.9	39	0.05	0.3	0.2	49	0.36	0.027	12
1439781	8.5	41	0.1	21.9	9.3	245	2.12	7.5	0.4	1.5	2.8	26	0.05	0.4	0.2	53	0.28	0.021	10
1439782	8.7	43	0.1	22.5	11	604	2.23	7.7	0.4	3.5	2.3	35	0.1	0.5	0.2	53	0.38	0.033	10
1439783	7.5	33	0.05	45.1	16.5	577	2.17	6	0.5	3.1	2.2	41	0.05	0.3	0.1	53	0.35	0.024	9
1439784	11.3	51	0.05	31	11.2	271	2.65	10.1	1.2	7.2	5	25	0.05	0.7	0.2	55	0.22	0.018	15
1439785	2.3	12	0.05	75.4	10.9	125	1.2	1.5	0.1	2	0.6	67	0.05	0.05	0.05	21	0.38	0.045	5
1439786	9.3	46	0.05	30.3	11.4	186	2.36	10.4	0.5	2.1	3.6	27	0.05	0.6	0.2	52	0.19	0.018	12
1439787	6.3	31	0.05	37	12	193	1.83	5.7	0.6	2.6	3.5	59	0.05	0.2	0.05	41	0.54	0.069	12

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1439754	39	0.68	137	0.163	0	1.73	0.005	0.89	0.05	0.02	5.6	0.5	0.025	6	0.25	0.2
1439755	37	0.57	115	0.105	0	1.59	0.005	0.67	0.05	0.03	4.7	0.5	0.025	5	0.25	0.1
1439756	31	0.65	180	0.126	0	1.74	0.008	0.53	0.05	0.01	4.4	0.3	0.025	5	0.25	0.1
1439757	32	0.6	208	0.113	0	1.65	0.008	0.39	0.05	0.02	4.5	0.3	0.025	6	0.25	0.1
1439758	34	0.51	199	0.087	0	1.6	0.007	0.29	0.05	0.02	5	0.2	0.025	6	0.25	0.1
1439758	33	0.5	206	0.09	0	1.57	0.007	0.28	0.05	0.02	5	0.2	0.025	6	0.25	0.1
1439759	33	0.54	233	0.107	0	1.61	0.007	0.37	0.05	0.01	4.7	0.2	0.025	6	0.25	0.1
1439760	34	0.52	249	0.067	1	1.46	0.016	0.05	0.3	0.03	3.2	0.05	0.025	4	0.25	0.1
1439761	35	0.53	270	0.071	2	1.53	0.017	0.05	0.2	0.04	3.5	0.05	0.025	4	0.25	0.1
1439762	46	0.6	295	0.071	2	1.72	0.017	0.05	0.3	0.04	4	0.1	0.025	5	0.25	0.1
1439763	49	0.6	328	0.071	2	1.77	0.016	0.05	0.2	0.04	4	0.1	0.025	5	0.25	0.1
1439764	39	0.54	258	0.065	1	2.09	0.016	0.07	0.2	0.02	3.4	0.05	0.025	5	0.25	0.1
1439765	59	0.81	253	0.059	2	2.2	0.019	0.05	0.2	0.04	4	0.05	0.025	5	0.25	0.1
1439766	36	0.56	254	0.075	1	2.15	0.017	0.06	0.2	0.05	3.9	0.05	0.025	6	0.25	0.1
1439767	35	0.51	253	0.057	2	2.5	0.019	0.05	0.2	0.03	3.4	0.05	0.025	6	0.25	0.1
1439768	33	0.54	212	0.068	1	2.12	0.019	0.05	0.2	0.02	3.1	0.05	0.025	5	0.25	0.1
1439769	32	0.59	209	0.076	2	1.96	0.021	0.04	0.2	0.03	3.1	0.05	0.025	5	0.25	0.1
1439770	36	0.5	367	0.062	2	2.46	0.028	0.07	0.1	0.02	4.6	0.1	0.025	6	0.25	0.1
1439771	37	0.55	282	0.069	2	1.88	0.025	0.06	0.2	0.02	3.2	0.05	0.025	5	0.25	0.1
1439772	34	0.55	341	0.064	3	2.19	0.022	0.06	0.2	0.03	4.1	0.05	0.025	6	0.25	0.1
1439773	27	0.46	214	0.057	2	1.63	0.018	0.06	0.2	0.04	2.7	0.05	0.025	4	0.25	0.1
1439776	32	0.58	378	0.041	2	3.76	0.024	0.04	0.05	0.03	3.1	0.05	0.025	7	0.25	0.1
1439777	61	0.65	139	0.036	0	1.82	0.011	0.02	0.05	0.005	3	0.05	0.025	4	0.25	0.1
1439778	35	0.56	329	0.048	0	2.84	0.048	0.04	0.1	0.04	5.2	0.05	0.025	7	0.25	0.1
1439779	34	0.58	258	0.039	1	4.08	0.014	0.05	0.1	0.03	3.8	0.1	0.025	8	0.25	0.1
1439780	51	0.63	269	0.042	0	2.4	0.015	0.03	0.1	0.02	3.5	0.05	0.025	6	0.25	0.1
1439781	32	0.51	270	0.037	1	1.9	0.009	0.03	0.1	0.02	2.9	0.05	0.025	5	0.25	0.1
1439782	29	0.5	293	0.039	0	1.75	0.009	0.04	0.1	0.02	2.8	0.05	0.025	5	0.25	0.1
1439783	58	0.58	230	0.044	1	2.23	0.014	0.03	0.1	0.02	3.3	0.1	0.025	6	0.25	0.1
1439784	43	0.55	298	0.046	0	2.03	0.009	0.04	0.2	0.02	5.4	0.05	0.025	5	0.25	0.1
1439785	129	0.68	85	0.027	0	1.56	0.017	0.005	0.05	0.005	3.7	0.05	0.025	3	0.25	0.1
1439786	39	0.56	232	0.037	0	2.03	0.01	0.03	0.1	0.02	3.7	0.05	0.025	5	0.25	0.1
1439787	67	0.82	231	0.042	0	2.03	0.021	0.03	0.05	0.01	3.6	0.05	0.025	4	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1439788	BHC	Mark Severinsen	10/14/2016 0:00	07N	611949	7038429	-138.7543777	63.45661929		997
1439789	BHC	Mark Severinsen	10/14/2016 0:00	07N	611974	7038431	-138.7538753	63.45662936		995
1439790	BHC	Mark Severinsen	10/14/2016 0:00	07N	611998	7038430	-138.753395	63.45661284		992
1439791	BHC	Mark Severinsen	10/14/2016 0:00	07N	612022	7038430	-138.752914	63.45660529		989
1439792	BHC	Mark Severinsen	10/14/2016 0:00	07N	612048	7038431	-138.7523923	63.45660607		992
1439826	BHC	Mark Severinsen	10/18/2016 0:00	07N	610842	7038627	-138.7764254	63.45874148		783
1439827	BHC	Mark Severinsen	10/18/2016 0:00	07N	610869	7038630	-138.7758822	63.45875997		826
1439828	BHC	Mark Severinsen	10/18/2016 0:00	07N	610894	7038631	-138.7753804	63.45876115		814
1439829	BHC	Mark Severinsen	10/18/2016 0:00	07N	610919	7038632	-138.7748786	63.45876232		823
1439830	BHC	Mark Severinsen	10/18/2016 0:00	07N	610945	7038631	-138.7743582	63.45874525		827
1439831	BHC	Mark Severinsen	10/18/2016 0:00	07N	610970	7038630	-138.7738578	63.45872849		837
1439832	BHC	Mark Severinsen	10/18/2016 0:00	07N	610994	7038630	-138.7733768	63.458721		840
1439833	BHC	Mark Severinsen	10/18/2016 0:00	07N	611020	7038630	-138.7728557	63.45871289		842
1439834	BHC	Mark Severinsen	10/18/2016 0:00	07N	611044	7038630	-138.7723747	63.4587054		850
1439835	BHC	Mark Severinsen	10/18/2016 0:00	07N	611070	7038631	-138.7718529	63.45870625		885
1439836	BHC	Mark Severinsen	10/18/2016 0:00	07N	611095	7038631	-138.7713518	63.45869845		877
1439837	BHC	Mark Severinsen	10/18/2016 0:00	07N	611121	7038630	-138.7708314	63.45868136		868
1439838	BHC	Mark Severinsen	10/18/2016 0:00	07N	611145	7038630	-138.7703504	63.45867387		888
1439839	BHC	Mark Severinsen	10/18/2016 0:00	07N	611171	7038630	-138.7698293	63.45866574		902
1439840	BHC	Mark Severinsen	10/18/2016 0:00	07N	611195	7038630	-138.7693483	63.45865824		915
1439841	BHC	Mark Severinsen	10/18/2016 0:00	07N	611221	7038630	-138.7688272	63.45865012		915
1439842	BHC	Mark Severinsen	10/18/2016 0:00	07N	611246	7038630	-138.7683261	63.4586423		910
1439843	BHC	Mark Severinsen	10/18/2016 0:00	07N	611270	7038630	-138.7678451	63.4586348		924
1439844	BHC	Mark Severinsen	10/18/2016 0:00	07N	611296	7038631	-138.7673233	63.45863564		938
1439845	BHC	Mark Severinsen	10/18/2016 0:00	07N	611322	7038631	-138.7668022	63.4586275		926
1439846	BHC	Mark Severinsen	10/18/2016 0:00	07N	611346	7038632	-138.7663205	63.45862896		940
1439847	BHC	Mark Severinsen	10/18/2016 0:00	07N	611370	7038629	-138.7658416	63.45859455		955
1439848	BHC	Mark Severinsen	10/18/2016 0:00	07N	611395	7038629	-138.7653405	63.45858672		961
1439849	BHC	Mark Severinsen	10/18/2016 0:00	07N	611421	7038630	-138.7648187	63.45858755		952
1439850	BHC	Mark Severinsen	10/18/2016 0:00	07N	611421	7038630	-138.7648187	63.45858755	1439849	965
1439901	BHC	Mark Severinsen	10/15/2016 0:00	07N	612887	7035662	-138.7375393	63.4315093		785
1439902	BHC	Mark Severinsen	10/15/2016 0:00	07N	612915	7035660	-138.73698	63.43148249		788
1439903	BHC	Mark Severinsen	10/15/2016 0:00	07N	612940	7035661	-138.7364788	63.43148353		792

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1439788	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Frost Boil	Dry	Good	Silt
1439789	Auger	50	C	Steep	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1439790	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Silt
1439791	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Silt
1439792	Auger	40	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Damp	Good	Silt
1439826	Hands	20	B	Steep	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1439827	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Leaf Cover	Dry	Good	Silt
1439828	Hands	20	B	Pronounced Slope	Light Brown	Dwarf Birch	Bare Soil	Dry	Good	Sand
1439829	Auger	40	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Bare Soil	Dry	Good	Silt
1439830	Auger	40	B	Steep	Chocolate Brown	Dwarf Birch	Leaf Cover	Dry	Good	Silt
1439831	Auger	40	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Damp	Good	Silt
1439832	Auger	20	B	Steep	Chocolate Brown	Dwarf Birch	Grass Cover	Dry	Poor	Silt
1439833	Hands	20	B	Pronounced Slope	Light Brown	Dwarf Birch	Grass Cover	Dry	Good	Sand
1439834	Hands	20	B	Pronounced Slope	Dark Brown	Dwarf Birch	Grass Cover	Dry	Poor	Silt
1439835	Hands	20	B	Steep	Light Brown	Dwarf Birch	Grass Cover	Dry	Poor	Sand
1439836	Auger	30	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Silt
1439837	Hands	20	B	Pronounced Slope	Light Brown	Dwarf Birch	Grass Cover	Dry	Good	Sand
1439838	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Dry	Good	Sand
1439839	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Silt
1439840	Hands	20	B	Pronounced Slope	Light Brown	Dwarf Birch	Bare Soil	Dry	Good	Sand
1439841	Auger	30	C	Pronounced Slope	Reddish Yellow	Dwarf Birch	Thin Moss Cover	Dry	Good	Silt
1439842	Auger	50	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Damp	Good	Silt
1439843	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Dry	Poor	Silt
1439844	Auger	40	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Damp	Good	Silt
1439845	Hands	10	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Bare Soil	Dry	Poor	Silt
1439846	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1439847	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Dry	Good	Silt
1439848	Hands	20	B	Pronounced Slope	Light Brown	Dwarf Birch	Grass Cover	Dry	Good	Sand
1439849	Hands	20	B	Pronounced Slope	Light Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1439850	Hands	20	B	Pronounced Slope	Light Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1439901	Auger	20	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Sand
1439902	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Sand
1439903	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Reindeer Moss	Dry	Excellent	Gravel

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1439788	Coarse	Sandy		SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	36.9
1439789	Sandy	Fine	Rocky	SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	27.5
1439790	Sandy	Fine		SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	29.4
1439791	Sandy	Coarse		SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.7	36.5
1439792	Coarse	Sandy	Rocky	SOIL	BHC-10-30-2016	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	24
1439826	Fine	Frozen	Small sample	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	23
1439827	Sandy	Fine		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	20.7
1439828	Fine	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	16.5
1439829	Fine	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	21.7
1439830	Fine	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	16.1
1439831	Coarse	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	17.5
1439832	Fine	Organic 10%		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.8	27.6
1439833	Fine	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	13.7
1439834	Frozen	Organic 25%		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	1.1	27.8
1439835	Fine	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.8	15
1439836	Frozen	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	18.9
1439837	Coarse	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	19.5
1439838	Fine	Small Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	21.4
1439839	Coarse	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.9	27.3
1439840	Fine	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	17.1
1439841	Fine	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	31
1439842	Fine	Sandy	Rocky	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	19.1
1439843	Frozen	Small Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.8	23.9
1439844	Fine	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	15.2
1439845	Sandy	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.9	18.9
1439846	Coarse	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.9	19
1439847	Fine	Frozen	Small sample	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.7	22.6
1439848	Fine	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.9	15.2
1439849	Fine	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	22.1
1439850	Fine	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	15
1439901	Coarse	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	15.5
1439902	Coarse	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	22.7
1439903	Sandy	Coarse	Micah/pirite	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.1	28.8

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1439788	6.2	36	0.05	34.6	18	191	2.41	12	0.5	2.9	3	63	0.05	0.4	0.05	49	0.35	0.023	10
1439789	7.7	41	0.05	23	10.4	228	2.24	9.1	0.8	2.9	4.1	41	0.05	0.6	0.1	47	0.34	0.018	14
1439790	7.9	44	0.05	22.5	13.8	295	2.45	7.2	0.7	5.9	5.5	57	0.05	0.4	0.1	48	0.49	0.028	17
1439791	8.4	49	0.05	24.7	9.7	252	2.31	9.7	0.7	4.2	4.2	32	0.05	0.8	0.1	44	0.29	0.034	15
1439792	7.3	46	0.05	23.8	14.6	241	2.6	7	0.4	1.2	3.4	107	0.05	0.3	0.1	64	0.52	0.047	10
1439826	4.3	27	0.05	22.1	8.5	160	1.41	6.6	0.6	16.9	1.6	44	0.05	0.3	0.05	30	0.43	0.058	9
1439827	6.5	40	0.2	18.9	8	157	1.89	5.7	0.7	5.2	1.8	41	0.2	0.3	0.1	38	0.38	0.047	11
1439828	5.5	37	0.05	17.7	8.4	160	1.7	6.3	0.5	3	2.6	37	0.05	0.3	0.05	38	0.35	0.057	10
1439829	6.3	40	0.05	19.1	10.1	332	1.81	7.3	0.9	5.9	2.3	49	0.1	0.3	0.1	40	0.46	0.057	12
1439830	6.3	37	0.05	16.5	8	185	1.68	6.6	0.6	2.6	2.8	45	0.05	0.4	0.05	38	0.43	0.054	11
1439831	5.5	35	0.05	14.9	7.2	182	1.63	5.9	0.8	2.6	2.8	44	0.05	0.3	0.05	37	0.42	0.056	12
1439832	8.8	52	0.2	21.7	13.5	441	2.21	6.4	1	6.8	2.2	48	0.2	0.4	0.2	43	0.41	0.062	12
1439833	6.5	41	0.05	16.2	7.4	147	1.78	6.1	0.4	1.4	2.2	31	0.05	0.3	0.1	42	0.29	0.044	9
1439834	9.1	69	0.6	20.3	14.6	723	2.02	5.7	1.1	3.6	1.6	50	0.5	0.5	0.2	38	0.43	0.117	13
1439835	7.4	41	0.2	16	7.1	165	1.9	6.6	0.4	1	1.8	26	0.05	0.3	0.2	44	0.24	0.038	10
1439836	6.8	39	0.05	18.7	7.3	202	2	7.1	0.7	1.1	2.1	39	0.05	0.3	0.2	44	0.37	0.048	10
1439837	6.5	40	0.3	16.6	7.5	168	1.78	5.5	0.6	18.6	1.3	28	0.2	0.3	0.2	42	0.22	0.037	9
1439838	7.3	43	0.2	21.4	10.6	380	2.06	7	0.7	2.6	1.4	55	0.1	0.3	0.1	45	0.51	0.065	9
1439839	8.3	44	0.2	23.7	11.5	437	2.28	7.7	0.8	4.7	1.2	50	0.2	0.4	0.1	48	0.47	0.058	10
1439840	7	43	0.05	19.8	8.1	175	2.15	7.5	0.4	5.5	2.4	32	0.1	0.3	0.2	50	0.24	0.032	9
1439841	4.8	32	0.05	31	10.5	175	2.06	8	0.3	19.2	1.7	94	0.05	0.2	0.05	43	0.44	0.041	7
1439842	6.2	36	0.05	20.2	8.7	195	1.84	7	0.4	5.1	2.3	42	0.05	0.3	0.05	43	0.35	0.042	8
1439843	8.4	41	0.2	19.6	10.1	282	2.05	6.5	0.7	1.3	2.1	49	0.1	0.3	0.1	45	0.39	0.055	11
1439844	6.6	34	0.05	15.4	7	166	1.72	5.8	0.5	3.1	2.5	35	0.05	0.3	0.05	43	0.29	0.027	10
1439845	8.4	43	0.1	18.4	8.4	226	2.28	8.6	0.6	0.9	1.8	32	0.1	0.4	0.1	51	0.29	0.051	9
1439846	8.4	36	0.1	18.4	8.1	181	2.16	7.8	0.4	0.25	1.8	32	0.1	0.4	0.1	50	0.31	0.046	8
1439847	8	42	0.1	28.2	10.8	362	2.08	6.8	0.4	1.3	0.7	44	0.2	0.3	0.1	48	0.39	0.059	8
1439848	7.5	37	0.1	14.8	6.4	134	1.81	5.4	0.4	0.25	2.1	27	0.05	0.3	0.2	47	0.24	0.026	8
1439849	7.1	43	0.05	19.7	9	199	2.04	7	0.6	1.6	3.1	43	0.1	0.5	0.1	42	0.42	0.052	12
1439850	4.1	37	0.05	18	8.7	172	1.86	4.8	0.2	1.3	1.6	67	0.05	0.2	0.05	40	0.33	0.036	6
1439901	5.7	41	0.1	12.6	9.8	224	2.41	5.2	0.8	0.6	3.8	23	0.05	0.2	0.05	59	0.38	0.066	15
1439902	5.4	44	0.05	11.2	21.1	412	3.31	5.7	0.9	0.7	3.9	45	0.05	0.2	0.05	111	0.61	0.068	15
1439903	7.9	44	0.05	23.2	16.3	531	3.54	7	1.2	1.2	11.6	63	0.05	0.2	0.05	96	0.5	0.058	36

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1439788	43	0.81	234	0.035	0	2.5	0.016	0.03	0.05	0.02	4.2	0.05	0.025	5	0.25	0.1
1439789	32	0.49	233	0.048	0	1.95	0.02	0.03	0.1	0.03	4.5	0.05	0.025	5	0.25	0.1
1439790	42	0.81	235	0.066	0	2.28	0.027	0.03	0.05	0.02	4.5	0.05	0.025	5	0.25	0.1
1439791	33	0.51	255	0.052	0	1.4	0.016	0.04	0.2	0.03	4.5	0.05	0.025	4	0.25	0.1
1439792	39	0.81	298	0.044	0	3.26	0.024	0.04	0.05	0.005	4.1	0.05	0.025	7	0.25	0.1
1439826	37	0.39	167	0.045	1	1.41	0.017	0.04	0.2	0.02	2.6	0.05	0.025	3	0.25	0.1
1439827	31	0.39	232	0.05	1	2.33	0.011	0.04	0.1	0.04	2.9	0.05	0.025	6	0.25	0.1
1439828	31	0.42	198	0.052	1	1.97	0.015	0.04	0.2	0.02	2.6	0.05	0.025	4	0.25	0.1
1439829	33	0.45	251	0.052	0	1.91	0.021	0.03	0.2	0.02	3	0.05	0.025	4	0.25	0.1
1439830	29	0.42	205	0.053	0	1.7	0.021	0.03	0.2	0.02	2.6	0.05	0.025	4	0.25	0.1
1439831	27	0.41	217	0.051	0	1.63	0.019	0.03	0.2	0.01	2.7	0.05	0.025	4	0.25	0.1
1439832	34	0.43	320	0.05	1	2.65	0.014	0.06	0.1	0.03	3.7	0.05	0.025	6	0.25	0.1
1439833	30	0.41	173	0.051	0	2	0.01	0.04	0.2	0.02	2.6	0.05	0.025	5	0.25	0.1
1439834	30	0.35	336	0.055	1	2.05	0.012	0.06	0.1	0.03	3.7	0.05	0.025	6	0.25	0.1
1439835	30	0.39	157	0.057	1	1.91	0.008	0.05	0.1	0.01	2.4	0.05	0.025	5	0.25	0.1
1439836	32	0.43	233	0.054	0	2.09	0.012	0.04	0.1	0.03	3	0.05	0.025	5	0.25	0.1
1439837	31	0.36	215	0.054	1	2.05	0.009	0.03	0.1	0.03	2.8	0.05	0.025	7	0.25	0.1
1439838	40	0.46	270	0.054	2	2.48	0.018	0.05	0.1	0.04	3.1	0.05	0.025	6	0.25	0.1
1439839	42	0.46	288	0.05	1	2.61	0.014	0.04	0.2	0.03	3.6	0.05	0.025	6	0.25	0.1
1439840	38	0.51	179	0.064	0	2.34	0.008	0.04	0.2	0.02	3.1	0.05	0.025	6	0.25	0.1
1439841	60	0.71	294	0.049	0	2.67	0.018	0.03	0.1	0.005	3	0.05	0.025	6	0.25	0.1
1439842	39	0.5	183	0.053	0	1.96	0.012	0.03	0.1	0.01	2.9	0.05	0.025	5	0.25	0.1
1439843	40	0.49	238	0.054	1	2.22	0.013	0.04	0.1	0.02	3.6	0.05	0.025	6	0.25	0.1
1439844	29	0.43	190	0.05	0	1.76	0.012	0.03	0.1	0.01	2.7	0.05	0.025	4	0.25	0.1
1439845	35	0.45	208	0.053	0	2.47	0.01	0.04	0.2	0.02	3.2	0.1	0.025	6	0.25	0.1
1439846	33	0.41	169	0.056	1	2.28	0.01	0.04	0.2	0.03	2.8	0.05	0.025	6	0.25	0.1
1439847	51	0.56	211	0.047	1	2.34	0.016	0.04	0.1	0.02	2.5	0.05	0.025	6	0.25	0.1
1439848	29	0.4	213	0.048	1	2.19	0.009	0.04	0.1	0.01	3.2	0.1	0.025	7	0.25	0.1
1439849	33	0.52	242	0.055	0	1.74	0.016	0.03	0.1	0.02	3.4	0.05	0.025	4	0.25	0.1
1439850	34	0.75	200	0.042	0	2.33	0.013	0.02	0.05	0.02	3.1	0.05	0.025	5	0.25	0.1
1439901	31	0.55	254	0.094	0	1.35	0.014	0.17	0.1	0.02	4.2	0.05	0.025	5	0.25	0.1
1439902	20	0.95	325	0.136	0	1.84	0.018	0.23	0.05	0.01	9.6	0.1	0.025	7	0.25	0.1
1439903	61	0.95	288	0.075	0	1.97	0.011	0.32	0.05	0.005	7.3	0.2	0.025	7	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1439904	BHC	Mark Severinsen	10/15/2016 0:00	07N	612964	7035662	-138.7359975	63.43148489		797
1439905	BHC	Mark Severinsen	10/15/2016 0:00	07N	612990	7035661	-138.7354776	63.43146767		817
1439906	BHC	Mark Severinsen	10/15/2016 0:00	07N	613015	7035661	-138.734977	63.43145974		802
1439907	BHC	Mark Severinsen	10/15/2016 0:00	07n	613040	7035661	-138.7344765	63.43145181		804
1439908	BHC	Mark Severinsen	10/15/2016 0:00	07n	613065	7035661	-138.7339759	63.43144388		815
1439909	BHC	Mark Severinsen	10/15/2016 0:00	07N	613089	7035662	-138.7334946	63.43144523		814
1439910	BHC	Mark Severinsen	10/15/2016 0:00	07N	613115	7035662	-138.732974	63.43143697		814
1439911	BHC	Mark Severinsen	10/15/2016 0:00	07N	613140	7035662	-138.7324735	63.43142903		810
1439912	BHC	Mark Severinsen	10/15/2016 0:00	07n	613165	7035661	-138.7319736	63.43141213		820
1439913	BHC	Mark Severinsen	10/15/2016 0:00	07n	613190	7035661	-138.731473	63.43140418		812
1439914	BHC	Mark Severinsen	10/15/2016 0:00	07N	613215	7035663	-138.730971	63.43141418		804
1439915	BHC	Mark Severinsen	10/15/2016 0:00	07N	613239	7035662	-138.7304912	63.43139758		801
1439916	BHC	Mark Severinsen	10/15/2016 0:00	07n	613266	7035661	-138.7299513	63.43138003		797
1439917	BHC	Mark Severinsen	10/15/2016 0:00	07N	613290	7035661	-138.7294707	63.4313724		790
1439918	BHC	Mark Severinsen	10/15/2016 0:00	07N	613315	7035661	-138.7289702	63.43136445		788
1439919	BHC	Mark Severinsen	10/15/2016 0:00	07N	613340	7035661	-138.7284696	63.43135649		781
1439920	BHC	Mark Severinsen	10/15/2016 0:00	07N	613365	7035662	-138.7279683	63.43135751		774
1439921	BHC	Mark Severinsen	10/15/2016 0:00	07n	613392	7035661	-138.7274284	63.43133994		766
1439922	BHC	Mark Severinsen	10/15/2016 0:00	07n	613415	7035661	-138.7269679	63.43133262		764
1439923	BHC	Mark Severinsen	10/15/2016 0:00	07N	613441	7035661	-138.7264473	63.43132434		758
1439924	BHC	Mark Severinsen	10/15/2016 0:00	07N	613466	7035661	-138.7259467	63.43131638		754
1439925	BHC	Mark Severinsen	10/15/2016 0:00	07N	613466	7035661	-138.7259467	63.43131638	1439924	771
1439926	BHC	Mark Severinsen	10/16/2016 0:00	07n	611271	7038932	-138.767614	63.46134279		986
1439927	BHC	Mark Severinsen	10/16/2016 0:00	07N	611295	7038933	-138.7671322	63.46134425		881
1439927	BHC	Mark Severinsen	10/16/2016 0:00	07N	611295	7038933	-138.7671322	63.46134425		881
1439928	BHC	Mark Severinsen	10/16/2016 0:00	07N	611319	7038931	-138.7666525	63.46131881		894
1439929	BHC	Mark Severinsen	10/16/2016 0:00	07N	611345	7038933	-138.76613	63.4613286		908
1439930	BHC	Mark Severinsen	10/16/2016 0:00	07N	611370	7038931	-138.7656303	63.46130284		901
1439931	BHC	Mark Severinsen	10/16/2016 0:00	07N	611396	7038932	-138.7651084	63.46130367		906
1439932	BHC	Mark Severinsen	10/16/2016 0:00	07N	611420	7038932	-138.7646274	63.46129616		914
1439933	BHC	Mark Severinsen	10/16/2016 0:00	07N	611445	7038932	-138.7641263	63.46128833		936
1439934	BHC	Mark Severinsen	10/16/2016 0:00	07N	611470	7038931	-138.7636259	63.46127153		927
1439935	BHC	Mark Severinsen	10/17/2016 0:00	07N	612549	7038231	-138.7424932	63.45465442		887



sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1439904	Auger	50	C	Pronounced Slope	Reddish Yellow	Old Burn	Reindeer Moss	Dry	Good	Silt
1439905	Auger	50	C	Pronounced Slope	Reddish Yellow	Black Spruce	Reindeer Moss	Dry	Good	Silt
1439906	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Good	Silt
1439907	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Excellent	Gravel
1439908	Auger	60	C	Subtle Slope	Reddish Yellow	Old Burn	Burnt Moss	Dry	Excellent	Sand
1439909	Auger	60	C	Subtle Slope	Reddish Yellow	Old Burn	Burnt Moss	Dry	Good	Gravel
1439910	Auger	70	C	Subtle Slope	Reddish Yellow	Old Burn	Burnt Moss	Dry	Good	Silt
1439911	Auger	70	C	Subtle Slope	Light Brown	Old Burn	Burnt Moss	Dry	Good	Silt
1439912	Auger	50	C	Subtle Slope	Reddish Yellow	Old Burn	Burnt Moss	Dry	Good	Silt
1439913	Auger	60	C	Subtle Slope	Reddish Yellow	Old Burn	Burnt Moss	Dry	Excellent	Sand
1439914	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Silt
1439915	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Silt
1439916	Auger	50	C	Pronounced Slope	Reddish Yellow	Old Burn	Burnt Moss	Dry	Good	Sand
1439917	Auger	70	C	Pronounced Slope	Reddish Yellow	Old Burn	Thin Moss Cover	Dry	Good	Silt
1439918	Auger	60	B	Pronounced Slope	Chocolate Brown	Old Burn	Sphagnum Moss <	Dry	Good	Silt
1439919	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439920	Auger	60	C	Pronounced Slope	Reddish Yellow	Old Burn	Burnt Moss	Dry	Good	Silt
1439921	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Excellent	Sand
1439922	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439923	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Silt
1439924	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Silt
1439925	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Silt
1439926	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Poor	Sand
1439927	Mattock	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1439927	Mattock	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Sand
1439928	Auger	50	B	Pronounced Slope	Dark Brown	Dwarf Birch	Bare Soil	Damp	Good	Silt
1439929	Hands	30	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Bare Soil	Dry	Poor	Sand
1439930	Auger	50	B	Pronounced Slope	Dark Brown	Dwarf Birch	Grass Cover	Damp	Good	Silt
1439931	Auger	40	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Silt
1439932	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Bare Soil	Dry	Good	Sand
1439933	Auger	20	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Bare Soil	Dry	Good	Gravel
1439934	Auger	50	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Burnt Moss	Dry	Good	Silt
1439935	Auger	50	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Dry	Good	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1439904	Sandy	Partially Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	26.2
1439905	Sandy	Coarse	Rocky	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	29.6
1439906	Sandy	Partially Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	1	25.4
1439907	Sandy	Rocky Sample	Coarse, frozen top	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	1.3	34.1
1439908	Coarse	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	33
1439909	Coarse	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.3	24.5
1439910	Sandy	Coarse		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.3	31.2
1439911	Sandy	Fine		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	14.8
1439912	Sandy	Coarse		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.9	28.3
1439913	Coarse	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.4	31.5
1439914	Sandy	Coarse		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.7	24.8
1439915	Sandy	Coarse		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	30.7
1439916	Coarse	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	26.7
1439917	Coarse	Sandy	Rocky, quartz chip	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	3.1	30
1439918	Sandy	Fine		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.6	30.7
1439919	Coarse	Sandy	Micah	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	23.9
1439920	Fine	Sandy	Rocky	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.8	38.1
1439921	Coarse	Partially Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	2.2	62
1439922	Coarse	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	3	62.1
1439923	Coarse	Sandy	Micah	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	1.1	42.3
1439924	Fine	Sandy	Micah, partially fro:	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.7	40.2
1439925	Fine	Sandy	Micah, partially fro:	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.8	40.6
1439926	Frozen	Organic 10%	Small sample	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	15
1439927	Frozen	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	14.8
1439927	Frozen	Rocky Sample		REP	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	14.2
1439928	Fine	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	19
1439929	Frozen	Small Sample	Rocky, organic 10%	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	17.7
1439930	Coarse	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.4	20.2
1439931	Frozen	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	18.4
1439932	Coarse	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	20.1
1439933	Sandy	Rocky Sample	Partially frozen	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.5	29.8
1439934	Fine	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000404	11/21/2016 0:00	10/27/2016 0:00	0.6	21.7
1439935	Coarse	Partially Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	40.9

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1439904	7.8	46	0.05	22.5	15.9	376	3.02	5.2	1	1	8.5	28	0.05	0.3	0.1	70	0.42	0.038	26
1439905	7.7	52	0.05	24.7	11	528	3.93	22.3	3.1	32.8	20.9	15	0.05	0.3	0.4	69	0.27	0.061	40
1439906	61.7	66	0.2	25.3	7.9	174	2.8	11.8	0.8	1.3	5.5	13	0.05	0.3	0.3	63	0.16	0.034	18
1439907	15.1	94	0.05	34.8	13.8	321	3.41	13.8	2	17.5	7.9	12	0.05	0.3	0.2	61	0.18	0.055	26
1439908	17.5	64	0.05	29.3	10.5	395	3.13	31.6	1.9	2.2	19.3	12	0.3	1	0.3	28	0.29	0.069	33
1439909	15	62	0.1	28.2	10.9	610	3.97	8.4	1.9	10.8	20.2	17	0.05	0.4	0.2	39	0.4	0.05	55
1439910	10.2	49	0.2	32.7	10.9	248	3.57	78.8	1.6	18.7	21	62	0.05	0.4	0.3	36	0.35	0.059	55
1439911	7.9	27	0.8	5.1	1.2	67	1.77	9.1	1.2	12.4	12.5	25	0.05	0.7	0.6	10	0.09	0.058	60
1439912	10.3	95	0.05	35.9	14.5	539	4.03	12.1	2.3	7.7	23.7	16	0.05	0.3	0.2	38	0.18	0.037	65
1439913	15.4	72	0.05	23.7	7.2	399	4.8	5.7	2.2	6	18.2	30	0.05	0.8	0.2	28	0.18	0.041	51
1439914	14.3	95	0.1	25.3	10.1	606	4.02	26.2	1.2	2.3	9.3	9	0.05	0.7	0.2	51	0.13	0.022	21
1439915	22.6	142	0.1	30.5	17.3	393	4.25	33.3	2.9	25.1	19.6	13	0.05	1.3	0.3	33	0.12	0.036	76
1439916	17.9	81	0.2	16.4	7.6	426	4.04	32.3	1.6	30.1	15.9	15	0.05	0.8	0.3	42	0.08	0.03	59
1439917	24.8	153	0.2	34.7	18.8	428	4.35	42.9	3.2	60.6	18.6	19	0.05	0.7	0.3	21	0.15	0.046	42
1439918	15.7	81	0.4	33	10.7	459	2.91	28.9	0.9	21.5	8	23	0.1	0.6	0.2	43	0.61	0.046	32
1439919	19.8	98	0.3	25	12.1	446	3.43	34.4	1.6	22.2	15.4	17	0.05	0.7	0.2	32	0.26	0.044	54
1439920	24.3	110	0.05	40.6	17.4	489	4.03	67	2.2	27.9	19.8	14	0.05	0.8	0.3	37	0.27	0.037	50
1439921	21.9	115	0.1	52.7	23	1270	4.93	13	2.3	10.1	19.2	14	0.1	0.3	0.3	39	0.24	0.053	49
1439922	15.9	95	0.05	44.7	20.2	574	4.12	24.4	2.2	16.2	15.7	12	0.05	0.6	0.3	47	0.12	0.027	59
1439923	19.9	94	0.05	37.2	16.6	496	4.16	6.8	1.8	6	21.4	16	0.05	0.3	0.3	39	0.26	0.043	44
1439924	48.4	78	0.05	34.9	15.6	506	3.66	4.1	2	6.5	21.5	13	0.05	0.2	0.3	35	0.28	0.054	44
1439925	43.6	74	0.05	33.6	14.8	436	3.61	5.2	2.3	6.4	18	14	0.05	0.3	0.3	37	0.22	0.034	39
1439926	6.7	46	0.05	16.4	8.2	188	1.9	6.9	0.8	12.2	3.1	43	0.1	0.3	0.2	42	0.44	0.063	13
1439927	6.6	44	0.1	16.2	10.4	348	1.82	5.6	0.7	39.9	2.2	48	0.1	0.3	0.2	40	0.5	0.077	11
1439927	6.9	46	0.1	16.5	10.4	351	1.82	5.8	0.7	5.4	2.2	48	0.1	0.3	0.2	40	0.5	0.074	11
1439928	5.9	39	0.1	18	7.9	173	1.72	5.2	0.8	1593.6	3.2	50	0.05	0.2	0.1	38	0.5	0.069	13
1439929	7.3	43	0.1	18.5	8.5	169	1.91	5.4	0.7	37.8	2.2	48	0.1	0.3	0.4	42	0.47	0.061	13
1439930	6.3	43	0.05	21.6	10.1	222	1.96	5.3	1	8.7	3.2	50	0.05	0.3	0.1	43	0.5	0.061	14
1439931	6.8	40	0.05	19.5	9.2	162	2.01	6	0.9	6.3	3.6	40	0.05	0.3	0.1	43	0.39	0.061	14
1439932	6.7	40	0.05	21.7	9.5	166	2.05	6.1	0.8	5.9	3.4	44	0.05	0.3	0.1	44	0.42	0.059	14
1439933	6.2	45	0.1	39.1	16.2	279	2.28	5.5	0.6	2.5	2.5	52	0.1	0.3	0.05	51	0.54	0.088	11
1439934	6.8	41	0.05	18.9	9.6	171	2.07	6.4	0.8	4.7	3.6	47	0.05	0.4	0.1	44	0.43	0.048	14
1439935	4.9	24	0.05	67.1	12.4	175	1.76	7.6	0.5	2	2.7	35	0.05	0.2	0.05	34	0.43	0.032	9

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1439904	105	0.98	247	0.112	0	2.17	0.012	0.27	0.05	0.01	7.8	0.2	0.025	7	0.25	0.1
1439905	69	1	164	0.232	0	2.19	0.007	1	0.2	0.02	11.4	1	0.025	11	0.25	0.1
1439906	64	0.66	296	0.119	0	1.68	0.008	0.27	0.1	0.01	4	0.3	0.025	6	0.25	0.1
1439907	41	0.64	174	0.085	0	1.81	0.007	0.39	0.05	0.02	3.7	0.3	0.025	5	1.2	0.1
1439908	30	0.74	380	0.012	0	1.61	0.004	0.09	0.05	0.02	3.5	0.1	0.025	5	0.25	0.1
1439909	44	1.13	177	0.068	0	2.34	0.009	0.33	0.05	0.02	4.2	0.3	0.025	9	0.25	0.1
1439910	40	1.12	377	0.119	0	2.47	0.009	0.82	0.05	0.02	4.4	0.6	0.025	7	0.25	0.1
1439911	12	0.4	85	0.03	0	0.76	0.056	0.25	0.05	0.02	1.6	0.4	0.35	2	0.25	0.1
1439912	41	1.1	185	0.151	0	2.45	0.008	0.79	0.05	0.01	5.6	0.5	0.025	8	0.25	0.1
1439913	29	0.61	116	0.036	0	1.61	0.012	0.36	0.05	0.02	3.4	0.3	0.16	5	0.25	0.1
1439914	52	1.2	158	0.206	0	2.94	0.009	1.16	0.05	0.01	6.6	0.6	0.025	10	0.25	0.1
1439915	33	0.74	160	0.172	0	1.88	0.012	0.97	0.05	0.02	4.2	0.7	0.14	6	0.25	0.1
1439916	42	0.96	143	0.167	0	2.55	0.022	0.73	0.05	0.02	5.1	0.5	0.24	8	0.25	0.1
1439917	19	0.32	71	0.024	0	1	0.006	0.29	0.05	0.02	3.8	0.2	0.08	3	0.25	0.3
1439918	34	0.54	221	0.07	0	1.59	0.012	0.13	0.1	0.07	5.3	0.2	0.025	4	0.25	0.1
1439919	32	0.66	119	0.118	0	1.69	0.008	0.59	0.05	0.02	3.5	0.4	0.06	5	0.25	0.1
1439920	38	0.89	175	0.132	0	2.07	0.007	0.71	0.05	0.03	5.7	0.5	0.025	6	0.25	0.1
1439921	36	0.76	181	0.095	0	1.93	0.005	0.76	0.05	0.01	6.1	0.5	0.025	6	0.25	0.1
1439922	41	0.82	175	0.111	0	2.17	0.006	0.56	0.05	0.02	5.4	0.5	0.025	6	0.25	0.1
1439923	36	0.9	170	0.125	0	2.31	0.006	0.84	0.05	0.02	6	0.5	0.025	7	0.25	0.1
1439924	42	0.9	186	0.137	0	2.1	0.007	0.8	0.05	0.01	5.5	0.5	0.025	6	0.25	0.1
1439925	38	0.84	209	0.124	0	2.09	0.007	0.66	0.05	0.02	6.1	0.5	0.025	6	0.25	0.1
1439926	31	0.51	219	0.066	1	1.88	0.02	0.04	0.3	0.02	3.2	0.05	0.025	5	0.25	0.1
1439927	27	0.46	218	0.055	2	1.93	0.017	0.04	0.2	0.03	2.8	0.05	0.025	5	0.25	0.1
1439927	27	0.46	215	0.054	2	1.94	0.017	0.04	0.2	0.04	2.7	0.05	0.025	5	0.25	0.1
1439928	30	0.49	223	0.059	1	1.77	0.023	0.03	0.2	0.03	2.9	0.05	0.025	4	0.25	0.1
1439929	32	0.51	244	0.064	1	2.05	0.021	0.04	0.3	0.02	2.9	0.05	0.025	5	0.25	0.1
1439930	38	0.58	336	0.072	2	1.91	0.023	0.04	0.2	0.02	3.3	0.05	0.025	5	0.25	0.1
1439931	34	0.51	242	0.069	1	1.76	0.019	0.03	0.2	0.04	3.3	0.05	0.025	5	0.25	0.1
1439932	37	0.55	236	0.072	2	1.88	0.021	0.04	0.2	0.02	3.1	0.05	0.025	5	0.25	0.1
1439933	93	0.85	267	0.113	1	2.53	0.028	0.05	0.2	0.01	2.9	0.05	0.025	6	0.25	0.1
1439934	32	0.5	250	0.072	0	2.09	0.024	0.04	0.1	0.03	3.6	0.05	0.025	5	0.25	0.1
1439935	70	0.7	163	0.05	0	1.49	0.021	0.04	0.1	0.005	3.2	0.05	0.025	4	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1439936	BHC	Mark Severinsen	10/17/2016 0:00	07N	612523	7038230	-138.743015	63.45465367		870
1439937	BHC	Mark Severinsen	10/17/2016 0:00	07N	612498	7038228	-138.7435174	63.45464364		870
1439938	BHC	Mark Severinsen	10/17/2016 0:00	07N	612472	7038231	-138.7440363	63.45467876		881
1439939	BHC	Mark Severinsen	10/17/2016 0:00	07N	612447	7038229	-138.7445387	63.45466872		921
1439940	BHC	Mark Severinsen	10/17/2016 0:00	07N	612421	7038230	-138.745059	63.45468591		909
1439941	BHC	Mark Severinsen	10/17/2016 0:00	07N	612397	7038229	-138.7455406	63.45468452		906
1439942	BHC	Mark Severinsen	10/17/2016 0:00	07N	612373	7038229	-138.7460216	63.4546921		909
1439943	BHC	Mark Severinsen	10/17/2016 0:00	07N	612347	7038230	-138.7465419	63.45470927		929
1439944	BHC	Mark Severinsen	10/17/2016 0:00	07N	612321	7038229	-138.7470636	63.45470851		935
1439945	BHC	Mark Severinsen	10/17/2016 0:00	07N	612297	7038229	-138.7475446	63.45471609		930
1439945	BHC	Mark Severinsen	10/17/2016 0:00	07N	612297	7038229	-138.7475446	63.45471609		930
1439946	BHC	Mark Severinsen	10/17/2016 0:00	07N	612272	7038228	-138.7480463	63.45471501		948
1439947	BHC	Mark Severinsen	10/17/2016 0:00	07N	612248	7038229	-138.7485265	63.45473155		952
1439948	BHC	Mark Severinsen	10/17/2016 0:00	07N	612222	7038228	-138.7490482	63.45473078		959
1439949	BHC	Mark Severinsen	10/17/2016 0:00	07N	612195	7038229	-138.7495886	63.45474826		965
1439949	BHC	Mark Severinsen	10/17/2016 0:00	07N	612195	7038229	-138.7495886	63.45474826		965
1439950	BHC	Mark Severinsen	10/17/2016 0:00	07N	612195	7038229	-138.7495886	63.45474826	1439949	968
1445201	BHC	Yoann Voyer	10/23/2016 0:00	07N	614627	7031462	-138.7057127	63.39328995		710
1445202	BHC	Yoann Voyer	10/23/2016 0:00	07N	614650	7031463	-138.7052521	63.39329152		708
1445203	BHC	Yoann Voyer	10/23/2016 0:00	07N	614675	7031463	-138.7047522	63.39328349		708
1445204	BHC	Yoann Voyer	10/23/2016 0:00	07N	614701	7031464	-138.7042316	63.3932841		708
1445205	BHC	Yoann Voyer	10/23/2016 0:00	07N	614725	7031462	-138.7037531	63.39325845		707
1445206	BHC	Yoann Voyer	10/23/2016 0:00	07N	614752	7031463	-138.7032125	63.39325874		708
1445207	BHC	Yoann Voyer	10/23/2016 0:00	07N	614776	7031463	-138.7027326	63.39325102		713
1445208	BHC	Yoann Voyer	10/23/2016 0:00	07N	614803	7031463	-138.7021927	63.39324233		718
1445209	BHC	Yoann Voyer	10/24/2016 0:00	07N	616308	7032430	-138.6713965	63.40142641		782
1445210	BHC	Yoann Voyer	10/24/2016 0:00	07N	616336	7032431	-138.6708357	63.40142625		783
1445211	BHC	Yoann Voyer	10/24/2016 0:00	07N	616361	7032430	-138.6703364	63.40140913		780
1445212	BHC	Yoann Voyer	10/24/2016 0:00	07N	616384	7032430	-138.6698764	63.40140163		779
1445213	BHC	Yoann Voyer	10/24/2016 0:00	07N	616411	7032431	-138.6693356	63.40140178		782
1445214	BHC	Yoann Voyer	10/24/2016 0:00	07N	616435	7032430	-138.6688563	63.40138498		776
1445215	BHC	Yoann Voyer	10/24/2016 0:00	07N	616460	7032431	-138.6683556	63.40138579		774
1445216	BHC	Yoann Voyer	10/24/2016 0:00	07N	616485	7032431	-138.6678555	63.40137763		779

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1439936	Auger	60	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Dry	Good	Sand
1439937	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1439938	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439939	Auger	40	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Burnt Moss	Dry	Good	Silt
1439940	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Sand
1439941	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Gravel
1439942	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Sand
1439943	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1439944	Auger	40	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Gravel
1439945	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Gravel
1439945	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Gravel
1439946	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Sand
1439947	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Sand
1439948	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Sand
1439949	Auger	60	C	Pronounced Slope	Bluish Grey	Old Burn	Thin Moss Cover	Dry	Excellent	Gravel
1439949	Auger	60	C	Pronounced Slope	Bluish Grey	Old Burn	Thin Moss Cover	Dry	Excellent	Gravel
1439950	Auger	60	C	Pronounced Slope	Bluish Grey	Old Burn	Thin Moss Cover	Dry	Excellent	Gravel
1445201	Auger	40	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1445202	Auger	50	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1445203	Auger	40	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1445204	Auger	40	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1445205	Auger	40	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1445206	Auger	50	B	Pronounced Slope	Chocolate Brown	White Spruce	Sphagnum Moss <	Dry	Good	Silt
1445207	Auger	60	B	Pronounced Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Dry	Good	Silt
1445208	Auger	50	B	Pronounced Slope	Chocolate Brown	White Spruce	Sphagnum Moss <	Dry	Good	Silt
1445209	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1445210	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1445211	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1445212	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1445213	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1445214	Auger	60	B	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Silt
1445215	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1445216	Auger	40	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1439936	Coarse	Partially Frozen	Some micah	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	36.5
1439937	Sandy	Coarse		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.3	24.1
1439938	Sandy	Partially Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	37.3
1439939	Coarse	Sandy	Frozen.	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	29.2
1439940	Coarse	Rocky Sample	Partially frozen	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.1	51.3
1439941	Coarse	Rocky Sample	Sandy	SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	42.7
1439942	Coarse	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	47.5
1439943	Coarse	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.3	37.3
1439944	Sandy	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	32.3
1439945	Coarse	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	49
1439945	Coarse	Rocky Sample		REP	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.2	51.7
1439946	Coarse	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.3	51.1
1439947	Coarse	Rocky Sample		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.8	39.5
1439948	Coarse	Frozen		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.5	14.3
1439949	Coarse	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.05	28.5
1439949	Coarse	Sandy		REP	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.05	29.1
1439950	Coarse	Sandy		SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000405	11/10/2016 0:00	10/27/2016 0:00	0.1	33.7
1445201				SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.8	21.5
1445202	Sandy			SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.8	27.8
1445203	Fine			SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1	23.5
1445204	Fine			SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.8	22.4
1445205	Fine			SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.8	14.9
1445206	Sandy			SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.5	28
1445207	Fine			SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.8	41.1
1445208	Fine			SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.9	15.2
1445209	Fine			SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	18.3
1445210	Sandy			SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	22.9
1445211	Fine			SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.1	24.6
1445212	Fine			SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.7	35.4
1445213	Sandy			SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	32.3
1445214	Sandy			SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	30.8
1445215	Sandy			SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.7	27.3
1445216	Sandy			SOIL	BHC-10-30-2016 S	WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	16.9

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1439936	3.9	29	0.05	78	13.5	195	2.04	6.5	0.5	2.6	4	41	0.05	0.2	0.05	36	0.45	0.035	13
1439937	5.9	40	0.05	43.5	11.9	268	2.54	5.6	0.5	1.6	3.4	62	0.05	0.2	0.05	53	0.61	0.061	9
1439938	4	33	0.05	116.2	15.9	228	2.08	10	0.6	5.3	4.1	50	0.05	0.3	0.1	41	0.58	0.057	12
1439939	5.9	34	0.05	46.5	13.7	326	2.18	6.3	0.7	2.7	3.3	73	0.05	0.2	0.05	46	0.77	0.058	11
1439940	2.9	28	0.05	98.8	19.4	188	1.96	4.3	0.7	8	4.1	59	0.05	0.1	0.05	41	0.56	0.057	7
1439941	7.5	40	0.05	49.4	17.7	303	2.6	7.9	0.6	9.6	4.4	93	0.05	0.2	0.1	59	0.99	0.094	14
1439942	4.8	30	0.05	57.9	17.5	248	2.18	6.6	0.5	11.4	3.3	98	0.05	0.2	0.2	53	1.06	0.111	12
1439943	3.9	31	0.05	44.2	18.9	181	2.03	4.2	0.3	9.2	1	152	0.05	0.1	0.05	53	1.08	0.166	5
1439944	4.3	27	0.05	31.2	12.3	168	2.18	4.3	0.3	3.5	1.1	128	0.05	0.1	0.1	58	1.08	0.163	4
1439945	6.5	38	0.05	45.5	23.9	183	2.57	4.6	0.6	7.3	2.9	411	0.05	0.2	0.05	92	1.87	0.245	12
1439945	6.4	35	0.05	44.4	24.3	179	2.51	4.6	0.7	6.6	3.1	411	0.05	0.2	0.05	90	1.8	0.274	13
1439946	5.5	27	0.05	47.7	16.2	165	2.04	5.2	0.6	12.3	2.9	178	0.05	0.2	0.05	46	0.85	0.086	11
1439947	10	36	0.05	61.1	20.6	241	2.86	9.8	0.3	1.6	1.9	53	0.05	0.4	0.2	61	0.31	0.081	7
1439948	8	41	0.05	17.7	9.6	182	2.6	6.5	0.3	1.4	4.4	67	0.05	0.3	0.1	47	0.37	0.036	10
1439949	8.2	27	0.05	77.4	18.3	132	1.77	3	0.4	39.2	2.3	171	0.05	0.05	0.3	41	1.01	0.151	11
1439949	8.1	28	0.05	77.2	17.8	134	1.77	3.9	0.4	37.7	2.3	174	0.05	0.05	0.3	42	1.03	0.149	11
1439950	8.9	30	0.05	71.4	18.3	143	1.91	3.6	0.4	84.7	2	168	0.05	0.05	0.5	46	1.09	0.168	9
1445201	13.3	61	0.1	23.7	11.7	285	2.99	53.3	0.9	1.4	11.8	22	0.05	0.9	0.1	44	0.33	0.021	20
1445202	16.2	72	0.1	28.9	12.9	377	4.16	61.3	1.5	2	20.8	23	0.05	0.8	0.2	57	0.3	0.013	45
1445203	10.9	55	0.1	27.4	11.2	262	3.02	14.6	0.8	3.5	7.7	18	0.05	0.8	0.2	52	0.22	0.013	26
1445204	9.9	62	0.1	29.4	12.8	337	3.14	16.8	0.6	1.6	7.7	21	0.05	0.6	0.1	51	0.27	0.021	21
1445205	8.9	65	0.1	25.6	13.3	446	3.21	14.7	0.6	5.7	7.5	27	0.05	0.4	0.1	55	0.33	0.038	13
1445206	11	68	0.2	26.8	12.9	430	3.25	17.4	1.1	1.4	6.7	26	0.2	0.6	0.2	62	0.27	0.053	16
1445207	9.8	52	0.05	35.9	11.3	293	2.81	14	0.8	12.3	6.8	25	0.1	0.8	0.1	55	0.31	0.039	22
1445208	8.8	46	0.1	23.9	13.2	563	2.5	9	0.5	2	3.9	23	0.05	0.6	0.2	51	0.25	0.024	12
1445209	7.4	53	0.05	24.3	9.7	318	3	12.2	1	2.9	10.7	16	0.05	0.3	0.2	41	0.23	0.03	18
1445210	10.2	41	0.1	17.5	6.9	242	2.11	9.9	1.2	2.4	4.9	21	0.05	0.4	0.2	39	0.25	0.028	22
1445211	11.2	55	0.4	25.3	9.5	235	2.85	12	2	2.8	5.2	15	0.1	0.7	0.2	60	0.14	0.017	16
1445212	14.7	67	0.3	34.8	13.1	624	2.94	23.8	2.7	1.4	5	19	0.2	0.7	0.3	59	0.21	0.029	14
1445213	14	70	0.05	29.3	10.8	347	3.48	6.7	2.3	3.7	20.2	20	0.05	0.4	0.3	39	0.33	0.043	43
1445214	8.9	50	0.1	27.1	8.3	271	2.56	9.9	1.2	6.6	7.3	27	0.05	0.7	0.2	51	0.39	0.042	24
1445215	11.2	49	0.05	22.2	8.2	249	2.62	8.1	3.4	5.7	9.8	25	0.1	0.5	0.2	43	0.32	0.049	44
1445216	9.1	61	0.05	26.6	11.5	358	3.44	9.4	1	2.4	8.3	21	0.05	0.4	0.3	51	0.17	0.034	12



sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1439936	108	1.02	241	0.076	0	1.57	0.02	0.08	0.05	0.005	3.7	0.1	0.025	4	0.25	0.1
1439937	107	1.13	308	0.115	0	2.27	0.024	0.25	0.1	0.005	4.4	0.2	0.025	6	0.25	0.1
1439938	195	1.21	300	0.096	0	1.86	0.022	0.1	0.1	0.01	4.5	0.1	0.025	6	0.25	0.1
1439939	98	1.02	349	0.101	0	2.25	0.046	0.12	0.05	0.01	4.5	0.1	0.025	6	0.25	0.1
1439940	281	1.69	390	0.13	0	1.88	0.016	0.11	0.05	0.01	4.6	0.1	0.025	5	0.25	0.1
1439941	82	1.21	434	0.106	0	2.85	0.078	0.25	0.05	0.02	5.7	0.1	0.025	7	0.25	0.1
1439942	111	1.16	392	0.11	0	2.64	0.082	0.15	0.05	0.01	4.7	0.1	0.025	6	0.25	0.1
1439943	48	0.9	417	0.058	0	3.32	0.076	0.03	0.05	0.01	2.8	0.05	0.025	6	0.25	0.1
1439944	41	0.92	311	0.05	0	3.1	0.066	0.04	0.05	0.01	3.4	0.05	0.025	5	0.25	0.1
1439945	84	1.25	493	0.129	0	5.02	0.135	0.2	0.05	0.005	4	0.1	0.025	10	0.25	0.1
1439945	77	1.22	522	0.124	0	4.85	0.132	0.19	0.05	0.01	3.8	0.1	0.025	10	0.25	0.1
1439946	55	0.85	279	0.067	0	3.18	0.073	0.04	0.05	0.02	4.3	0.05	0.025	6	0.25	0.1
1439947	64	0.8	275	0.078	0	2.26	0.011	0.09	0.1	0.01	2.5	0.05	0.025	7	0.25	0.1
1439948	30	0.61	280	0.12	0	2.47	0.016	0.25	0.1	0.01	3.1	0.2	0.025	7	0.25	0.1
1439949	138	1.24	415	0.077	0	2.59	0.05	0.11	0.05	0.005	3.3	0.1	0.025	6	0.25	0.1
1439949	143	1.25	409	0.082	0	2.64	0.051	0.11	0.05	0.005	3.3	0.1	0.025	6	0.25	0.1
1439950	115	1.19	406	0.077	0	2.93	0.06	0.11	0.05	0.005	3.7	0.05	0.025	6	0.25	0.1
1445201	36	0.49	152	0.042	1	1.8	0.007	0.34	0.1	0.02	5	0.4	0.025	5	0.25	0.1
1445202	50	0.88	143	0.135	0	2.8	0.008	0.83	0.1	0.02	8.3	0.7	0.025	9	0.25	0.1
1445203	41	0.51	137	0.093	0	1.78	0.01	0.28	0.2	0.03	6	0.1	0.025	5	0.25	0.1
1445204	40	0.5	171	0.066	0	1.82	0.009	0.18	0.1	0.02	5.9	0.2	0.025	6	0.25	0.1
1445205	54	0.71	247	0.119	0	1.98	0.008	0.39	0.1	0.01	5.2	0.2	0.025	7	0.25	0.1
1445206	48	0.67	289	0.109	0	2.01	0.009	0.36	0.2	0.02	5.6	0.2	0.025	6	0.25	0.1
1445207	41	0.61	208	0.092	0	1.58	0.012	0.19	0.2	0.04	6.3	0.1	0.025	4	0.25	0.1
1445208	33	0.49	384	0.078	0	1.48	0.011	0.2	0.1	0.01	4.3	0.1	0.025	5	0.25	0.1
1445209	37	0.96	277	0.182	0	1.96	0.007	0.75	0.2	0.005	4.3	0.4	0.025	7	0.25	0.1
1445210	26	0.44	240	0.059	0	1.28	0.008	0.11	0.1	0.02	3.4	0.1	0.025	4	0.25	0.1
1445211	35	0.47	218	0.057	0	1.8	0.007	0.08	0.2	0.03	4.8	0.05	0.025	5	0.25	0.1
1445212	36	0.44	302	0.042	1	2.02	0.006	0.1	0.1	0.02	3.5	0.1	0.025	5	0.25	0.1
1445213	36	0.76	219	0.113	0	2.04	0.01	0.49	0.05	0.02	5.3	0.4	0.025	6	0.25	0.1
1445214	33	0.55	234	0.079	2	1.37	0.019	0.12	0.2	0.03	5.2	0.1	0.025	4	0.25	0.1
1445215	30	0.51	205	0.084	1	1.45	0.013	0.2	0.2	0.03	4.5	0.2	0.025	5	0.25	0.1
1445216	43	0.74	198	0.166	0	2.15	0.008	0.72	0.1	0.02	3.8	0.4	0.025	7	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1445217	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	616510	7032431	-138.6673555	63.40136946		781
1445218	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	616536	7032430	-138.6668362	63.401352		783
1445219	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	616563	7032429	-138.6662906	63.4013362		802
1445220	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	616585	7032430	-138.6658561	63.40133599		791
1445221	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	616609	7032430	-138.6653761	63.40132814		795
1445222	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	616634	7032431	-138.6648754	63.40132894		798
1445223	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	616661	7032432	-138.6643346	63.40132908		797
1445224	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	617111	7032432	-138.6553342	63.40118162		695
1445225	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	617111	7032432	-138.6553342	63.40118162	1445224	693
1445701	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	617945	7037704	-138.6347587	63.44818144		1104
1445702	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	617968	7037704	-138.6342979	63.44817382		1111
1445702	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	617968	7037704	-138.6342979	63.44817382		1111
1445703	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	617994	7037704	-138.633777	63.44816521		1114
1445704	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618020	7037704	-138.6332562	63.44815659		1117
1445705	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618044	7037705	-138.6327746	63.4481576		1122
1445706	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618069	7037704	-138.6322745	63.44814034		1129
1445707	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618095	7037706	-138.6317522	63.44814965		1131
1445708	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618118	7037703	-138.6312937	63.44811512		1134
1445709	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618144	7037704	-138.630772	63.44811546		1137
1445710	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618170	7037703	-138.6302519	63.44809786		1142
1445711	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618196	7037703	-138.6297311	63.44808923		1142
1445712	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618221	7037707	-138.6292273	63.44811679		1145
1445713	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618246	7037706	-138.6287272	63.44809952		1142
1445714	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618271	7037704	-138.6282278	63.44807328		1145
1445715	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618296	7037707	-138.6277248	63.44809188		1140
1445716	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618320	7037706	-138.6272447	63.44807494		1138
1445717	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618344	7037705	-138.6267647	63.44805799		1137
1445718	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618371	7037705	-138.6262238	63.44804901		1131
1445719	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618396	7037706	-138.6257222	63.44804967		1122
1445720	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618420	7037706	-138.6252414	63.44804168		1121
1445721	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618446	7037709	-138.6247183	63.44805994		1118
1445722	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618471	7037709	-138.6242175	63.44805162		1116
1445723	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618497	7037707	-138.6236981	63.44802503		1114

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1445217	Auger	60	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1445218	Auger	60	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Silt
1445219	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Silt
1445220	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1445221	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1445222	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Silt
1445223	Auger	40	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Sand
1445224	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1445225	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1445701	Auger	70	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Sphagnum Moss <	Dry	Good	Silt
1445702	Auger	60	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Sphagnum Moss <	Dry	Good	Silt
1445702	Auger	60	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Sphagnum Moss <	Dry	Good	Silt
1445703	Auger	60	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Sphagnum Moss <	Dry	Good	Silt
1445704	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Sphagnum Moss <	Dry	Good	Silt
1445705	Auger	60	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1445706	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1445707	Auger	40	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1445708	Auger	40	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1445709	Auger	70	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1445710	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1445711	Auger	70	C	Flat	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1445712	Auger	70	C	Flat	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1445713	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1445714	Auger	70	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1445715	Auger	70	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1445716	Auger	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Sand
1445717	Auger	80	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1445718	Auger	60	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1445719	Auger	80	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1445720	Auger	40	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1445721	Auger	80	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1445722	Auger	90	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Excellent	Silt
1445723	Auger	110	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1445217	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	15
1445218	Fine	Clay		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	21.4
1445219	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	23.8
1445220	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	36.8
1445221	Rocky Terrain			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	9.9
1445222				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	23.9
1445223	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	15.6
1445224	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	17.3
1445225	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	17.8
1445701	Rusty Rock Chip	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.2	29.9
1445702	Coarse	Dull Red Rust		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.6	16.5
1445702	Coarse	Dull Red Rust		REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.7	17
1445703	Coarse	Dull Red Rust		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.3	15.3
1445704	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.4	18.2
1445705	Coarse	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.6	24.7
1445706	Coarse	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.4	23.4
1445707	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.6	18.3
1445708	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.2	19.3
1445709	Coarse	Rusty Rock Chip		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.6	28
1445710	Rocky Sample	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	2.1	16.9
1445711	Coarse	Dull Red Rust		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.2	21.5
1445712	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	2	16.2
1445713	Partially Frozen	Fine		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.4	14.5
1445714	Fine	Bright Orange Rust		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.6	22
1445715	Organic 10%	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.6	28
1445716	Organic 10%	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.6	8.7
1445717	Coarse	Rusty Rock Chip		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.6	21
1445718	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.8	19.5
1445719	Fine	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.4	16.7
1445720	Coarse	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.9	13.4
1445721	Coarse	Rusty Rock Chip		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.8	22.2
1445722	Coarse	Rusty Rock Chip		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1	28
1445723	Fine	Rusty Rock Chip		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.6	18.4

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1445217	11.2	50	0.05	20	8.9	256	2.65	6	0.8	1.5	7.9	24	0.05	0.3	0.2	40	0.24	0.033	15
1445218	10	55	0.05	22.2	8.7	286	2.88	10.1	1.5	3.3	10.1	25	0.05	0.6	0.2	46	0.27	0.026	27
1445219	11.7	56	0.05	22.5	8.4	234	2.56	6.7	1	3.8	8.4	26	0.05	0.5	0.2	43	0.24	0.02	26
1445220	26.9	102	0.05	37.2	14.2	387	3.72	4.9	2.7	2.1	25.1	36	0.05	0.3	0.4	52	0.25	0.044	62
1445221	9.6	54	0.05	21	15.3	436	2.78	3.5	0.5	0.6	5.4	21	0.05	0.3	0.2	50	0.22	0.021	11
1445222	9.2	47	0.05	22.7	8.2	265	2.55	7.5	1.4	4	7.6	24	0.05	0.5	0.2	45	0.29	0.027	31
1445223	16.6	65	0.05	25.2	12.4	441	3.31	6.3	0.8	0.25	11.7	23	0.05	0.3	0.2	53	0.26	0.028	13
1445224	14.4	57	0.05	22.1	10.1	236	2.96	7.3	0.8	2.1	9.3	16	0.05	0.5	0.2	43	0.2	0.025	19
1445225	14.3	61	0.05	21.7	10.6	276	2.98	7.7	1.1	1.6	11.9	16	0.05	0.5	0.3	42	0.21	0.028	28
1445701	10.6	62	0.05	21.7	9.1	354	2.64	8.3	2.6	3.2	12.3	18	0.05	0.7	0.2	41	0.19	0.03	32
1445702	10.9	54	0.05	15.7	8	287	2.57	8.5	1.3	2.3	11	9	0.05	0.6	0.2	45	0.09	0.022	18
1445702	11.4	57	0.05	16.1	8.2	292	2.62	8.6	1.3	1.9	11.4	9	0.05	0.7	0.2	45	0.09	0.021	19
1445703	11.6	49	0.05	13.5	5.9	194	2.39	7.9	1.2	1.8	3.4	10	0.05	0.5	0.2	46	0.09	0.04	17
1445704	10.3	58	0.05	16	7.7	283	2.51	7.1	1.7	2	11	12	0.05	0.5	0.2	40	0.13	0.027	29
1445705	12.7	63	0.05	21.2	11.2	439	2.98	10.6	1.9	2.1	13.5	11	0.05	0.7	0.2	49	0.1	0.03	24
1445706	11.1	60	0.05	18.5	9.6	322	2.62	9	1.5	2.4	15.5	8	0.05	0.7	0.2	42	0.09	0.024	22
1445707	9.8	48	0.05	15.3	9	350	2.44	6.3	1.6	1.6	16.1	8	0.05	0.5	0.2	39	0.08	0.023	37
1445708	11.5	52	0.05	20.2	9.5	291	2.88	10.9	1.2	1.7	10	10	0.05	0.7	0.2	50	0.09	0.027	15
1445709	11.6	55	0.1	20.6	9.4	355	2.69	9.4	1.8	3	14.7	14	0.05	0.8	0.2	50	0.13	0.024	55
1445710	8.9	43	0.1	12.3	8.2	252	2.36	7.7	1.3	1.9	10.9	9	0.05	0.9	0.2	33	0.08	0.013	21
1445711	12.1	58	0.05	18	8.4	297	2.77	9.4	1.4	1.9	8.3	13	0.05	0.8	0.2	49	0.13	0.04	22
1445712	10.2	44	0.05	14.9	6.8	261	2.11	6.6	1.3	3.7	10.9	11	0.05	0.6	0.2	34	0.1	0.017	33
1445713	13.1	45	0.05	17.1	7.7	219	2.69	10.4	0.9	2.9	10.5	9	0.05	0.6	0.2	44	0.09	0.025	15
1445714	10.5	53	0.05	20.9	9	298	2.4	8	1.2	4.7	9.3	12	0.05	0.8	0.2	41	0.14	0.022	32
1445715	10.7	56	0.05	22.8	11	329	2.66	10	1.3	4.1	10.4	11	0.05	0.9	0.2	46	0.11	0.021	29
1445716	5.2	28	0.05	7.4	3.6	157	1.37	4	0.9	1.9	1.3	8	0.1	0.5	0.2	26	0.08	0.035	17
1445717	10.2	56	0.05	21.8	10.3	352	2.73	8.8	1.1	2.8	9.1	12	0.05	0.9	0.2	48	0.11	0.02	21
1445718	9.2	48	0.05	16.7	8.9	393	2.51	7	1.8	2.6	11.9	11	0.05	0.9	0.2	38	0.11	0.022	30
1445719	10.2	49	0.05	17.3	8.6	261	2.46	8	1	3.9	4.1	10	0.1	0.8	0.2	44	0.11	0.039	17
1445720	7.5	43	0.05	10.9	6	231	1.98	4	1.9	2.1	9.9	14	0.1	1.3	0.1	31	0.11	0.031	25
1445721	11.3	59	0.05	18.1	8.9	307	2.65	8.3	2	2.9	11.6	11	0.05	1	0.2	44	0.12	0.044	22
1445722	9.6	53	0.05	18.5	7.9	285	2.33	7.7	2.7	19.5	7.8	14	0.05	0.8	0.2	40	0.16	0.037	26
1445723	10.8	49	0.05	14	6.1	223	2.42	7.4	1.9	2.4	8.8	10	0.05	0.9	0.2	44	0.12	0.034	23

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1445217	31	0.55	188	0.106	0	1.67	0.012	0.4	0.1	0.01	3	0.2	0.025	5	0.25	0.1
1445218	33	0.52	194	0.084	1	1.56	0.016	0.25	0.1	0.02	5	0.2	0.025	4	0.25	0.1
1445219	33	0.53	227	0.091	0	1.49	0.014	0.23	0.1	0.03	4	0.2	0.025	5	0.25	0.1
1445220	52	0.92	324	0.271	0	2.97	0.011	1.16	0.1	0.02	8.1	0.6	0.025	9	0.25	0.1
1445221	33	0.55	286	0.101	1	2.01	0.008	0.18	0.05	0.01	2.9	0.2	0.025	7	0.25	0.1
1445222	32	0.5	235	0.085	0	1.5	0.015	0.2	0.1	0.03	5.1	0.1	0.025	4	0.25	0.1
1445223	45	0.82	223	0.201	0	2.34	0.01	0.78	0.2	0.005	4.3	0.4	0.025	7	0.25	0.1
1445224	33	0.62	176	0.108	0	1.74	0.008	0.37	0.1	0.01	3.4	0.3	0.025	5	0.25	0.1
1445225	33	0.6	208	0.103	0	1.76	0.007	0.38	0.1	0.01	3.9	0.3	0.025	5	0.25	0.1
1445701	35	0.62	327	0.079	0	1.43	0.007	0.18	0.3	0.05	5.3	0.2	0.025	5	0.25	0.1
1445702	27	0.52	158	0.072	0	1.62	0.005	0.12	0.2	0.04	3.3	0.2	0.025	6	0.25	0.1
1445702	27	0.53	161	0.073	0	1.64	0.005	0.12	0.2	0.05	3.3	0.2	0.025	6	0.25	0.1
1445703	24	0.47	136	0.059	0	1.38	0.005	0.09	0.2	0.02	2.7	0.2	0.025	6	0.25	0.1
1445704	24	0.61	200	0.083	0	1.55	0.006	0.16	0.2	0.03	4.1	0.2	0.025	6	0.25	0.1
1445705	32	0.59	195	0.074	1	1.9	0.007	0.1	0.2	0.04	5.1	0.2	0.025	5	0.25	0.1
1445706	29	0.56	163	0.069	0	1.81	0.005	0.14	0.2	0.04	4.2	0.2	0.025	5	0.25	0.1
1445707	26	0.59	134	0.078	0	1.55	0.005	0.16	0.1	0.01	4.2	0.2	0.025	6	0.25	0.1
1445708	35	0.56	164	0.064	1	2.03	0.007	0.06	0.2	0.03	4	0.1	0.025	5	0.25	0.1
1445709	30	0.51	264	0.057	1	1.8	0.007	0.07	0.2	0.04	5.8	0.1	0.025	5	0.25	0.1
1445710	19	0.54	156	0.066	0	1.67	0.005	0.16	0.1	0.03	4.8	0.1	0.025	6	0.25	0.1
1445711	30	0.51	277	0.057	1	1.83	0.007	0.08	0.2	0.04	5.6	0.1	0.025	6	0.25	0.1
1445712	21	0.49	181	0.056	0	1.27	0.006	0.1	0.2	0.03	4.1	0.1	0.025	5	0.25	0.1
1445713	27	0.48	163	0.042	1	1.92	0.005	0.08	0.2	0.04	3.2	0.1	0.025	5	0.25	0.1
1445714	28	0.55	250	0.058	0	1.43	0.007	0.07	0.2	0.04	4.4	0.1	0.025	5	0.25	0.1
1445715	31	0.58	231	0.062	1	1.72	0.007	0.1	0.2	0.07	4.7	0.1	0.025	5	0.25	0.1
1445716	14	0.36	135	0.039	1	0.79	0.006	0.14	0.1	0.04	1.4	0.1	0.025	4	0.25	0.1
1445717	33	0.64	207	0.071	2	1.77	0.007	0.09	0.2	0.05	4.7	0.2	0.025	5	0.25	0.1
1445718	27	0.59	245	0.07	0	1.53	0.006	0.15	0.2	0.05	4.7	0.2	0.025	5	0.25	0.1
1445719	32	0.51	165	0.048	1	1.55	0.005	0.08	0.2	0.05	3.2	0.1	0.025	5	0.25	0.1
1445720	21	0.46	154	0.059	1	0.99	0.005	0.2	0.2	0.09	2.9	0.2	0.025	4	0.25	0.1
1445721	28	0.53	194	0.064	2	1.6	0.005	0.11	0.2	0.06	4	0.2	0.025	6	0.25	0.1
1445722	27	0.48	296	0.058	0	1.37	0.006	0.08	0.2	0.06	4.3	0.1	0.025	4	0.25	0.1
1445723	25	0.47	174	0.068	0	1.47	0.005	0.1	0.2	0.04	3.5	0.2	0.025	6	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1445724	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618595	7037705	-138.6217364	63.44797446		1092
1445725	BHC	Jack Taforo JT01	10/18/2016 0:00	07N	618595	7037705	-138.6217364	63.44797446		1092
1446476	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	613443	7033190	-138.7281626	63.40916455		750
1446477	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	613417	7033190	-138.7286828	63.40917282		745
1446478	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	613388	7033189	-138.7292637	63.40917307		744
1446551	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	613997	7031564	-138.7182377	63.39440647		729
1446552	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614025	7031564	-138.7176777	63.39439752		750
1446553	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614050	7031565	-138.7171771	63.3943985		766
1446554	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614075	7031567	-138.7166758	63.39440844		778
1446555	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614101	7031567	-138.7161558	63.39440013		743
1446556	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614124	7031564	-138.715698	63.39436587		748
1446557	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614149	7031563	-138.7151988	63.39434891		751
1446558	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614176	7031563	-138.7146589	63.39434027		752
1446559	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614199	7031564	-138.7141983	63.39434188		754
1446560	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614225	7031563	-138.7136791	63.39432459		753
1446561	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614250	7031561	-138.7131806	63.39429865		752
1446561	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614250	7031561	-138.7131806	63.39429865		752
1446562	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614275	7031561	-138.7126807	63.39429064		753
1446563	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614301	7031562	-138.71216	63.39429128		751
1446564	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614326	7031563	-138.7116594	63.39429224		750
1446565	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614351	7031562	-138.7111602	63.39427526		753
1446566	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614376	7031562	-138.7106603	63.39426725		750
1446567	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614402	7031562	-138.7101404	63.39425891		750
1446568	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614427	7031561	-138.7096412	63.39424193		748
1446569	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614451	7031565	-138.7091584	63.3942701		742
1446570	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614477	7031563	-138.7086399	63.39424383		743
1446571	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614501	7031562	-138.7081607	63.39422716		737
1446572	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614525	7031566	-138.7076779	63.39425533		736
1446573	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614552	7031562	-138.7071409	63.39421079		736
1446574	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614576	7031565	-138.7066588	63.39422999		729
1446575	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614575	7031565	-138.7066788	63.39423031		729
1446576	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	614191	7033490	-138.7129829	63.41161608		853
1446577	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	614167	7033494	-138.7134602	63.41165964		861

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1445724	Auger	60	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1445725	Auger	60	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1446476	Auger	50	C	Pronounced Slope	Dark Brown	Old Burn	Grass Cover	Damp	Good	Sand
1446477	Auger	60	C	Pronounced Slope	Dark Brown	Black Spruce	Sphagnum Moss	< Damp	Good	Clay
1446478	Auger	70	C	Pronounced Slope	Chocolate Brown	Black Spruce	Grass Cover	Dry	Good	Clay
1446551	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1446552	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1446553	Auger	30	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1446554	Auger	20	B	Subtle Slope	Dark Brown	Old Burn	Grass Cover	Dry	Poor	Silt
1446555	Auger	20	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1446556	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1446557	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Silt
1446558	Auger	70	C	Subtle Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Silt
1446559	Auger	30	C	Flat	Chocolate Brown	Poplar	Reindeer Moss	Dry	Good	Silt
1446560	Auger	60	C	Flat	Chocolate Brown	Poplar	Reindeer Moss	Dry	Good	Silt
1446561	Auger	70	C	Flat	Chocolate Brown	Birch Forest	Thin Moss Cover	Damp	Good	Silt
1446561	Auger	70	C	Flat	Chocolate Brown	Birch Forest	Thin Moss Cover	Damp	Good	Silt
1446562	Auger	30	C	Subtle Slope	Chocolate Brown	Birch Forest	Thin Moss Cover	Dry	Good	Silt
1446563	Auger	30	C	Subtle Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1446564	Auger	50	C	Subtle Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Silt
1446565	Auger	60	C	Subtle Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Excellent	Silt
1446566	Auger	60	C	Subtle Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Silt
1446567	Auger	40	C	Subtle Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1446568	Auger	40	C	Subtle Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Silt
1446569	Auger	60	C	Subtle Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Silt
1446570	Auger	60	C	Subtle Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Silt
1446571	Auger	40	C	Subtle Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Silt
1446572	Auger	40	C	Subtle Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Silt
1446573	Auger	50	C	Subtle Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Silt
1446574	Auger	60	C	Pronounced Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Silt
1446575	Auger	60	C	Pronounced Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Silt
1446576	Auger	90	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1446577	Auger	100	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Silt



sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1445724	Coarse	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.3	17.7
1445725	Coarse	Rocky Sample	Dupe of 1445724	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.4	16.6
1446476	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.1	106.8
1446477	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.8	95.4
1446478	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.8	53.3
1446551	Organic 10%	Partially Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.4	40.2
1446552	Organic 10%	Partially Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.6	40.7
1446553	Partially Frozen	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	3	52.1
1446554	Organic 10%	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	3.3	39.2
1446555	Frozen	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.8	36.5
1446556	Partially Frozen	Fine		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.2	33.3
1446557	Fine	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.1	110.3
1446558	Fine	Partially Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.7	68.4
1446559	Fine	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.8	15.6
1446560	Dull Red Rust	Fine		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	4	56.4
1446561	Fine	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.6	46.2
1446561	Fine	Rocky Sample		REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.5	45.6
1446562	Rocky Sample	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	2.3	29.7
1446563	Rocky Sample	Fine		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	5.8	32
1446564	Fine	Dull Red Rust		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	3.6	69.4
1446565	Fine	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.5	26.7
1446566	Fine	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1	25.9
1446567	Fine	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.8	39.7
1446568	Fine	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1	46.5
1446569	Fine	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1	43.3
1446570	Fine	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.8	54.7
1446571	Fine	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.8	21.3
1446572	Fine	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.7	15.7
1446573	Fine	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.7	23.9
1446574	Coarse	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.2	27
1446575	Coarse	Organic 10%	Dupe of 1446574	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.1	28.5
1446576	Coarse	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.3	22.1
1446577	Coarse	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.1	35

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1445724	10.7	57	0.05	16.7	8.2	322	2.36	7.8	2.1	3.2	10.7	12	0.1	0.7	0.2	40	0.14	0.045	25
1445725	11	54	0.05	15.1	7.5	308	2.39	7.9	2.1	3.8	9.3	11	0.1	0.7	0.2	43	0.13	0.043	25
1446476	6.6	116	0.05	37	18.3	640	3.43	10.4	3	2.9	6.5	15	0.2	0.6	0.3	131	0.8	0.274	27
1446477	7.9	103	0.1	46.5	26.5	1284	5.88	20.3	2.8	3	4.1	28	0.3	1.1	0.2	130	0.66	0.213	37
1446478	8.2	57	0.05	27.1	13.5	532	2.88	22.6	2.1	4.5	4.3	22	0.1	1	0.3	63	0.26	0.053	19
1446551	9.8	57	0.2	24.3	10.5	362	2.5	27	0.8	1.3	1.3	21	0.5	1.8	0.2	53	0.23	0.042	13
1446552	10.5	62	0.3	43	14.1	409	2.65	41.2	1.2	3.8	2.6	18	0.3	2.3	0.2	56	0.23	0.064	22
1446553	10.1	74	0.4	30.3	16.5	488	3.24	68	1.5	3.5	1.9	29	0.6	3.9	0.2	64	0.35	0.074	21
1446554	10.3	45	0.7	15.5	6.1	518	2.06	59.6	0.9	2.2	0.2	29	1.2	10	0.2	50	0.35	0.067	11
1446555	7.8	33	0.3	12.8	4.9	160	1.68	21.8	0.5	1.5	1.3	7	0.3	1	0.1	28	0.05	0.028	6
1446556	7.7	142	0.1	96.3	17	459	4.1	8.3	0.7	3	4.4	17	0.2	0.6	0.1	75	0.27	0.039	25
1446557	11.1	76	0.1	151.2	39.5	1827	4.91	3.6	0.05	1.6	1.1	46	0.2	0.05	0.05	87	4.31	0.069	4
1446558	11.5	136	0.1	81.4	20.8	1303	5.92	32.1	0.9	1.1	5.3	20	0.2	1	0.2	93	0.4	0.048	33
1446559	10.1	44	0.3	17.1	10.1	315	2.25	30	0.5	1.6	3	20	0.2	0.9	0.2	58	0.25	0.043	11
1446560	7.6	106	0.3	70.6	29.9	1038	4.38	27.3	1.3	1.7	5.4	20	0.2	0.5	0.1	118	0.36	0.112	19
1446561	12.7	64	0.4	33.1	11.4	274	2.83	22.9	1	4	4.5	28	0.3	0.8	0.2	63	0.77	0.026	17
1446561	12	63	0.4	35.7	11.4	269	2.78	21.5	1	4.4	4.3	28	0.3	0.8	0.2	63	0.78	0.025	17
1446562	9.2	108	1	30.9	11.2	338	2.25	25.4	1	2.6	2.9	17	0.9	0.8	0.1	67	0.3	0.046	13
1446563	11.8	91	1.1	281.6	41	1259	4.31	218.7	0.9	9.3	2.7	49	0.5	5.4	0.4	65	1.84	0.052	12
1446564	9.4	140	0.4	86.5	18.7	538	3.86	52.7	1	6.3	5	20	0.2	1.9	0.1	97	0.48	0.064	25
1446565	6.2	69	0.05	38.4	20.4	601	4.52	11.4	0.7	2.3	7.5	20	0.05	0.4	0.05	122	0.97	0.142	27
1446566	8.9	55	0.2	31.6	11.7	377	2.84	12.7	0.7	3.3	4.9	22	0.1	0.6	0.1	61	0.32	0.057	16
1446567	5.7	45	0.3	97.2	28.4	437	3.47	39.3	0.3	1.1	2.3	20	0.05	0.3	0.05	64	0.52	0.091	7
1446568	9	79	0.3	61.2	18.3	374	3.67	13.6	0.8	4.2	4.5	24	0.05	0.4	0.1	99	0.35	0.057	14
1446569	10.3	57	0.2	46.4	13.8	300	3.06	16.4	1.1	2.8	6	21	0.05	0.8	0.2	62	0.28	0.037	20
1446570	6.7	58	0.2	40.4	16.2	267	3.37	14.9	0.7	4.2	4.7	21	0.05	0.4	0.1	77	0.39	0.097	20
1446571	6.7	41	0.1	27.7	13.6	381	2.74	9.3	0.4	4.9	3.1	19	0.05	0.3	0.1	61	0.28	0.038	9
1446572	7.8	55	0.1	28.6	15	630	3.02	10.4	0.6	0.25	5.5	26	0.05	0.3	0.1	57	0.29	0.061	11
1446573	8.6	59	0.1	24.5	13.7	594	3.3	14.9	0.7	0.25	6.1	34	0.05	0.5	0.1	65	0.32	0.06	15
1446574	10	49	0.05	33.9	13.4	387	2.91	16.3	0.5	1.4	5	22	0.05	0.6	0.2	56	0.32	0.03	13
1446575	10.6	49	0.1	34.9	13.7	379	2.94	17.8	0.5	1.4	5.5	23	0.05	0.6	0.2	58	0.33	0.031	14
1446576	6.7	49	0.05	29.5	11.9	232	2.69	4.3	0.7	0.25	4.6	46	0.05	0.3	0.05	74	0.59	0.056	13
1446577	5.2	46	0.05	34.7	17.3	349	2.87	2.3	0.6	1.7	3.9	78	0.05	0.2	0.05	81	0.95	0.11	11

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1445724	25	0.46	197	0.069	0	1.38	0.006	0.1	0.2	0.03	3.6	0.2	0.025	5	0.25	0.1
1445725	23	0.45	196	0.069	0	1.44	0.005	0.1	0.2	0.03	3.3	0.2	0.025	5	0.25	0.1
1446476	35	0.83	208	0.074	0	1.5	0.004	0.46	0.1	0.04	6.9	0.4	0.025	6	0.6	0.1
1446477	33	1.01	327	0.071	1	2.3	0.005	0.58	0.05	0.05	10.6	0.3	0.025	9	0.25	0.1
1446478	30	0.47	256	0.042	1	1.62	0.007	0.1	0.05	0.05	5.2	0.1	0.025	5	0.5	0.1
1446551	37	0.33	298	0.048	1	1.5	0.007	0.07	0.1	0.2	3.2	0.05	0.025	5	0.25	0.1
1446552	40	0.33	299	0.03	0	1.34	0.006	0.06	0.3	0.21	4.3	0.1	0.025	5	0.25	0.1
1446553	44	0.32	327	0.02	1	1.39	0.005	0.06	0.3	0.48	5.2	0.2	0.025	6	0.7	0.1
1446554	32	0.15	412	0.015	2	0.9	0.007	0.07	0.2	0.52	1.1	0.05	0.025	4	2.4	0.1
1446555	24	0.19	144	0.045	0	0.79	0.003	0.16	0.05	0.16	1.9	0.2	0.025	3	0.25	0.1
1446556	75	1.26	513	0.133	1	2.48	0.008	0.63	0.1	0.03	6	0.4	0.025	7	0.25	0.1
1446557	289	3.49	428	0.192	0	3.02	0.005	1.11	0.1	0.02	6.4	0.5	0.025	7	0.25	0.1
1446558	114	1.57	588	0.189	0	3.13	0.007	0.72	0.1	0.14	10.9	0.7	0.025	13	0.25	0.1
1446559	36	0.35	589	0.037	1	1.47	0.006	0.06	0.2	0.04	3.5	0.05	0.025	5	0.25	0.1
1446560	97	0.83	1288	0.133	0	2.12	0.007	0.45	0.1	0.03	6.9	0.3	0.025	8	2.4	0.1
1446561	43	0.56	357	0.059	1	1.92	0.011	0.07	0.2	0.1	6.7	0.1	0.025	5	0.25	0.1
1446561	44	0.55	349	0.055	2	1.93	0.01	0.07	0.1	0.09	6.2	0.1	0.025	5	0.25	0.1
1446562	34	0.43	275	0.046	0	1.31	0.007	0.09	0.1	0.02	3.5	0.2	0.025	5	0.25	0.1
1446563	120	0.88	477	0.025	2	1.51	0.011	0.14	0.1	0.11	7.5	0.05	0.025	4	0.6	0.1
1446564	82	0.92	365	0.033	1	1.71	0.005	0.35	0.1	0.06	9.9	0.6	0.025	6	0.8	0.1
1446565	122	1.86	971	0.163	0	2.99	0.013	1.15	0.1	0.03	13.8	0.4	0.025	11	0.25	0.1
1446566	42	0.58	419	0.084	0	1.67	0.013	0.23	0.1	0.02	5.8	0.1	0.025	4	0.25	0.1
1446567	91	0.5	353	0.055	2	1.35	0.01	0.18	0.1	0.01	9.7	0.05	0.025	4	0.25	0.1
1446568	78	1.18	789	0.156	1	2.54	0.012	0.53	0.2	0.01	6.7	0.2	0.025	7	0.25	0.1
1446569	49	0.61	386	0.092	0	1.69	0.01	0.2	0.2	0.03	7	0.1	0.025	5	0.25	0.1
1446570	56	1.02	339	0.129	0	2.02	0.011	0.51	0.2	0.01	6.3	0.1	0.025	6	0.25	0.1
1446571	40	0.7	380	0.102	2	1.69	0.009	0.2	0.2	0.01	4.3	0.05	0.025	5	0.25	0.1
1446572	48	0.7	355	0.095	0	2.05	0.009	0.34	0.2	0.01	4.7	0.2	0.025	7	0.25	0.1
1446573	42	0.86	355	0.107	0	2.26	0.011	0.38	0.2	0.02	5.6	0.2	0.025	7	0.25	0.1
1446574	47	0.55	312	0.064	1	1.79	0.009	0.15	0.2	0.01	6.2	0.05	0.025	5	0.25	0.1
1446575	51	0.57	331	0.07	1	1.81	0.009	0.16	0.2	0.02	6.5	0.1	0.025	5	0.25	0.1
1446576	76	0.95	300	0.112	0	2.32	0.026	0.14	0.5	0.01	5.4	0.1	0.025	7	0.25	0.1
1446577	98	1.23	485	0.154	0	2.67	0.067	0.33	0.2	0.03	4.5	0.2	0.025	8	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1446578	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	614141	7033491	-138.7139826	63.41164106		867
1446579	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	614117	7033491	-138.7144628	63.41164874		870
1446580	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	614091	7033494	-138.7149809	63.41168397		876
1446581	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	614066	7033493	-138.7154819	63.411683		871
1446582	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	614041	7033490	-138.7159842	63.41166409		870
1446583	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	614015	7033489	-138.7165052	63.41166344		867
1446584	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	613990	7033488	-138.7170061	63.41166247		865
1446585	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	613965	7033492	-138.7175035	63.41170633		858
1446586	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	613940	7033492	-138.7180037	63.41171432		855
1446587	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	613916	7033490	-138.7184853	63.41170405		842
1446588	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	613891	7033488	-138.718987	63.4116941		839
1446589	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	613842	7033488	-138.7199674	63.41170975		826
1446590	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	613766	7033488	-138.7214881	63.41173401		803
1446591	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	613739	7033490	-138.7220269	63.41176056		795
1446592	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	613714	7033489	-138.7225279	63.41175957		788
1446593	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	613690	7033487	-138.7230095	63.41174928		783
1446594	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	613665	7033488	-138.723509	63.41176622		775
1446595	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	613640	7033484	-138.7240121	63.41173832		766
1446596	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	613614	7033485	-138.7245316	63.41175557		756
1446597	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	613591	7033490	-138.7249883	63.41180774		748
1446598	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	613564	7033495	-138.725525	63.41186118		749
1446599	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	613541	7033491	-138.725988	63.41183263		737
1446600	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	613541	7033491	-138.725988	63.41183263		737
1446601	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614601	7031568	-138.7061567	63.39424886		727
1446602	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614626	7031561	-138.7056618	63.39417806		737
1446603	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614652	7031561	-138.7051419	63.39416971		743
1446604	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614677	7031563	-138.7046406	63.39417961		746
1446605	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614701	7031563	-138.7041606	63.39417189		748
1446606	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614727	7031566	-138.7036386	63.39419044		754
1446607	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614751	7031566	-138.7031587	63.39418272		754
1446608	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614777	7031567	-138.702638	63.39418332		753
1446609	BHC	Jack Taforo JT01	10/23/2016 0:00	07N	614801	7031565	-138.7021596	63.39415767		753
1446610	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	613515	7033488	-138.7265104	63.41181401		732

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1446578	Auger	80	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Silt
1446579	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1446580	Auger	40	C	Subtle Slope	Dark Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1446581	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1446582	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Poor	Silt
1446583	Auger	60	B	Subtle Slope	Dark Brown	Birch Forest	Thin Moss Cover	Dry	Poor	Silt
1446584	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1446585	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1446586	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1446587	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1446588	Auger	70	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Good	Silt
1446589	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1446590	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1446591	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1446592	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1446593	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1446594	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1446595	Auger	60	C	Subtle Slope	Dark Brown	Old Burn	Grass Cover	Dry	Good	Silt
1446596	Auger	90	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Good	Silt
1446597	Auger	70	C	Subtle Slope	Dark Brown	Black Spruce	Grass Cover	Damp	Good	Silt
1446598	Auger	60	C	Subtle Slope	Dark Brown	Black Spruce	Leaf Cover	Damp	Good	Silt
1446599	Auger	90	C	Subtle Slope	Dark Brown	Birch Forest	Sphagnum Moss <	Damp	Good	Silt
1446600	Auger	90	C	Subtle Slope	Dark Brown	Birch Forest	Sphagnum Moss <	Damp	Good	Silt
1446601	Auger	70	C	Subtle Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Silt
1446602	Auger	70	C	Subtle Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Silt
1446603	Auger	60	C	Subtle Slope	Chocolate Brown	Birch Forest	Thin Moss Cover	Dry	Good	Silt
1446604	Auger	30	C	Subtle Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Silt
1446605	Auger	30	C	Pronounced Slope	Chocolate Brown	Birch Forest	Thin Moss Cover	Dry	Good	Silt
1446606	Auger	30	C	Pronounced Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Good	Silt
1446607	Auger	30	B	Pronounced Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Silt
1446608	Auger	70	C	Pronounced Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Good	Silt
1446609	Auger	40	C	Subtle Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Silt
1446610	Auger	90	C	Subtle Slope	Dark Brown	Birch Forest	Sphagnum Moss <	Damp	Good	Silt

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1446578	Coarse	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.05	16.8
1446579	Coarse	Sandy		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.4	33.5
1446580	Organic 10%	Rocky Terrain		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1.1	21
1446581	Partially Frozen	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.5	17.1
1446582	Frozen	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.8	38.4
1446583	Frozen	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.5	21.8
1446584	Fine	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.6	27.5
1446585	Coarse	Partially Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	22.6
1446586	Fine	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	24.7
1446587	Coarse	Partially Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	25.6
1446588	Coarse	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	24.6
1446589	Partially Frozen	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.6	24.8
1446590	Partially Frozen	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.3	23.6
1446591	Coarse	Rusty Rock Chip		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.6	30.2
1446592	Organic 10%	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.5	18.5
1446593	Coarse	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.4	25.2
1446594	Coarse	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.7	21.1
1446595	Frozen	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.7	31.6
1446596	Fine	Partially Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	27.3
1446597	Organic 10%	Partially Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	31.7
1446598	Fine	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	25.6
1446599	Fine	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.4	29.1
1446600	Fine	Organic 10%	Dupe of 1446599	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	30.6
1446601	Fine	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.8	21.4
1446602	Fine	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.8	25.8
1446603	Fine	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.1	39.6
1446604	Fine	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.7	16.9
1446605	Rocky Sample	Fine		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.7	12.6
1446606	Fine	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.6	12.8
1446607	Fine	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.8	24.9
1446608	Fine	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.7	28.2
1446609	Fine	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1	12.2
1446610	Fine	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	39.5

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1446578	6.6	26	0.05	8.8	11.4	244	1.63	2	0.3	1.7	2.4	164	0.05	0.1	0.05	53	1.76	0.021	7
1446579	7.2	40	0.05	26.5	19.4	164	2.61	5.1	0.4	2	3.1	91	0.05	0.2	0.05	59	0.65	0.075	7
1446580	9.6	46	0.2	32.4	27.5	1469	2.41	5.2	0.3	0.25	2.6	53	0.1	0.4	0.1	51	0.44	0.071	7
1446581	7.8	37	0.05	19.3	9.8	202	2.23	7.9	0.6	1.6	2.9	33	0.05	0.4	0.05	48	0.29	0.021	13
1446582	7.1	36	0.05	78.9	19.2	194	2.68	7.8	0.3	0.25	1.8	43	0.1	0.4	0.05	59	0.28	0.045	8
1446583	7.6	36	0.1	22.1	12.1	235	2.25	4.5	0.5	0.9	2.3	55	0.1	0.3	0.05	56	0.52	0.055	9
1446584	7.7	43	0.05	30.2	13.1	184	2.3	7.3	0.8	2.3	3.6	39	0.05	0.4	0.1	54	0.35	0.029	14
1446585	8.7	45	0.05	26.4	11.7	276	2.62	8.8	0.6	1.7	3.6	36	0.05	0.5	0.1	59	0.35	0.026	13
1446586	8.1	43	0.05	20.4	9.8	271	2.49	9.4	0.9	2.1	5	39	0.05	0.7	0.1	51	0.4	0.028	17
1446587	6.3	35	0.05	25.3	14.3	169	2.32	5.4	0.4	0.25	2.5	44	0.05	0.3	0.05	67	0.37	0.024	7
1446588	7.2	42	0.05	26.9	11.8	220	2.4	6.3	0.7	5.3	3.9	49	0.05	0.4	0.1	58	0.48	0.032	14
1446589	5.9	32	0.05	26.3	12.5	226	2.09	4.1	0.5	0.8	2.6	44	0.05	0.3	0.05	50	0.5	0.037	10
1446590	6.3	40	0.05	26.5	12.4	231	2.56	4	0.5	0.25	3	58	0.05	0.3	0.05	62	0.68	0.085	9
1446591	7.8	42	0.05	38.6	13.6	199	2.52	6.5	0.7	1.4	3.2	62	0.05	0.5	0.05	60	0.6	0.066	15
1446592	6.5	36	0.05	44.6	11.6	203	2.25	6	0.4	0.6	1.8	44	0.05	0.4	0.05	52	0.46	0.045	8
1446593	5	34	0.05	22.5	11.3	216	2.18	4.2	0.4	0.25	2.2	57	0.05	0.3	0.05	55	0.67	0.11	8
1446594	8	39	0.05	22.5	10	212	2.4	7.3	0.6	1	2.8	45	0.05	0.5	0.05	57	0.49	0.05	11
1446595	8.5	41	0.1	27.6	12.2	313	2.26	6.2	0.9	5.8	3.3	53	0.05	0.5	0.1	49	0.54	0.052	13
1446596	7.4	38	0.05	26.3	10	232	2.37	6.4	0.7	3.6	3.1	48	0.05	0.5	0.1	54	0.49	0.045	11
1446597	7.4	42	0.05	34.6	11.8	349	2.32	6.4	0.8	2.4	3.3	62	0.05	0.4	0.1	53	0.67	0.066	13
1446598	6.8	43	0.05	29.2	10.5	232	2.25	6.7	0.7	2.1	3.4	59	0.05	0.5	0.1	48	0.59	0.059	12
1446599	7	39	0.05	26.8	9.8	261	2.15	5.8	1.3	4.9	3.4	53	0.05	0.5	0.1	46	0.59	0.056	14
1446600	9.9	43	0.05	29	10.7	260	2.2	6.3	1.3	1.5	3.6	58	0.05	0.5	0.1	47	0.59	0.055	13
1446601	9.2	53	0.1	25.5	11.5	416	3	14.4	0.8	5.4	7.4	26	0.05	0.5	0.1	51	0.37	0.066	17
1446602	10.6	59	0.05	27.6	12.4	341	3.12	13.1	1	2.9	7.8	22	0.05	0.7	0.2	55	0.28	0.046	24
1446603	9.9	54	0.05	36	12.1	291	3.16	13.5	0.9	5.3	10.4	21	0.05	0.7	0.2	61	0.31	0.021	29
1446604	8.6	64	0.05	24.6	12.4	395	3.08	15.4	0.7	0.9	8.6	25	0.05	0.3	0.1	53	0.3	0.032	15
1446605	9.2	68	0.1	21	11.8	361	3.32	10.6	0.8	0.25	10	22	0.05	0.3	0.05	62	0.29	0.023	21
1446606	7.6	59	0.1	21.8	13.5	466	3.24	6.3	0.6	3.6	7.7	29	0.05	0.2	0.1	58	0.3	0.048	13
1446607	7.8	138	0.2	42.5	19.7	656	4.37	12.8	0.9	6.7	10.2	46	0.1	0.2	0.05	62	0.46	0.069	21
1446608	10	61	0.2	33.5	13.9	406	3.59	17.3	0.8	10	12.4	23	0.05	0.4	0.1	58	0.29	0.038	29
1446609	8.4	35	0.05	21.4	9.4	167	2.18	11.8	0.4	2.7	3.6	19	0.05	0.3	0.1	52	0.24	0.02	11
1446610	7.8	43	0.1	28.7	11.3	467	2.12	6.1	2	4.4	3.2	71	0.1	0.6	0.1	45	0.69	0.058	17

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1446578	17	0.94	554	0.058	0	4.82	0.29	0.08	0.05	0.02	3.9	0.05	0.025	8	0.25	0.1
1446579	41	0.99	459	0.121	0	5.85	0.044	0.16	0.2	0.02	3.6	0.1	0.025	11	0.25	0.1
1446580	38	0.6	528	0.071	2	3.87	0.023	0.1	0.5	0.02	2.8	0.1	0.025	8	0.25	0.1
1446581	36	0.61	236	0.053	0	2.03	0.011	0.03	0.2	0.03	4.1	0.05	0.025	5	0.25	0.1
1446582	112	0.91	247	0.102	0	2.75	0.019	0.05	0.1	0.02	2.3	0.1	0.025	7	0.25	0.1
1446583	38	0.83	325	0.124	0	2.58	0.027	0.07	0.2	0.02	2.7	0.05	0.025	7	0.25	0.1
1446584	64	0.67	320	0.075	0	1.92	0.019	0.06	0.2	0.01	2.9	0.1	0.025	5	0.25	0.1
1446585	35	0.62	346	0.058	1	3.11	0.02	0.05	0.1	0.03	3.8	0.05	0.025	6	0.25	0.1
1446586	30	0.57	341	0.064	0	1.77	0.024	0.05	0.2	0.03	5.3	0.05	0.025	4	0.25	0.1
1446587	54	0.87	247	0.103	0	2.82	0.022	0.04	0.6	0.01	2.7	0.05	0.025	6	0.25	0.1
1446588	44	0.8	365	0.1	0	2.67	0.026	0.1	0.2	0.01	4.5	0.05	0.025	6	0.25	0.1
1446589	65	0.82	306	0.126	0	2.49	0.027	0.05	0.4	0.02	2.6	0.05	0.025	6	0.25	0.1
1446590	61	1.01	295	0.094	0	2.52	0.031	0.08	0.2	0.01	3.2	0.05	0.025	6	0.25	0.1
1446591	77	0.87	429	0.101	0	2.56	0.04	0.05	0.3	0.02	4.1	0.05	0.025	6	0.25	0.1
1446592	92	0.87	329	0.084	0	2.29	0.021	0.06	0.3	0.03	2.7	0.05	0.025	6	0.25	0.1
1446593	45	0.76	293	0.093	0	2.17	0.04	0.04	0.5	0.005	2.9	0.05	0.025	6	0.25	0.1
1446594	39	0.61	339	0.072	0	2.18	0.031	0.06	0.4	0.02	3.3	0.05	0.025	5	0.25	0.1
1446595	38	0.56	381	0.072	0	1.91	0.026	0.06	0.3	0.03	3.8	0.05	0.025	5	0.25	0.1
1446596	36	0.64	331	0.07	0	2.12	0.03	0.07	0.3	0.02	3.6	0.05	0.025	5	0.25	0.1
1446597	50	0.74	387	0.083	0	2.07	0.032	0.09	0.3	0.03	4	0.05	0.025	6	0.25	0.1
1446598	49	0.74	337	0.068	1	1.99	0.04	0.06	0.3	0.02	3.6	0.05	0.025	5	0.25	0.1
1446599	41	0.62	349	0.058	0	2	0.035	0.05	0.2	0.03	3.8	0.05	0.025	4	0.25	0.1
1446600	46	0.65	383	0.061	1	2.09	0.037	0.05	0.2	0.02	4.1	0.05	0.025	5	0.6	0.1
1446601	40	0.66	271	0.105	0	1.69	0.011	0.38	0.2	0.02	5	0.2	0.025	6	0.25	0.1
1446602	44	0.66	225	0.107	1	1.79	0.01	0.26	0.2	0.02	5.9	0.2	0.025	5	0.25	0.1
1446603	53	0.68	196	0.096	1	1.95	0.011	0.22	0.1	0.02	7	0.2	0.025	6	0.25	0.1
1446604	43	0.65	183	0.081	0	1.96	0.01	0.3	0.1	0.01	4.3	0.3	0.025	8	0.25	0.1
1446605	54	0.87	179	0.137	0	2.28	0.009	0.71	0.1	0.01	5.9	0.5	0.025	8	0.25	0.1
1446606	50	0.71	279	0.147	0	2.16	0.011	0.42	0.2	0.005	5.3	0.3	0.025	8	0.25	0.1
1446607	61	0.99	303	0.163	1	2.57	0.009	0.54	0.2	0.02	7.3	0.4	0.025	10	0.25	0.1
1446608	51	0.8	295	0.147	0	2.32	0.013	0.63	0.2	0.02	6.3	0.3	0.025	7	0.25	0.1
1446609	43	0.51	303	0.07	0	1.4	0.009	0.15	0.1	0.01	2.8	0.05	0.025	4	0.25	0.1
1446610	38	0.57	447	0.052	0	1.9	0.03	0.05	0.3	0.04	4.4	0.05	0.025	4	0.25	0.1



sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1446611	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	613490	7033491	-138.7270085	63.41184887		726
1446612	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	613464	7033492	-138.727528	63.41186611		715
1446613	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	613439	7033492	-138.7280283	63.41187407		709
1446614	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	613415	7033490	-138.7285099	63.41186377		702
1446615	BHC	Jack Taforo JT01	10/25/2016 0:00	07N	613392	7033487	-138.7289723	63.41184418		702
1447632	BHC	Braeden Paun-Bur	10/14/2016 0:00	07N	612449	7038429	-138.7443574	63.45646164		914
1447632	BHC	Braeden Paun-Bur	10/14/2016 0:00	07N	612449	7038429	-138.7443574	63.45646164		914
1447633	BHC	Braeden Paun-Bur	10/14/2016 0:00	07N	612422	7038430	-138.7448977	63.45647914		895
1447634	BHC	Braeden Paun-Bur	10/14/2016 0:00	07N	612393	7038430	-138.7454789	63.4564883		934
1447635	BHC	Braeden Paun-Bur	10/14/2016 0:00	07N	612369	7038431	-138.7459592	63.45650485		915
1447636	BHC	Braeden Paun-Bur	10/14/2016 0:00	07N	612344	7038429	-138.7464616	63.45649481		922
1447637	BHC	Braeden Paun-Bur	10/14/2016 0:00	07N	612318	7038429	-138.7469827	63.45650301		947
1447638	BHC	Braeden Paun-Bur	10/14/2016 0:00	07N	612293	7038429	-138.7474837	63.4565109		923
1447639	BHC	Braeden Paun-Bur	10/14/2016 0:00	07N	612269	7038430	-138.747964	63.45652744		953
1447640	BHC	Braeden Paun-Bur	10/14/2016 0:00	07N	612242	7038428	-138.7485065	63.45651803		970
1447641	BHC	Braeden Paun-Bur	10/14/2016 0:00	07N	612218	7038428	-138.7489875	63.4565256		967
1447642	BHC	Braeden Paun-Bur	10/14/2016 0:00	07N	612194	7038428	-138.7494684	63.45653316		989
1447643	BHC	Braeden Paun-Bur	10/14/2016 0:00	07N	612168	7038429	-138.7499888	63.45655033		982
1447644	BHC	Braeden Paun-Bur	10/14/2016 0:00	07N	612143	7038428	-138.7504905	63.45654924		1005
1447645	BHC	Braeden Paun-Bur	10/14/2016 0:00	07N	612117	7038428	-138.7510116	63.45655743		1001
1447646	BHC	Braeden Paun-Bur	10/14/2016 0:00	07N	612092	7038427	-138.7515133	63.45655634		1013
1447647	BHC	Braeden Paun-Bur	10/14/2016 0:00	07N	612068	7038429	-138.7519929	63.45658183		1016
1455876	BHC	Yoann Voyer YV01	10/18/2016 0:00	07N	618545	7037904	-138.62259	63.44977555		1077
1455877	BHC	Yoann Voyer YV01	10/23/2016 0:00	07N	613997	7031462	-138.7183103	63.39349177		740
1455878	BHC	Yoann Voyer YV01	10/23/2016 0:00	07N	614023	7031462	-138.7177904	63.39348346		772
1455879	BHC	Yoann Voyer YV01	10/23/2016 0:00	07N	614099	7031461	-138.7162714	63.3934502		749
1455880	BHC	Yoann Voyer YV01	10/23/2016 0:00	07N	614125	7031463	-138.7157501	63.39345982		750
1455881	BHC	Yoann Voyer YV01	10/23/2016 0:00	07N	614148	7031462	-138.7152909	63.3934435		750
1455882	BHC	Yoann Voyer YV01	10/23/2016 0:00	07N	614174	7031462	-138.714771	63.39343518		749
1455883	BHC	Yoann Voyer YV01	10/23/2016 0:00	07N	614200	7031462	-138.7142511	63.39342686		746
1455884	BHC	Yoann Voyer YV01	10/23/2016 0:00	07N	614226	7031462	-138.7137312	63.39341854		740
1455885	BHC	Yoann Voyer YV01	10/23/2016 0:00	07N	614250	7031463	-138.7132506	63.39341982		735
1455886	BHC	Yoann Voyer YV01	10/23/2016 0:00	07N	614274	7031463	-138.7127706	63.39341214		730

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1446611	Auger	50	B	Subtle Slope	Dark Brown	Birch Forest	Thin Moss Cover	Dry	Good	Silt
1446612	Auger	40	B	Subtle Slope	Dark Brown	Old Burn	Grass Cover	Dry	Good	Silt
1446613	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1446614	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1446615	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1447632	Auger	30	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Sand
1447632	Auger	30	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Sand
1447633	Auger	30	C	Pronounced Slope	Chocolate Brown	Willows	Thin Moss Cover	Dry	Excellent	Sand
1447634	Auger	30	C	Pronounced Slope	Chocolate Brown	Willows	Thin Moss Cover	Dry	Excellent	Sand
1447635	Auger	60	C	Pronounced Slope	Chocolate Brown	Willows	Thin Moss Cover	Dry	Excellent	Sand
1447636	Auger	50	C	Pronounced Slope	Chocolate Brown	Willows	Thin Moss Cover	Dry	Excellent	Sand
1447637	Auger	30	C	Pronounced Slope	Chocolate Brown	Willows	Thin Moss Cover	Dry	Excellent	Sand
1447638	Auger	40	C	Subtle Slope	Chocolate Brown	Willows	Thin Moss Cover	Dry	Excellent	Sand
1447639	Auger	50	C	Pronounced Slope	Chocolate Brown	Willows	Thin Moss Cover	Dry	Excellent	Sand
1447640	Auger	40	C	Pronounced Slope	Chocolate Brown	Willows	Thin Moss Cover	Dry	Excellent	Sand
1447641	Auger	30	C	Subtle Slope	Chocolate Brown	Willows	Thin Moss Cover	Dry	Excellent	Sand
1447642	Auger	30	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Sand
1447643	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Sand
1447644	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Sand
1447645	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Sand
1447646	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Sand
1447647	Auger	20	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Sand
1455876	Auger	60	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Sphagnum Moss <	Dry	Good	Silt
1455877	Auger	30	B	Pronounced Slope	Light Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1455878	Auger	60	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Silt
1455879	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Silt
1455880	Auger	40	B	Subtle Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Dry	Good	Silt
1455881	Auger	40	B	Subtle Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Dry	Good	Silt
1455882	Auger	50	B	Subtle Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Silt
1455883	Auger	30	B	Pronounced Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Dry	Good	Silt
1455884	Auger	40	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1455885	Auger	40	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1455886	Auger	40	B	Pronounced Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Silt

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1446611	Organic 10%	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	36.2
1446612	Coarse	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	33.9
1446613	Coarse	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.9	26
1446614	Coarse	Partially Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	17.4
1446615	Coarse	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	16.1
1447632				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	20.2
1447632				REP	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	20.4
1447633	Quartz Chips			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	20.9
1447634				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.3	19.8
1447635	Rusty Rock Chip			SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.2	31.4
1447636				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	24.8
1447637				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.2	24.3
1447638				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.2	25.1
1447639				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.7	31.1
1447640				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	35.4
1447641				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	37.7
1447642				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.6	39.2
1447643				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.4	27.1
1447644				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.2	25.6
1447645				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	0.5	29.3
1447646				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	1	19.3
1447647				SOIL	BHC2016-10-26	WHITE GOLD COI	WHI16000403	11/17/2016 0:00	10/27/2016 0:00	1	16.9
1455876	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1	15.1
1455877	Rocky Terrain			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.8	41.8
1455878				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1	34.1
1455879				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.1	18.4
1455880				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	2.7	27.7
1455881				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.3	17.1
1455882	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	2.3	46.3
1455883	Rocky Terrain			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.8	7.6
1455884				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.7	27.6
1455885				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.3	15.2
1455886				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.7	40.8

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1446611	7	42	0.1	25	10.8	294	2.21	6.7	1.5	2.6	3.7	46	0.05	0.4	0.1	47	0.46	0.064	15
1446612	7.4	41	0.2	26.1	11.2	458	2.09	5.9	1.4	7.5	3	62	0.3	0.4	0.2	44	0.59	0.063	16
1446613	7.9	43	0.2	22.2	12.4	612	2.08	4.9	1	0.5	1.6	49	0.3	0.3	0.2	47	0.48	0.043	17
1446614	6	37	0.05	15.8	10.2	327	2.04	5.7	0.8	2.2	3.4	48	0.05	0.4	0.05	49	0.45	0.047	12
1446615	6.5	41	0.05	15.9	8.3	306	2.07	6.1	0.7	2.8	2.3	53	0.05	0.4	0.1	51	0.47	0.045	13
1447632	4.7	33	0.05	31	14.3	350	2.51	4.4	1.1	0.25	10.9	26	0.05	0.2	0.05	52	0.33	0.061	41
1447632	4.6	35	0.05	31.6	14.4	355	2.58	4.7	1.1	0.7	11	26	0.05	0.2	0.05	53	0.33	0.059	43
1447633	8.5	36	0.05	20.9	10.4	184	2.15	7.8	0.5	0.7	5.8	56	0.05	0.5	0.1	40	0.34	0.011	12
1447634	7.2	35	0.05	20.8	9.6	280	2.28	6.7	1.1	1	4.4	84	0.05	0.3	0.05	48	0.68	0.045	15
1447635	7.5	41	0.05	42.4	12.7	238	2.4	6	0.7	1.4	3.4	70	0.05	0.3	0.05	57	1.08	0.092	12
1447636	6.1	36	0.05	35.6	10.3	196	2.01	4.9	0.5	13.8	2.9	72	0.05	0.3	0.05	46	0.62	0.051	11
1447637	5.5	37	0.05	37.1	14.5	221	2.29	3.5	0.5	0.7	3.2	156	0.05	0.2	0.05	60	1.04	0.159	11
1447638	5.8	31	0.05	26.9	9.1	185	1.82	4.4	0.7	34.1	3.3	156	0.05	0.3	0.1	46	0.97	0.125	11
1447639	7.8	37	0.1	30.2	13.4	353	2.3	6.2	0.7	30.5	2.6	69	0.05	0.4	0.2	54	0.61	0.066	9
1447640	6.9	42	0.05	40.6	13.1	296	2.56	5.2	1	27.1	3.6	107	0.05	0.4	0.2	57	1	0.098	12
1447641	5.9	34	0.05	42.2	15.7	206	2.17	5.7	0.4	4.8	2.7	89	0.05	0.3	0.05	48	0.61	0.045	8
1447642	7.3	34	0.05	54.4	19.7	180	2.45	8.3	0.3	3.2	1.7	64	0.05	0.4	0.1	52	0.35	0.032	5
1447643	4.9	22	0.05	25.9	12.1	117	1.6	4.2	0.2	32.2	1.3	100	0.05	0.3	0.2	41	0.64	0.052	5
1447644	5.6	37	0.05	22.9	16.6	203	2.72	9.3	0.3	51.5	1.3	138	0.05	0.2	0.1	92	1.13	0.262	6
1447645	6.3	38	0.05	52.1	16.6	171	2.37	7.4	0.3	4.9	2	38	0.05	0.3	0.1	51	0.3	0.054	7
1447646	9.8	51	0.05	24.3	11.4	294	2.56	14.1	0.4	8.2	2.8	44	0.05	0.6	0.2	58	0.37	0.042	9
1447647	10.7	51	0.05	26	15.3	214	2.98	15.7	0.4	20.1	2	34	0.2	0.6	0.4	66	0.26	0.184	9
1455876	10	46	0.05	15.2	6.5	274	2.21	6.3	2	1.6	7.7	12	0.05	0.7	0.2	42	0.13	0.031	26
1455877	10.7	57	0.05	32.3	12.9	253	2.97	18.1	0.7	3	3.7	14	0.3	1.3	0.2	61	0.12	0.038	12
1455878	10.9	50	0.05	24.5	8.4	210	2.7	12.2	1.5	4.1	4.8	19	0.05	0.9	0.2	54	0.15	0.015	22
1455879	9.3	43	0.2	18	7.8	168	2.23	10.7	0.3	0.7	0.5	22	0.4	0.6	0.2	50	0.24	0.049	9
1455880	9.5	89	0.4	34.9	13.4	308	3.83	17.2	1	1.1	2.6	21	0.3	1.2	0.2	71	0.27	0.052	12
1455881	7.8	100	0.2	60	19.6	375	3.09	7.7	0.5	1	3	19	0.5	0.7	0.1	62	0.29	0.075	15
1455882	13.1	69	0.1	34.8	12.2	415	2.99	38.9	0.7	2.9	8.2	17	0.2	2.9	0.3	48	0.18	0.024	21
1455883	7	37	0.2	13.9	9.9	772	1.82	11.4	0.2	0.7	2.1	25	0.4	1.7	0.2	38	0.33	0.048	9
1455884	9.5	52	0.2	28.1	9	192	2.79	63.7	0.6	6.3	3.2	20	0.2	3.3	0.2	58	0.19	0.025	11
1455885	8.6	43	0.2	20.7	9.1	268	2.37	18.3	0.5	1.4	3.2	17	0.2	1.7	0.1	53	0.19	0.027	11
1455886	12.7	80	0.5	44.1	12.7	769	3.54	28	1	4.1	5.1	24	0.3	1.9	0.2	71	0.29	0.04	21

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1446611	40	0.6	320	0.049	0	1.81	0.022	0.05	0.2	0.04	4.2	0.05	0.025	4	0.25	0.1
1446612	40	0.56	356	0.049	0	1.85	0.021	0.06	0.2	0.03	3.9	0.05	0.025	4	0.25	0.1
1446613	37	0.53	352	0.062	0	1.79	0.014	0.08	0.1	0.02	3.3	0.05	0.025	5	0.25	0.1
1446614	35	0.6	251	0.07	0	1.84	0.024	0.04	0.2	0.03	3.5	0.05	0.025	4	0.25	0.1
1446615	33	0.6	271	0.067	0	1.97	0.023	0.05	0.2	0.02	3	0.05	0.025	5	0.25	0.1
1447632	80	1.06	227	0.163	0	1.91	0.01	0.57	0.2	0.005	8	0.4	0.025	8	0.25	0.1
1447632	83	1.09	244	0.172	0	1.95	0.01	0.6	0.2	0.005	8.1	0.4	0.025	9	0.25	0.1
1447633	39	0.59	184	0.05	0	2.12	0.025	0.07	0.1	0.005	3.4	0.1	0.025	5	0.25	0.1
1447634	50	0.82	365	0.075	0	2.08	0.038	0.05	0.1	0.01	4.8	0.1	0.025	5	0.25	0.1
1447635	90	1.19	422	0.115	0	2.63	0.08	0.18	0.05	0.01	5	0.1	0.025	7	0.25	0.1
1447636	59	0.78	338	0.08	0	1.97	0.04	0.04	0.05	0.01	3.1	0.05	0.025	5	0.25	0.1
1447637	68	1.14	506	0.124	0	2.68	0.068	0.28	0.05	0.005	3.6	0.2	0.025	7	0.25	0.1
1447638	43	0.78	350	0.059	0	2.37	0.07	0.1	0.05	0.01	3.7	0.05	0.025	5	0.25	0.1
1447639	53	0.71	342	0.053	0	2.96	0.029	0.04	0.1	0.03	3.8	0.05	0.025	8	0.25	0.1
1447640	80	1.14	310	0.091	0	2.71	0.067	0.08	0.05	0.03	5.5	0.05	0.025	8	0.25	0.1
1447641	65	0.77	328	0.063	0	2.72	0.05	0.04	0.05	0.01	3.3	0.05	0.025	6	0.25	0.1
1447642	65	0.75	378	0.047	0	3.43	0.029	0.05	0.05	0.02	2.6	0.05	0.025	7	0.25	0.1
1447643	35	0.57	211	0.034	0	2.29	0.042	0.04	0.05	0.01	2.5	0.05	0.025	5	0.25	0.1
1447644	35	1.2	246	0.021	0	3.79	0.037	0.05	0.05	0.005	4.9	0.05	0.025	8	0.25	0.1
1447645	135	1.13	235	0.073	0	2.54	0.013	0.03	0.05	0.01	2.9	0.05	0.025	7	0.25	0.1
1447646	30	0.52	277	0.04	1	2.27	0.012	0.07	0.2	0.02	3.1	0.05	0.025	6	0.25	0.1
1447647	29	0.46	340	0.039	1	2.6	0.011	0.07	0.3	0.03	3	0.1	0.025	7	0.25	0.1
1455876	27	0.47	184	0.069	0	1.32	0.007	0.1	0.2	0.05	3.9	0.2	0.025	5	0.6	0.1
1455877	35	0.48	190	0.064	0	2.08	0.007	0.2	0.2	0.07	4.1	0.1	0.025	5	0.25	0.1
1455878	36	0.47	363	0.056	0	1.87	0.008	0.05	0.1	0.07	8.2	0.05	0.025	5	0.25	0.1
1455879	26	0.32	330	0.035	0	1.43	0.008	0.06	0.2	0.03	1.9	0.1	0.025	5	0.25	0.1
1455880	53	0.38	496	0.042	0	1.91	0.007	0.04	0.1	0.04	4.3	0.3	0.025	7	0.25	0.1
1455881	38	0.64	464	0.095	0	1.69	0.008	0.24	0.1	0.01	3	0.2	0.025	6	0.25	0.1
1455882	44	0.68	231	0.128	0	1.77	0.007	0.52	0.1	0.08	5.5	0.5	0.05	7	0.25	0.1
1455883	18	0.25	438	0.035	0	0.95	0.008	0.12	0.1	0.03	1.8	0.05	0.025	4	0.25	0.1
1455884	41	0.46	320	0.046	0	1.7	0.007	0.13	0.1	0.17	3.9	0.1	0.025	5	0.25	0.1
1455885	30	0.4	403	0.054	0	1.31	0.009	0.09	0.1	0.08	3.1	0.05	0.025	4	0.25	0.1
1455886	51	0.62	540	0.085	0	1.9	0.008	0.42	0.2	0.33	6.9	0.3	0.025	7	0.6	0.1

sample_id	sample_project_id	sample_tech	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1455887	BHC	Yoann Voyer YV01	10/23/2016 0:00	07N	614300	7031462	-138.7122515	63.39339484		725
1455888	BHC	Yoann Voyer YV01	10/23/2016 0:00	07N	614324	7031462	-138.7117716	63.39338715		719
1455889	BHC	Yoann Voyer YV01	10/23/2016 0:00	07N	614352	7031462	-138.7112117	63.39337818		718
1455890	BHC	Yoann Voyer YV01	10/23/2016 0:00	07N	614376	7031463	-138.710731	63.39337946		718
1455891	BHC	Yoann Voyer YV01	10/23/2016 0:00	07N	614400	7031462	-138.7102518	63.39336279		720
1455892	BHC	Yoann Voyer YV01	10/23/2016 0:00	07N	614426	7031461	-138.7097327	63.39334549		761
1455893	BHC	Yoann Voyer YV01	10/23/2016 0:00	07N	614450	7031463	-138.7092513	63.39335573		718
1455894	BHC	Yoann Voyer YV01	10/23/2016 0:00	07N	614476	7031462	-138.7087321	63.39333842		711
1455895	BHC	Yoann Voyer YV01	10/23/2016 0:00	07N	614501	7031463	-138.7082315	63.39333937		704
1455896	BHC	Yoann Voyer YV01	10/23/2016 0:00	07N	614525	7031463	-138.7077516	63.39333167		706
1455897	BHC	Yoann Voyer YV01	10/23/2016 0:00	07N	614550	7031461	-138.7072532	63.39330571		697
1455898	BHC	Yoann Voyer YV01	10/23/2016 0:00	07N	614575	7031462	-138.7067525	63.39330665		703
1455899	BHC	Yoann Voyer YV01	10/23/2016 0:00	07N	614602	7031464	-138.7062112	63.39331591		711
1455900	BHC	Yoann Voyer YV01	10/23/2016 0:00	07N	614602	7031464	-138.7062112	63.39331591	1455899	712
1456101	BHC	Yoann Voyer YV01	10/18/2016 0:00	07N	617942	7037905	-138.63467	63.44998482		1123
1456102	BHC	Yoann Voyer YV01	10/18/2016 0:00	07N	617968	7037905	-138.6341491	63.4499762		1129
1456102	BHC	Yoann Voyer YV01	10/18/2016 0:00	07N	617968	7037905	-138.6341491	63.4499762		1129
1456103	BHC	Yoann Voyer YV01	10/18/2016 0:00	07N	617994	7037905	-138.6336282	63.44996758		1134
1456104	BHC	Yoann Voyer YV01	10/18/2016 0:00	07N	618019	7037905	-138.6331273	63.4499593		1135
1456105	BHC	Yoann Voyer YV01	10/18/2016 0:00	07N	618045	7037905	-138.6326064	63.44995068		1139
1456106	BHC	Yoann Voyer YV01	10/18/2016 0:00	07N	618069	7037905	-138.6321256	63.44994272		1143
1456107	BHC	Yoann Voyer YV01	10/18/2016 0:00	07N	618095	7037906	-138.631604	63.44994306		1145
1456108	BHC	Yoann Voyer YV01	10/18/2016 0:00	07N	618120	7037905	-138.6311038	63.4499258		1147
1456109	BHC	Yoann Voyer YV01	10/18/2016 0:00	07N	618144	7037905	-138.630623	63.44991783		1148
1456110	BHC	Yoann Voyer YV01	10/18/2016 0:00	07N	618195	7037905	-138.6296013	63.4499009		1150
1456111	BHC	Yoann Voyer YV01	10/18/2016 0:00	07N	618220	7037906	-138.6290997	63.44990156		1144
1456112	BHC	Yoann Voyer YV01	10/18/2016 0:00	07N	618244	7037906	-138.6286188	63.44989359		1142
1456113	BHC	Yoann Voyer YV01	10/18/2016 0:00	07N	618270	7037905	-138.6280987	63.44987599		1133
1456114	BHC	Yoann Voyer YV01	10/18/2016 0:00	07N	618296	7037905	-138.6275778	63.44986735		1131
1456115	BHC	Yoann Voyer YV01	10/18/2016 0:00	07N	618319	7037905	-138.627117	63.4498597		1128
1456116	BHC	Yoann Voyer YV01	10/18/2016 0:00	07N	618344	7037905	-138.6266161	63.44985139		1127
1456117	BHC	Yoann Voyer YV01	10/18/2016 0:00	07N	618370	7037905	-138.6260952	63.44984275		1120
1456118	BHC	Yoann Voyer YV01	10/18/2016 0:00	07N	618395	7037905	-138.6255944	63.44983443		1114

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1455887	Auger	40	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1455888	Auger	50	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1455889	Auger	40	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1455890	Auger	40	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1455891	Auger	60	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1455892	Auger	40	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1455893	Auger	40	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1455894	Auger	40	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1455895	Auger	40	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1455896	Auger	40	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1455897	Auger	40	B	Pronounced Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Silt
1455898	Auger	50	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1455899	Auger	50	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1455900	Auger	50	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1456101	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1456102	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Silt
1456102	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Silt
1456103	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Reindeer Moss	Dry	Good	Silt
1456104	Auger	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Silt
1456105	Auger	50	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Damp	Good	Silt
1456106	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Damp	Good	Silt
1456107	Auger	50	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1456108	Auger	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Damp	Good	Silt
1456109	Auger	50	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Damp	Good	Silt
1456110	Auger	40	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1456111	Auger	40	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1456112	Auger	50	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1456113	Auger	60	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1456114	Auger	50	B	Subtle Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1456115	Auger	40	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt
1456116	Auger	60	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Grass Cover	Damp	Good	Silt
1456117	Auger	40	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Silt
1456118	Auger	40	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Dry	Good	Silt

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1455887				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.3	21.7
1455888	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	3.1	75.4
1455889				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.2	57.2
1455890				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1	26.8
1455891	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	49.2
1455892	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1	24.7
1455893				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	19.4
1455894				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.1	25.7
1455895				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.8	16.7
1455896	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.9	17.2
1455897				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.7	19.3
1455898	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.8	20.9
1455899	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.1	48.9
1455900	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1	31.6
1456101	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.8	14.8
1456102	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.1	17.2
1456102	Sandy			REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.3	16.4
1456103	Rocky Terrain			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.2	17.7
1456104	Rocky Terrain			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.7	11
1456105	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.2	9.3
1456106	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.8	18.5
1456107	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.2	8.3
1456108	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1	13.5
1456109	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.8	9.2
1456110	Rocky Terrain			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.3	11.8
1456111	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	2.5	14.4
1456112	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.6	19.8
1456113	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.5	19.8
1456114	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.6	18.5
1456115	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.8	14.8
1456116	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.3	19.5
1456117	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.5	15.4
1456118	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.4	16.7



sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1455887	9.9	48	0.2	22.5	9.5	283	2.67	19.9	0.9	13	4.1	21	0.3	1.2	0.2	53	0.29	0.03	13
1455888	21.7	103	0.5	32.7	9.5	421	2.6	47.1	2.1	3.5	4.6	17	1.1	1.2	0.2	69	0.2	0.064	22
1455889	6.1	64	0.3	66.8	21.3	426	4.1	24.4	0.5	1.3	3.7	40	0.1	0.7	0.05	94	0.51	0.051	12
1455890	9.3	54	0.1	29.1	11.2	327	2.75	15.3	0.7	2.7	4.5	23	0.2	0.7	0.2	58	0.33	0.057	13
1455891	6.2	43	0.05	35.4	12.7	230	2.65	14.4	0.4	3.4	3.8	20	0.05	0.6	0.05	56	0.38	0.06	15
1455892	7.8	81	0.1	31.2	14.2	390	2.8	10.2	0.5	3	3.2	21	0.2	0.4	0.1	103	0.33	0.054	11
1455893	7.8	40	0.1	27.2	15.1	411	2.81	7.9	0.4	0.9	4.9	42	0.05	0.3	0.05	64	0.42	0.039	8
1455894	8.9	48	0.1	32.4	12.4	347	3.06	25.2	0.6	1.3	6.1	18	0.05	0.4	0.1	64	0.28	0.029	13
1455895	8.2	52	0.05	23.3	11.4	337	3.41	12.9	0.7	1.2	7.5	18	0.05	0.4	0.05	60	0.28	0.031	13
1455896	8.9	59	0.05	31.1	13.7	345	3.86	23.1	0.7	1.7	7.9	20	0.05	0.4	0.05	71	0.26	0.043	11
1455897	8.6	49	0.05	22.3	9.8	345	2.53	11.5	0.6	3.2	5.2	24	0.05	0.6	0.1	48	0.34	0.055	15
1455898	11	54	0.05	25.7	10.7	359	2.72	13.8	0.5	3.1	5.3	28	0.1	0.7	0.2	50	0.37	0.027	16
1455899	11.3	58	0.05	38.1	11.5	278	3.2	20.9	1	6.8	9.1	22	0.05	1	0.1	59	0.31	0.02	30
1455900	10.8	55	0.05	29.8	11.4	313	2.9	16	0.7	4.1	6.8	23	0.05	0.9	0.2	54	0.31	0.021	20
1456101	11.6	56	0.1	13.8	6.4	306	2.59	7.2	1.4	3.5	8.9	12	0.1	0.7	0.2	48	0.12	0.039	21
1456102	10.8	49	0.05	15.1	6.5	258	2.48	7.7	1.3	4.8	6.5	12	0.05	0.7	0.2	50	0.11	0.05	21
1456102	10.8	49	0.05	14.5	6.4	259	2.48	7.8	1.3	2.4	6.6	12	0.05	0.7	0.2	50	0.11	0.049	21
1456103	10	55	0.05	15.4	7.7	386	2.58	8.4	1.2	1.8	4.7	12	0.1	0.7	0.2	46	0.13	0.046	18
1456104	11	52	0.05	10.2	6.8	335	2.86	6.7	1.1	0.25	6.2	9	0.05	0.5	0.2	56	0.09	0.036	14
1456105	11.7	37	0.05	10.2	5	202	2.5	7.8	0.7	2.3	5.6	13	0.05	0.5	0.2	59	0.11	0.027	15
1456106	13.9	55	0.05	18.1	8.6	315	2.83	9.2	1.4	9.2	11.7	13	0.05	0.9	0.3	48	0.11	0.027	26
1456107	10.5	36	0.05	10.1	4.7	217	2.63	6.3	1.1	1.4	7.7	9	0.05	0.5	0.3	45	0.09	0.033	20
1456108	9.4	49	0.05	16.8	7.2	272	2.37	8.1	1	1	10.8	12	0.05	0.6	0.2	41	0.12	0.027	18
1456109	9.5	42	0.05	13.5	6.1	187	2.33	8.3	0.6	0.9	5.6	11	0.1	0.5	0.2	48	0.11	0.024	15
1456110	10.2	46	0.05	16	7.2	227	2.65	8.4	0.7	11.7	7.2	11	0.05	0.7	0.2	50	0.11	0.026	15
1456111	14.3	54	0.1	14.9	7.3	280	2.58	6.1	1.4	3.5	7.8	10	0.1	1	0.2	43	0.11	0.032	25
1456112	11.8	51	0.05	15.7	7.4	298	2.46	8.4	1.5	2.9	7.5	14	0.05	0.7	0.2	48	0.13	0.034	27
1456113	13	54	0.1	21.6	9.6	318	2.89	10.9	1.4	6.1	13.1	14	0.05	0.8	0.2	52	0.13	0.028	28
1456114	12	59	0.05	20.1	8.9	301	2.88	10.2	1	3.8	9.8	13	0.05	0.9	0.2	55	0.12	0.025	14
1456115	14	46	0.05	12.9	7.1	283	2.57	7.4	1.1	2.7	6.2	12	0.05	0.9	0.3	58	0.1	0.038	21
1456116	11.1	53	0.05	18.1	8.8	305	2.58	8.5	1.2	37.2	10.1	12	0.05	0.8	0.2	44	0.12	0.03	18
1456117	11.2	52	0.05	14.4	6.8	289	2.24	6.2	1.5	5.9	11.5	14	0.05	0.6	0.2	43	0.15	0.028	27
1456118	11.8	45	0.1	12.9	5.6	221	2.34	6.3	1.9	3.3	2.7	15	0.05	0.7	0.2	46	0.14	0.051	27

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1455887	32	0.45	338	0.06	2	1.45	0.009	0.11	0.2	0.13	5	0.05	0.025	4	0.25	0.1
1455888	46	0.55	368	0.069	0	1.29	0.007	0.39	0.2	0.06	5.1	0.3	0.05	5	3	0.1
1455889	96	1.14	429	0.08	0	2.43	0.009	0.44	0.05	0.02	10.4	0.2	0.025	7	0.25	0.1
1455890	35	0.52	266	0.07	1	1.56	0.008	0.19	0.2	0.02	5.7	0.1	0.025	4	0.25	0.1
1455891	36	0.6	212	0.079	0	1.49	0.013	0.21	0.1	0.01	5.6	0.05	0.025	4	0.25	0.1
1455892	43	0.66	487	0.077	0	1.77	0.009	0.29	0.1	0.01	5	0.1	0.025	6	0.25	0.1
1455893	64	0.85	409	0.073	0	2.06	0.009	0.16	0.1	0.01	7.2	0.1	0.025	6	0.25	0.1
1455894	54	0.78	278	0.103	0	2.06	0.01	0.45	0.1	0.005	4.9	0.3	0.025	6	0.25	0.1
1455895	49	0.76	206	0.176	0	2.11	0.009	0.58	0.2	0.005	6	0.4	0.025	8	0.25	0.1
1455896	66	1.04	255	0.163	0	2.51	0.016	0.76	0.1	0.005	6.4	0.5	0.025	9	0.25	0.1
1455897	32	0.47	240	0.078	0	1.38	0.011	0.18	0.2	0.02	4.5	0.1	0.025	4	0.25	0.1
1455898	33	0.5	320	0.064	0	1.6	0.011	0.11	0.2	0.02	5.3	0.05	0.025	5	0.25	0.1
1455899	48	0.66	242	0.094	0	2.05	0.011	0.16	0.2	0.06	7	0.1	0.025	6	0.25	0.1
1455900	41	0.53	277	0.078	0	1.86	0.008	0.12	0.2	0.03	6.1	0.1	0.025	5	0.25	0.1
1456101	24	0.53	154	0.082	0	1.51	0.008	0.14	0.3	0.07	3.5	0.2	0.025	6	0.25	0.1
1456102	24	0.46	144	0.064	0	1.52	0.007	0.09	0.2	0.04	3.5	0.2	0.025	5	0.25	0.1
1456102	25	0.46	144	0.067	1	1.55	0.008	0.09	0.3	0.04	3.7	0.2	0.025	6	0.25	0.1
1456103	26	0.5	123	0.058	0	1.52	0.007	0.12	0.2	0.07	3	0.2	0.025	5	0.25	0.1
1456104	25	0.52	94	0.086	0	1.57	0.006	0.16	0.2	0.02	3.2	0.2	0.025	7	0.25	0.1
1456105	24	0.42	163	0.071	0	1.5	0.006	0.07	0.2	0.03	2.9	0.2	0.025	6	0.25	0.1
1456106	28	0.56	178	0.069	0	1.86	0.007	0.14	0.2	0.07	4.1	0.2	0.025	6	0.25	0.1
1456107	21	0.55	129	0.072	0	1.5	0.006	0.1	0.2	0.03	3.1	0.2	0.025	7	0.25	0.1
1456108	23	0.54	145	0.071	1	1.6	0.008	0.12	0.2	0.03	3.4	0.2	0.025	5	0.25	0.1
1456109	23	0.45	155	0.058	0	1.59	0.007	0.1	0.1	0.03	2.8	0.1	0.025	5	0.25	0.1
1456110	24	0.54	123	0.071	1	1.63	0.006	0.09	0.2	0.03	3.2	0.2	0.025	5	0.25	0.1
1456111	24	0.59	132	0.092	0	1.48	0.007	0.2	0.2	0.03	3.4	0.3	0.025	6	0.25	0.1
1456112	25	0.47	210	0.065	0	1.48	0.009	0.1	0.2	0.05	4.1	0.2	0.025	5	0.25	0.1
1456113	34	0.62	205	0.077	1	2.03	0.008	0.15	0.2	0.07	5	0.2	0.025	6	0.25	0.1
1456114	32	0.56	163	0.075	2	1.88	0.009	0.09	0.2	0.05	4.1	0.2	0.025	6	0.25	0.1
1456115	26	0.49	205	0.084	1	1.58	0.006	0.16	0.2	0.03	3.8	0.3	0.025	7	0.25	0.1
1456116	26	0.55	160	0.067	1	1.56	0.007	0.11	0.2	0.06	3.7	0.2	0.025	5	0.25	0.1
1456117	25	0.51	225	0.083	0	1.35	0.007	0.16	0.2	0.07	4.2	0.2	0.025	5	0.25	0.1
1456118	25	0.45	218	0.051	0	1.45	0.008	0.13	0.1	0.09	3.2	0.2	0.025	6	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1456119	BHC	Yoann Voyer YV01	10/18/2016 0:00	07N	618421	7037904	-138.6250742	63.44981682		1110
1456120	BHC	Yoann Voyer YV01	10/18/2016 0:00	07N	618444	7037905	-138.6246127	63.44981813		1107
1456121	BHC	Yoann Voyer YV01	10/18/2016 0:00	07N	618470	7037904	-138.6240926	63.44980051		1101
1456122	BHC	Yoann Voyer YV01	10/18/2016 0:00	07N	618494	7037906	-138.6236103	63.44981046		1093
1456123	BHC	Yoann Voyer YV01	10/18/2016 0:00	07N	618520	7037905	-138.6230901	63.44979284		1084
1458976	BHC	Nick McKay NM01	10/25/2016 0:00	07N	613793	7033391	-138.721017	63.41085553		819
1458977	BHC	Nick McKay NM01	10/25/2016 0:00	07N	613743	7033392	-138.7220167	63.41088045		805
1458978	BHC	Nick McKay NM01	10/25/2016 0:00	07N	613717	7033388	-138.7225397	63.41085287		798
1458979	BHC	Nick McKay NM01	10/25/2016 0:00	07N	613691	7033390	-138.7230585	63.4108791		789
1458980	BHC	Nick McKay NM01	10/25/2016 0:00	07N	613668	7033390	-138.7235187	63.41088643		782
1458982	BHC	Nick McKay NM01	10/25/2016 0:00	07N	613641	7033389	-138.7240597	63.41088607		775
1458983	BHC	Nick McKay NM01	10/25/2016 0:00	07N	613616	7033392	-138.7245577	63.41092094		770
1458984	BHC	Nick McKay NM01	10/25/2016 0:00	07N	613590	7033392	-138.725078	63.41092923		761
1458985	BHC	Nick McKay NM01	10/25/2016 0:00	07N	613567	7033392	-138.7255382	63.41093655		754
1458986	BHC	Nick McKay NM01	10/25/2016 0:00	07N	613543	7033388	-138.7260212	63.41090832		748
1458987	BHC	Nick McKay NM01	10/25/2016 0:00	07N	613489	7033391	-138.7270995	63.41095242		732
1458988	BHC	Nick McKay NM01	10/25/2016 0:00	07N	613441	7033393	-138.7280585	63.41098563		718
1458989	BHC	Nick McKay NM01	10/25/2016 0:00	07N	613415	7033387	-138.728583	63.41094009		711
1458990	BHC	Nick McKay NM01	10/25/2016 0:00	07N	613392	7033388	-138.7290425	63.41095638		707
1459101	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	613949	7031663	-138.719127	63.3953096		708
1459102	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	613975	7031663	-138.7186071	63.3953013		726
1459103	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	613999	7031663	-138.7181271	63.39529363		715
1459104	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614024	7031664	-138.7176272	63.39529205		718
1459105	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614049	7031663	-138.7171273	63.39527765		727
1459106	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614074	7031662	-138.716628	63.39526069		733
1459107	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614100	7031663	-138.7161074	63.39526135		737
1459108	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614125	7031662	-138.7156082	63.39524438		744
1459109	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614150	7031663	-138.7151075	63.39524535		747
1459109	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614150	7031663	-138.7151075	63.39524535		747
1459110	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614175	7031663	-138.7146076	63.39523735		749
1459111	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614199	7031662	-138.7141283	63.39522071		752
1459112	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614226	7031663	-138.7135877	63.39522103		756
1459113	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614250	7031663	-138.7131078	63.39521335		758

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1456119	Auger	50	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Reindeer Moss	Damp	Good	Silt
1456120	Auger	40	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Silt
1456121	Auger	40	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Silt
1456122	Auger	50	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Silt
1456123	Auger	40	B	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Dry	Good	Silt
1458976	Auger	40	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Good	Sand
1458977	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1458978	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1458979	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1458980	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1458982	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Poor	Sand
1458983	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Poor	Sand
1458984	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1458985	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1458986	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1458987	Auger	90	C	Subtle Slope	Chocolate Brown	Black Spruce	Sphagnum Moss >	Damp	Good	Sand
1458988	Auger	60	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Good	Sand
1458989	Auger	50	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Good	Sand
1458990	Auger	40	B	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Poor	Sand
1459101	Auger	20	B	Pronounced Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Poor	Silt
1459102	Auger	40	B	Pronounced Slope	Chocolate Brown	Black Spruce	Grass Cover	Dry	Poor	Silt
1459103	Auger	70	B	Subtle Slope	Dark Brown	Black Spruce	Sphagnum Moss <	Damp	Good	Silt
1459104	Auger	70	C	Subtle Slope	Chocolate Brown	Black Spruce	Grass Cover	Damp	Good	Sand
1459105	Auger	90	C	Pronounced Slope	Chocolate Brown	Black Spruce	Sphagnum Moss <	Damp	Good	Sand
1459106	Auger	70	C	Pronounced Slope	Chocolate Brown	Black Spruce	Sphagnum Moss <	Damp	Good	Sand
1459107	Auger	70	C	Pronounced Slope	Chocolate Brown	Black Spruce	Sphagnum Moss <	Damp	Good	Sand
1459108	Auger	60	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Poor	Silt
1459109	Auger	60	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Good	Sand
1459109	Auger	60	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Good	Sand
1459110	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Silt
1459111	Auger	20	B	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Poor	Silt
1459112	Auger	110	C	Subtle Slope	Reddish Orange	Black Spruce	Sphagnum Moss <	Damp	Good	Sand
1459113	Auger	40	C	Subtle Slope	Chocolate Brown	Poplar	Leaf Cover	Damp	Poor	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1456119	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.2	16.1
1456120	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.1	13.9
1456121	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.9	15.5
1456122	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1	12.4
1456123	Rocky Terrain			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.1	13.8
1458976	Coarse	Clay		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.7	18.5
1458977	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1	80.1
1458978	Coarse	Clay		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	32
1458979	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	152
1458980	Coarse	Clay		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	32.9
1458982	Organic 25%	Clay		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	39.5
1458983	Clay	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.7	28.6
1458984	Coarse	Clay		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.9	31.1
1458985	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	27.8
1458986	Coarse	Clay		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	27.4
1458987	Clay	Fine		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.7	33.8
1458988	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	53.6
1458989	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.1	52.7
1458990	Organic 10%	Clay		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	35.8
1459101				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	2.8	29.3
1459102				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	3.8	51.9
1459103	Rusty Rock Chip			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	3.4	45.2
1459104				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	2.3	74.5
1459105				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.6	56.5
1459106				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	2.2	77.2
1459107				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	3.2	76.8
1459108				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.7	45.7
1459109				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.7	43.9
1459109				REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.6	44.4
1459110				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.1	61.1
1459111	Rocky Sample			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.9	16.5
1459112				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.8	31.4
1459113				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.2	31

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1456119	10.1	47	0.05	14.8	7.1	312	2.32	6.4	2	3.2	12.2	13	0.05	0.9	0.2	42	0.13	0.031	27
1456120	10	45	0.05	13.7	6	255	2.21	6	1.6	1.9	9.4	14	0.05	0.7	0.2	42	0.14	0.029	23
1456121	9.9	47	0.05	16.3	7.2	271	2.25	6.7	1.8	3.7	5.9	14	0.05	0.7	0.2	41	0.15	0.043	23
1456122	9.3	46	0.05	13.1	6.2	244	2.17	5.9	1.6	2	8.3	14	0.05	0.6	0.2	42	0.15	0.033	24
1456123	11	45	0.1	11.1	5.6	386	2.07	3.8	2.3	1.1	6.7	11	0.1	0.4	0.2	34	0.13	0.061	30
1458976	8.1	34	0.1	27.1	8.6	237	1.92	5.8	0.4	1.8	1.2	18	0.05	0.4	0.2	45	0.2	0.057	10
1458977	6.2	53	0.05	66.9	18.7	210	2.8	5.3	0.6	1.2	2.4	39	0.05	0.3	0.1	71	0.5	0.093	11
1458978	6.4	41	0.05	33.9	12.3	277	2.15	5.5	0.7	2.7	3.1	29	0.05	0.4	0.1	53	0.36	0.048	12
1458979	4.2	39	0.05	132.1	41.6	323	3.02	8.7	0.8	2.4	4.6	40	0.05	0.4	0.05	51	0.43	0.028	19
1458980	8.1	45	0.1	30.2	11	308	2.24	7.7	1.8	2.9	4.5	32	0.05	0.5	0.2	46	0.43	0.049	15
1458982	6.6	35	0.4	31	12.7	518	1.57	3.8	0.9	3.4	0.2	39	0.2	0.3	0.1	35	0.42	0.064	11
1458983	7.1	35	0.1	27.6	8.9	192	1.78	5.5	0.7	1.8	0.7	31	0.2	0.3	0.2	39	0.36	0.055	11
1458984	7.8	46	0.05	31.5	13.5	365	2.38	6.8	1.2	8.6	4.1	30	0.05	0.5	0.2	53	0.36	0.041	17
1458985	6.3	39	0.05	29.4	10.2	221	2.09	5.8	0.9	1.6	3.8	32	0.05	0.4	0.1	45	0.43	0.054	14
1458986	7.3	44	0.05	27.6	10.2	255	2.16	6.4	1.2	4.3	4	35	0.05	0.4	0.2	45	0.44	0.051	15
1458987	7.6	45	0.05	28.5	11.1	339	2.29	7.4	1.3	2.5	4.3	36	0.05	0.5	0.2	49	0.46	0.055	16
1458988	4.6	72	0.05	45.9	16.2	372	3.43	5	0.8	10	4.5	89	0.05	0.2	0.5	83	0.88	0.137	19
1458989	7.7	49	0.2	72	22.2	729	2.73	9.5	1.5	4.7	3.6	47	0.2	0.4	0.4	62	0.69	0.058	18
1458990	4.5	46	0.3	99.1	23.7	1037	2.02	4.1	1	1.5	0.9	66	0.6	0.4	0.3	32	1.01	0.083	12
1459101	9.3	64	0.2	19.1	5.8	159	2.46	45.4	0.8	1.4	1.3	19	0.5	2.8	0.2	60	0.11	0.039	15
1459102	12	121	0.2	35.3	13.9	464	2.5	74.4	2.2	9.7	6.2	24	0.9	4.5	0.2	50	0.33	0.101	37
1459103	9.5	63	0.2	27.4	7.5	171	2.5	33.1	2.4	4	4.9	27	0.4	2.9	0.2	63	0.24	0.069	22
1459104	12.5	86	0.1	42.7	13.3	407	3.73	43.7	1.9	9	5.3	19	0.2	1.8	0.2	91	0.24	0.063	30
1459105	9.9	95	0.05	43.7	18.9	649	4.7	35	1.8	3.1	8.7	14	0.05	1	0.2	69	0.25	0.072	24
1459106	8.9	74	0.1	37.4	14.4	404	3.64	30.6	2.6	3.5	6.5	13	0.05	1.1	0.2	67	0.14	0.041	24
1459107	11.6	109	0.2	48.7	13	527	3.58	33.5	3.1	5.1	5.7	31	0.1	1.1	0.2	94	0.35	0.061	30
1459108	10.6	57	0.05	29.8	9.9	292	2.92	24.6	2.2	4	5.5	17	0.1	1.1	0.2	54	0.16	0.02	17
1459109	9.6	79	0.2	34.8	12.7	314	3.18	22.8	1.5	2.6	4.7	17	0.2	0.9	0.2	67	0.18	0.028	16
1459109	9.5	77	0.2	35.1	12.6	312	3.17	21.8	1.5	3.6	4.7	17	0.2	0.9	0.2	67	0.18	0.027	16
1459110	12.4	77	0.5	42.5	12.1	415	3.12	18.4	8.9	6	6.5	24	0.1	1.1	0.2	64	0.3	0.05	23
1459111	6.9	45	0.6	14.4	4.2	201	1.27	13	1	3.7	0.6	20	1	0.6	0.2	57	0.27	0.035	10
1459112	6.7	72	0.05	43.9	16.2	590	3.39	45.6	1.1	2.5	17.7	39	0.2	1.5	0.05	45	3.81	0.084	52
1459113	9.7	52	0.2	51.2	12.5	415	2.63	10.7	0.5	1.7	2.5	31	0.1	0.5	0.2	57	0.5	0.033	9

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1456119	24	0.45	202	0.073	0	1.44	0.007	0.12	0.2	0.1	4	0.2	0.025	5	0.25	0.1
1456120	23	0.44	202	0.067	0	1.37	0.009	0.09	0.2	0.07	3.2	0.2	0.025	5	0.25	0.1
1456121	30	0.47	171	0.062	0	1.29	0.008	0.11	0.2	0.04	3.2	0.2	0.025	4	0.25	0.1
1456122	24	0.48	158	0.071	0	1.36	0.007	0.12	0.2	0.04	3.2	0.2	0.025	5	0.25	0.1
1456123	24	0.43	155	0.076	0	1.07	0.009	0.23	0.2	0.03	2.9	0.3	0.025	5	0.25	0.1
1458976	38	0.4	191	0.047	0	1.42	0.007	0.06	0.1	0.02	1.9	0.05	0.025	5	0.25	0.1
1458977	93	1.01	260	0.088	0	2.09	0.014	0.03	0.2	0.02	4.2	0.05	0.025	6	0.25	0.1
1458978	50	0.65	295	0.074	0	1.59	0.015	0.04	0.2	0.02	3.2	0.05	0.025	4	0.25	0.1
1458979	82	1.39	454	0.095	0	2.23	0.019	0.05	0.05	0.02	3.1	0.1	0.025	6	0.5	0.1
1458980	40	0.53	382	0.057	0	1.44	0.021	0.05	0.1	0.04	4.2	0.05	0.025	4	0.25	0.1
1458982	42	0.42	383	0.033	2	1.21	0.014	0.06	0.1	0.05	1.4	0.05	0.025	4	0.25	0.1
1458983	45	0.49	258	0.045	1	1.26	0.014	0.06	0.2	0.03	2.1	0.05	0.025	4	0.25	0.1
1458984	64	0.67	300	0.074	0	1.78	0.015	0.05	0.2	0.02	4	0.05	0.025	5	0.25	0.1
1458985	59	0.7	283	0.074	1	1.58	0.021	0.06	0.2	0.02	3.6	0.05	0.025	4	0.25	0.1
1458986	48	0.59	389	0.067	0	1.54	0.02	0.05	0.2	0.03	4.1	0.05	0.025	4	0.25	0.1
1458987	46	0.6	376	0.063	1	1.66	0.023	0.05	0.2	0.03	4.2	0.05	0.025	5	0.25	0.1
1458988	103	1.77	3817	0.215	0	3.28	0.061	0.74	0.2	0.01	6.1	0.3	0.025	10	0.25	0.1
1458989	118	1.14	651	0.105	2	2.13	0.02	0.18	0.1	0.03	4.4	0.2	0.025	6	0.6	0.1
1458990	148	1.22	732	0.058	3	1.41	0.017	0.1	0.1	0.09	2.6	0.05	0.025	4	0.25	0.1
1459101	32	0.3	261	0.042	1	1.16	0.005	0.09	0.1	0.17	3	0.2	0.025	5	0.25	0.1
1459102	38	0.31	381	0.043	1	1	0.003	0.25	0.3	0.64	8.3	0.5	0.025	5	1.3	0.1
1459103	52	0.42	659	0.061	0	1.23	0.007	0.08	0.2	0.72	5.7	0.2	0.025	5	0.8	0.1
1459104	55	0.89	564	0.142	0	2.1	0.008	0.47	0.1	0.46	8.4	0.4	0.025	8	0.9	0.1
1459105	49	1.34	448	0.211	0	2.66	0.009	1.16	0.1	0.17	7.6	0.6	0.025	9	0.25	0.1
1459106	43	0.94	390	0.139	0	2.11	0.009	0.46	0.1	0.19	8.2	0.3	0.025	7	0.25	0.1
1459107	62	0.71	756	0.097	0	1.9	0.008	0.2	0.05	0.09	9.5	0.2	0.025	7	0.9	0.1
1459108	37	0.49	379	0.063	0	1.68	0.008	0.06	0.1	0.15	5.9	0.2	0.025	5	0.25	0.1
1459109	40	0.7	345	0.08	1	2.06	0.007	0.18	0.2	0.03	5.2	0.2	0.025	6	0.9	0.1
1459109	40	0.7	325	0.079	0	2	0.007	0.18	0.1	0.02	5.1	0.2	0.025	7	0.7	0.1
1459110	43	0.57	493	0.061	2	1.92	0.013	0.06	0.2	0.09	8	0.1	0.025	6	0.25	0.1
1459111	22	0.21	176	0.037	1	0.62	0.005	0.06	0.2	0.03	1.5	0.05	0.025	4	0.25	0.1
1459112	52	0.7	228	0.084	2	1.38	0.005	0.46	0.05	0.02	5.7	0.4	0.025	5	0.25	0.1
1459113	52	0.54	438	0.058	1	1.73	0.013	0.05	0.1	0.02	4.1	0.05	0.025	5	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1459114	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614276	7031663	-138.7125878	63.39520502		764
1459115	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614301	7031662	-138.7120886	63.39518805		773
1459116	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614325	7031663	-138.711608	63.39518932		786
1459117	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614350	7031662	-138.7111087	63.39517234		784
1459118	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614376	7031664	-138.7105874	63.39518195		790
1459119	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614402	7031663	-138.7100682	63.39516464		792
1459120	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614425	7031663	-138.7096082	63.39515727		791
1459121	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614451	7031664	-138.7090876	63.3951579		789
1459122	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614475	7031663	-138.7086083	63.39514123		786
1459123	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614501	7031663	-138.7080884	63.39513289		780
1459124	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614526	7031663	-138.7075885	63.39512486		776
1459125	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614526	7031663	-138.7075885	63.39512486	1459124	776
1459126	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	614193	7033289	-138.7130865	63.40981295		828
1459127	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	614167	7033289	-138.7136067	63.40982128		833
1459128	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	614142	7033288	-138.7141076	63.40982032		841
1459129	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	614116	7033289	-138.7146271	63.40983761		840
1459130	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	614091	7033288	-138.715128	63.40983664		839
1459131	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	614067	7033289	-138.7156075	63.40985328		840
1459132	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	614041	7033289	-138.7161277	63.4098616		839
1459133	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	614016	7033289	-138.7166279	63.40986959		839
1459134	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	613990	7033289	-138.7171481	63.40987791		837
1459135	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	613966	7033290	-138.7176275	63.40989455		834
1459136	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	613941	7033289	-138.7181284	63.40989357		832
1459137	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	613917	7033290	-138.7186079	63.4099102		830
1459138	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	613892	7033289	-138.7191088	63.40990922		828
1459139	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	613866	7033289	-138.719629	63.40991753		825
1459140	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	613840	7033289	-138.7201492	63.40992583		819
1459141	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	613815	7033289	-138.7206494	63.40993381		816
1459141	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	613815	7033289	-138.7206494	63.40993381		816
1459142	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	613791	7033289	-138.7211296	63.40994147		814
1459143	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	613764	7033288	-138.7216705	63.40994111		816
1459144	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	613741	7033289	-138.72213	63.40995742		810
1459145	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	613715	7033289	-138.7226502	63.40996571		806



sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1459114	Auger	60	C	Pronounced Slope	Reddish Yellow	Poplar	Leaf Cover	Dry	Good	Sand
1459115	Auger	40	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Poor	Silt
1459116	Auger	50	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1459117	Auger	50	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1459118	Auger	40	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Poor	Clay
1459119	Auger	50	C	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Poor	Sand
1459120	Auger	50	C	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Sand
1459121	Auger	50	C	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Sand
1459122	Auger	40	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Poor	Silt
1459123	Auger	40	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Poor	Silt
1459124	Auger	40	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Poor	Silt
1459125	Auger	40	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Poor	Silt
1459126	Auger	70	C	Pronounced Slope	Reddish Orange	Old Burn	Grass Cover	Dry	Good	Sand
1459127	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Sand
1459128	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Sand
1459129	Auger	50	C	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Sand
1459130	Auger	70	C	Subtle Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Sand
1459131	Auger	70	C	Subtle Slope	Chocolate Brown	White Spruce	Leaf Cover	Dry	Good	Sand
1459132	Auger	70	C	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Sand
1459133	Auger	70	C	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Sand
1459134	Auger	40	B	Pronounced Slope	Chocolate Brown	White Spruce	Leaf Cover	Damp	Good	Silt
1459135	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1459136	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Poor	Silt
1459137	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Good	Sand
1459138	Auger	60	C	Subtle Slope	Reddish Brown	Old Burn	Leaf Cover	Dry	Good	Sand
1459139	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1459140	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Sand
1459141	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Good	Sand
1459141	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Good	Sand
1459142	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Sand
1459143	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Good	Sand
1459144	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Good	Silt
1459145	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Good	Silt

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1459114				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.4	58.7
1459115				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.6	27.4
1459116	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1	18.7
1459117	Rocky Sample			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.3	103.5
1459118				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	31.1
1459119				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	2	112.7
1459120				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	38.5
1459121				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.6	56.9
1459122				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1	36.7
1459123				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.1	45.4
1459124				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.9	19.4
1459125				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.7	17.9
1459126				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.4	75
1459127				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.1	29
1459128				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.2	66.9
1459129				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.6	74.5
1459130				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.2	28.7
1459131				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.3	50.4
1459132				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.2	37.8
1459133				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.3	25.5
1459134	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.5	43.7
1459135	Rocky Sample			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.4	73.8
1459136				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.5	45.1
1459137				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.1	41.4
1459138				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.4	95.6
1459139	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.3	65.2
1459140				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.4	88.8
1459141				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.4	40
1459141				REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.3	41.1
1459142				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.4	38.2
1459143				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.4	54.3
1459144				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.8	115.1
1459145				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.6	41.2

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1459114	3.5	40	0.1	59.9	11.4	142	1.87	6.1	1.4	17.2	4.9	33	0.1	0.3	0.05	41	0.6	0.083	26
1459115	8.2	102	0.3	47.5	21.8	427	3	5.5	0.4	3.3	2.5	24	0.4	0.4	0.2	59	0.33	0.099	8
1459116	8.7	66	0.2	35	15.2	407	2.52	7	0.4	8.9	3	29	0.2	0.4	0.2	49	0.4	0.078	9
1459117	6.3	83	0.5	99.7	43.2	329	4.14	18.7	0.8	10.3	2.1	59	0.2	0.4	0.1	93	0.51	0.123	8
1459118	7.1	59	0.2	95.6	27.6	517	3.1	6.5	0.5	0.25	3.1	47	0.05	0.2	0.05	61	0.39	0.063	9
1459119	7.1	82	0.3	48	17	648	4.8	14.3	1.3	2.1	7.1	33	0.1	0.3	0.05	151	0.47	0.16	19
1459120	7	48	0.2	77.3	18.1	200	2.75	12.8	0.6	0.7	3.3	43	0.1	0.5	0.05	55	0.47	0.054	15
1459121	6	76	0.4	76.4	17.3	419	4.31	32.5	1.3	1.2	8.1	20	0.2	0.4	0.05	96	0.36	0.114	24
1459122	7.2	88	0.3	65.3	20.8	256	3.18	12.7	0.6	5	3.2	28	0.2	0.3	0.05	72	0.32	0.101	10
1459123	8.2	52	0.2	54.6	13.5	202	2.9	13.9	0.7	2.8	5.1	26	0.05	0.6	0.2	62	0.31	0.044	13
1459124	7.3	35	0.1	32.7	13.3	386	2.43	8.9	0.3	0.7	2.7	29	0.05	0.4	0.1	49	0.38	0.034	9
1459125	7.1	33	0.1	31.2	12.9	381	2.33	8.5	0.3	3.3	2.7	28	0.05	0.3	0.05	50	0.37	0.033	8
1459126	10.2	51	0.1	53.3	13.3	272	2.49	6.6	1.3	0.25	9	46	0.05	0.4	0.05	82	0.43	0.026	15
1459127	4.7	39	0.05	17.9	14.5	248	2.54	1.8	0.4	0.25	4.5	42	0.05	0.05	0.05	64	0.64	0.093	10
1459128	5.4	35	0.05	96.3	26.1	234	2.99	3.8	0.4	0.6	7.1	29	0.05	0.1	0.05	81	0.4	0.025	15
1459129	6.3	37	0.05	103.1	21.8	151	2.62	9.5	0.5	1.7	4.5	33	0.05	0.4	0.1	58	0.42	0.023	14
1459130	7	34	0.05	31.3	12.8	234	2.31	4.2	1.5	5	12.1	32	0.05	0.2	0.05	44	0.37	0.036	27
1459131	3.9	37	0.05	203.9	38.9	282	3.93	5.1	0.4	0.25	3.5	17	0.05	0.3	0.05	43	0.31	0.02	11
1459132	3.7	35	0.05	168	32.3	239	3.38	3.3	0.4	0.7	4.2	16	0.05	0.2	0.05	38	0.32	0.016	9
1459133	8	25	0.05	106.6	22.2	152	2.32	3.2	0.1	0.25	1.3	14	0.05	0.1	0.05	32	0.25	0.007	4
1459134	6.5	40	0.05	142.7	27.5	232	3.23	6.5	0.3	0.8	3	13	0.05	0.3	0.05	42	0.21	0.021	7
1459135	5.7	33	0.05	192.9	30.6	315	2.81	4.8	0.3	0.7	1.9	12	0.05	0.3	0.1	38	0.23	0.011	6
1459136	6.6	35	0.05	115.8	19.1	229	2.54	7.8	0.3	2.8	2.9	15	0.05	0.5	0.1	41	0.2	0.017	9
1459137	3.6	32	0.05	162.7	26.7	165	2.33	1.4	0.3	0.25	3.9	26	0.05	0.05	0.05	32	0.36	0.037	11
1459138	8.7	51	0.05	39.9	13.5	178	3.37	4.8	0.7	9.8	2.6	50	0.05	0.2	0.05	78	0.48	0.086	9
1459139	5.8	38	0.1	133	18.7	234	2.84	3.9	0.5	0.25	3.6	42	0.05	0.2	0.2	51	0.47	0.075	11
1459140	4.4	30	0.05	101.3	19.5	124	2.13	6.5	0.5	0.25	3	22	0.05	0.3	0.05	46	0.26	0.036	9
1459141	10.6	37	0.05	52	15.2	177	2.25	5	0.4	0.25	2.6	40	0.05	0.2	0.05	42	0.39	0.066	8
1459141	10.4	39	0.05	51.7	15.9	175	2.2	5	0.4	0.25	2.7	41	0.05	0.2	0.05	42	0.4	0.065	8
1459142	8.2	41	0.05	48.7	17.4	140	2.32	4.4	0.8	0.25	6.3	58	0.05	0.1	0.05	55	0.74	0.178	22
1459143	5.6	37	0.05	68.2	24	238	2.7	4.8	0.7	1.5	3.7	61	0.05	0.1	0.05	65	0.66	0.121	10
1459144	8.1	43	0.1	222.8	29.5	256	2.76	36.7	0.4	1.4	3	29	0.05	0.4	0.4	57	0.29	0.044	9
1459145	6.7	43	0.1	74.7	18.6	237	2.43	5.5	0.3	69.1	2.6	45	0.05	0.3	5.5	48	0.36	0.033	7

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1459114	37	0.79	193	0.04	0	0.85	0.025	0.02	0.05	0.01	5.6	0.05	0.025	2	0.25	0.1
1459115	46	0.47	480	0.059	2	1.81	0.01	0.1	0.1	0.01	3.8	0.05	0.025	5	0.25	0.1
1459116	39	0.48	455	0.047	1	1.7	0.011	0.12	0.2	0.005	4.3	0.05	0.025	5	0.25	0.1
1459117	80	0.79	626	0.08	1	2.5	0.02	0.18	0.05	0.01	4.9	0.05	0.025	7	0.25	0.1
1459118	133	1.28	657	0.179	0	2.68	0.01	0.41	0.05	0.005	4.8	0.2	0.025	7	0.25	0.1
1459119	93	1.69	568	0.155	0	3.26	0.007	1.05	0.1	0.01	8.5	0.4	0.025	12	0.25	0.1
1459120	147	1.04	344	0.074	0	2.03	0.021	0.26	0.05	0.005	6	0.05	0.025	5	0.25	0.1
1459121	102	1.05	273	0.029	1	2.17	0.004	0.32	0.05	0.005	7.1	0.1	0.025	9	0.25	0.1
1459122	64	0.78	461	0.113	1	1.94	0.009	0.22	0.1	0.005	3.7	0.1	0.025	6	0.25	0.1
1459123	66	0.66	286	0.086	0	1.82	0.01	0.15	0.2	0.01	5.8	0.05	0.025	5	0.25	0.1
1459124	57	0.59	424	0.063	1	1.59	0.008	0.11	0.2	0.01	4.2	0.05	0.025	5	0.25	0.1
1459125	53	0.56	390	0.063	0	1.58	0.009	0.11	0.1	0.005	3.8	0.05	0.025	5	0.25	0.1
1459126	84	0.91	189	0.096	2	2.09	0.008	0.18	0.5	0.005	5.8	0.2	0.025	7	0.25	0.1
1459127	44	1.12	471	0.192	0	2.48	0.035	0.3	0.1	0.01	2.3	0.2	0.025	7	0.25	0.1
1459128	150	1.68	505	0.245	0	2.55	0.008	0.31	0.3	0.01	3.3	0.2	0.025	8	0.25	0.1
1459129	134	1.1	310	0.114	0	2.89	0.02	0.05	0.2	0.03	6.5	0.05	0.025	6	0.25	0.1
1459130	58	0.85	169	0.128	0	2.23	0.021	0.41	0.2	0.01	6.4	0.2	0.025	7	0.25	0.1
1459131	331	2.97	269	0.109	0	2.4	0.007	0.21	0.2	0.01	4.7	0.3	0.025	6	0.25	0.1
1459132	399	2.93	188	0.092	0	2.1	0.006	0.12	0.05	0.01	4.7	0.3	0.025	5	0.25	0.1
1459133	305	1.78	220	0.086	0	1.82	0.005	0.21	0.05	0.005	2.4	0.2	0.025	5	0.25	0.1
1459134	107	1.55	261	0.077	0	1.75	0.007	0.25	0.05	0.01	3.1	0.2	0.025	4	0.25	0.1
1459135	129	1.76	271	0.056	0	1.63	0.006	0.08	0.1	0.01	3.3	0.2	0.025	4	0.25	0.1
1459136	85	0.9	289	0.065	0	1.4	0.008	0.09	0.1	0.01	3.1	0.05	0.025	4	0.25	0.1
1459137	231	2.41	422	0.114	0	2.53	0.015	0.31	0.05	0.005	2	0.3	0.025	6	0.25	0.1
1459138	57	1.04	1789	0.155	0	2.69	0.019	0.41	0.1	0.005	5.6	0.2	0.025	7	0.25	0.1
1459139	121	1.16	713	0.104	0	2.13	0.008	0.26	0.1	0.005	4.9	0.1	0.025	6	0.25	0.1
1459140	105	0.87	196	0.083	0	1.67	0.013	0.07	0.1	0.005	3.1	0.05	0.025	4	0.25	0.1
1459141	79	0.97	357	0.089	0	2.12	0.01	0.16	0.1	0.005	2.3	0.05	0.025	6	0.25	0.1
1459141	80	0.96	349	0.09	0	2.1	0.009	0.16	0.1	0.005	2.4	0.05	0.025	6	0.25	0.1
1459142	93	1.11	668	0.154	0	3.32	0.064	0.44	0.05	0.005	3.4	0.2	0.025	7	0.25	0.1
1459143	83	1.3	967	0.208	2	4.17	0.094	0.82	0.05	0.005	3.3	0.4	0.025	9	0.25	0.1
1459144	42	0.57	369	0.073	1	1.97	0.008	0.09	0.2	0.01	2.7	0.05	0.025	5	0.25	0.1
1459145	131	0.99	357	0.091	1	2.1	0.01	0.08	0.2	0.01	3.1	0.1	0.025	6	0.25	0.2

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1459146	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	613691	7033289	-138.7231304	63.40997337		801
1459147	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	613665	7033289	-138.7236506	63.40998165		793
1459148	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	613640	7033289	-138.7241508	63.40998962		787
1459149	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	613616	7033290	-138.7246303	63.41000624		780
1459150	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	613616	7033290	-138.7246303	63.41000624	1459149	780
1459801	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614551	7031662	-138.7070893	63.39510787		771
1459802	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614576	7031663	-138.7065886	63.39510881		769
1459803	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614601	7031662	-138.7060894	63.39509182		763
1459804	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614627	7031662	-138.7055695	63.39508346		768
1459805	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614652	7031663	-138.7050688	63.3950844		771
1459806	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614677	7031662	-138.7045696	63.3950674		779
1459807	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614701	7031663	-138.704089	63.39506865		784
1459808	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614727	7031663	-138.703569	63.39506029		789
1459809	BHC	Grace Bisaro GB01	10/23/2016 0:00	07N	614751	7031663	-138.7030891	63.39505257		786
1459810	BHC	Grace Bisaro GB01	10/24/2016 0:00	07N	616334	7032531	-138.6708029	63.40232364		803
1459811	BHC	Grace Bisaro GB01	10/24/2016 0:00	07N	616309	7032530	-138.6713037	63.40232282		800
1459812	BHC	Grace Bisaro GB01	10/24/2016 0:00	07N	616359	7032531	-138.6703029	63.40231548		802
1459813	BHC	Grace Bisaro GB01	10/24/2016 0:00	07N	616384	7032531	-138.6698029	63.40230733		801
1459814	BHC	Grace Bisaro GB01	10/24/2016 0:00	07N	616409	7032531	-138.6693028	63.40229917		804
1459815	BHC	Grace Bisaro GB01	10/24/2016 0:00	07N	616434	7032531	-138.6688028	63.40229101		806
1459816	BHC	Grace Bisaro GB01	10/24/2016 0:00	07N	616459	7032531	-138.6683027	63.40228285		808
1459817	BHC	Grace Bisaro GB01	10/24/2016 0:00	07N	616484	7032530	-138.6678034	63.40226572		811
1459818	BHC	Grace Bisaro GB01	10/24/2016 0:00	07N	616511	7032531	-138.6672626	63.40226587		813
1459819	BHC	Grace Bisaro GB01	10/24/2016 0:00	07N	616535	7032531	-138.6667826	63.40225803		815
1459820	BHC	Grace Bisaro GB01	10/24/2016 0:00	07N	616559	7032530	-138.6663033	63.40224122		817
1459821	BHC	Grace Bisaro GB01	10/24/2016 0:00	07N	616585	7032531	-138.6657825	63.40224169		822
1459822	BHC	Grace Bisaro GB01	10/24/2016 0:00	07N	616611	7032531	-138.6652625	63.40223319		823
1459823	BHC	Grace Bisaro GB01	10/24/2016 0:00	07N	616634	7032531	-138.6648024	63.40222567		822
1459824	BHC	Grace Bisaro GB01	10/24/2016 0:00	07N	616660	7032531	-138.6642824	63.40221717		821
1459825	BHC	Grace Bisaro GB01	10/24/2016 0:00	07N	616660	7032531	-138.6642824	63.40221717	1459824	821
1460201	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616308	7032632	-138.6712495	63.40323782		822
1460202	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616338	7032634	-138.670648	63.40324597		826
1460203	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616360	7032632	-138.6702094	63.40322086		826

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1459146	Auger	80	C	Pronounced Slope	Reddish Orange	Old Burn	Grass Cover	Damp	Good	Sand
1459147	Auger	60	C	Pronounced Slope	Dark Brown	Old Burn	Grass Cover	Damp	Good	Sand
1459148	Auger	110	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1459149	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1459150	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1459801	Auger	40	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Poor	Silt
1459802	Auger	30	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Poor	Silt
1459803	Auger	50	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Damp	Good	Silt
1459804	Auger	70	B	Pronounced Slope	Chocolate Brown	White Spruce	Leaf Cover	Dry	Good	Silt
1459805	Auger	60	C	Pronounced Slope	Chocolate Brown	Black Spruce	Sphagnum Moss < Damp		Good	Sand
1459806	Auger	50	B	Pronounced Slope	Chocolate Brown	White Spruce	Sphagnum Moss < Dry		Poor	Silt
1459807	Auger	40	B	Pronounced Slope	Chocolate Brown	White Spruce	Sphagnum Moss < Dry		Poor	Silt
1459808	Auger	40	B	Subtle Slope	Chocolate Brown	White Spruce	Sphagnum Moss < Dry		Poor	Silt
1459809	Auger	40	B	Pronounced Slope	Chocolate Brown	White Spruce	Sphagnum Moss < Dry		Poor	Silt
1459810	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Poor	Silt
1459811	Auger	20	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Poor	Silt
1459812	Auger	100	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1459813	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Poor	Silt
1459814	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Good	Silt
1459815	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1459816	Auger	70	C	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1459817	Auger	110	C	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Good	Silt
1459818	Auger	110	C	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Good	Sand
1459819	Auger	100	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Sand
1459820	Auger	110	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1459821	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Poor	Silt
1459822	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Poor	Silt
1459823	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Sand
1459824	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Sand
1459825	Auger	30	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Sand
1460201	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1460202	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1460203	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1459146				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.4	131.3
1459147				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.6	39.2
1459148				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.6	66
1459149				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.7	79.5
1459150				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.7	73.4
1459801				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	33.6
1459802				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.9	22.3
1459803				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.9	23.8
1459804				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.3	54.7
1459805				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1	45.3
1459806				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.9	17.3
1459807				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.1	19.6
1459808				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.7	10.8
1459809				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.8	10.6
1459810				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	21.8
1459811				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	23.7
1459812				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.3	32
1459813				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	18.2
1459814				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	50.6
1459815				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	44.5
1459816				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	32.9
1459817				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.3	35.3
1459818				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	36.2
1459819				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	31.2
1459820				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.2	29.6
1459821				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	16.7
1459822				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	9.6
1459823	Rocky Sample			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.9	19.4
1459824	Rocky Sample			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	15.3
1459825	Rocky Sample			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.7	13.9
1460201	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.6	19.4
1460202	Coarse	Clay		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.4	24.9
1460203	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.5	19.4

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1459146	3.4	51	0.05	60.6	18.4	328	3.11	8	1.2	8.9	5.3	46	0.05	0.2	0.5	73	0.64	0.073	18
1459147	5.1	44	0.1	45	17.4	249	3.04	4.4	0.4	0.6	2.1	50	0.05	0.2	0.1	75	0.54	0.176	7
1459148	5.3	59	0.05	35.3	14.7	308	3.56	4.2	1.5	5	4.4	72	0.05	0.3	0.2	80	0.81	0.151	18
1459149	4.6	49	0.05	26.7	12	307	3.08	4.2	1.5	4	10	32	0.05	0.2	0.4	52	0.45	0.077	26
1459150	4.8	47	0.05	23.1	12	311	3.16	4	1.2	7.1	8.6	32	0.05	0.2	0.5	55	0.45	0.087	23
1459801	8.2	45	0.2	45.3	19.2	257	2.68	6.3	0.5	1.6	4.4	52	0.05	0.3	0.05	56	0.25	0.041	10
1459802	7.8	48	0.2	34.6	15.7	281	2.65	11.4	0.4	1.6	3.3	21	0.05	0.5	0.1	56	0.23	0.038	9
1459803	9.2	50	0.2	30.4	9.8	198	2.7	12.6	0.6	1.9	4.9	21	0.1	0.7	0.1	51	0.24	0.033	13
1459804	10.6	64	0.1	49.1	14.8	350	3.25	18.4	1	3.2	7.2	26	0.05	1	0.2	67	0.31	0.019	28
1459805	9.5	65	0.1	36	13.7	393	3.91	47.3	1.3	3	8.8	39	0.05	0.5	0.05	100	0.37	0.066	25
1459806	10.8	60	0.05	22	9.8	369	3.1	11	1	0.9	9.6	24	0.05	0.6	0.1	55	0.27	0.055	23
1459807	12.5	63	0.05	27.9	11.7	292	3.42	17.2	1	1	10.6	20	0.05	0.7	0.2	55	0.2	0.029	23
1459808	10	56	0.1	23.6	13.3	520	2.8	7.1	0.5	8	6.4	20	0.05	0.3	0.05	50	0.26	0.031	11
1459809	7.9	41	0.1	16.4	10	339	2.24	7	0.5	0.25	5.4	20	0.05	0.4	0.1	41	0.23	0.023	12
1459810	12.1	57	0.05	25.3	11.6	295	3.12	10.6	0.6	1.7	5.8	21	0.05	0.6	0.2	51	0.21	0.018	13
1459811	18.5	72	0.1	24.3	12.4	798	3.4	8.3	1.1	0.25	12.3	29	0.05	0.2	0.3	39	0.56	0.064	17
1459812	25.1	84	0.05	34.9	14	445	4.36	7.6	2.8	2.2	29.6	39	0.05	0.3	0.4	37	0.37	0.07	73
1459813	12.2	62	0.05	29	13.4	284	3.28	7.1	0.7	0.7	7.6	20	0.05	0.4	0.2	52	0.2	0.027	15
1459814	19.3	79	0.05	35.7	13.8	318	4.37	9.5	2.2	1.7	29.4	16	0.05	0.4	0.3	46	0.23	0.053	42
1459815	14	77	0.05	32.8	14.3	378	4.65	5	2.8	3.2	31.6	25	0.05	0.3	0.4	50	0.26	0.05	92
1459816	22.7	73	0.05	28.7	11.8	386	3.79	5.5	2	4.3	32.9	22	0.05	0.4	0.4	25	0.28	0.052	111
1459817	17.5	67	0.05	34.5	14.7	364	4.09	2.9	2.5	8.7	27.8	75	0.05	0.2	0.3	41	0.57	0.055	72
1459818	17.4	70	0.05	31.7	13.2	456	4.05	5	2.2	2	26.3	38	0.05	0.4	0.4	45	0.38	0.064	67
1459819	17.8	73	0.05	30.7	11.8	356	3.68	5.9	1	3.3	17.7	32	0.05	0.5	0.3	45	0.21	0.032	40
1459820	17.2	80	0.05	28.7	12.9	339	3.8	4.5	1.9	3.8	25	58	0.05	0.2	0.4	39	0.41	0.049	60
1459821	14.1	64	0.1	24	11.4	397	3	8.7	0.8	1	9.2	29	0.05	0.5	0.2	49	0.21	0.025	17
1459822	13.6	86	0.2	24.7	13	259	3.45	5.3	0.5	1.3	7	18	0.1	0.3	0.2	49	0.17	0.032	12
1459823	14.1	66	0.05	24.2	11.6	286	3.28	6.8	0.7	0.25	9.7	26	0.05	0.4	0.3	45	0.18	0.02	11
1459824	17.5	81	0.1	21.6	11.3	407	3.29	6.4	0.7	0.6	6.1	28	0.05	0.3	0.3	48	0.28	0.032	11
1459825	16.1	67	0.05	20.5	9.6	275	3.13	5.5	0.7	1	5.3	25	0.05	0.2	0.3	47	0.25	0.028	10
1460201	15.9	65	0.05	23.2	11.2	289	3.15	8.4	0.6	0.25	7.4	27	0.05	0.3	0.2	40	0.21	0.034	13
1460202	16.4	66	0.05	24.5	10.2	320	3.17	7	1.5	1.5	15	45	0.05	0.4	0.2	35	0.39	0.047	48
1460203	13.4	65	0.1	28.4	11.8	344	3.29	6.7	0.8	0.9	7.7	30	0.05	0.3	0.2	47	0.26	0.04	25



sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1459146	102	1.28	545	0.069	0	2.24	0.024	0.04	0.4	0.02	8.5	0.05	0.025	8	0.25	0.1
1459147	122	1.22	1380	0.197	0	2.85	0.025	0.47	0.4	0.005	2.8	0.2	0.025	8	0.25	0.1
1459148	50	1.16	1238	0.126	0	2.73	0.04	0.1	0.3	0.02	6.5	0.05	0.025	8	0.25	0.1
1459149	34	0.89	1383	0.179	0	2.16	0.013	0.41	0.9	0.005	5.1	0.3	0.025	8	0.25	0.1
1459150	33	0.91	1352	0.191	0	2.33	0.01	0.49	0.8	0.01	4.6	0.3	0.025	8	0.25	0.1
1459801	109	1.04	450	0.126	1	1.84	0.009	0.37	0.2	0.005	3.8	0.2	0.025	6	0.25	0.1
1459802	48	0.63	392	0.077	0	1.54	0.008	0.17	0.1	0.005	3.3	0.05	0.025	5	0.25	0.1
1459803	38	0.5	326	0.075	1	1.53	0.008	0.16	0.2	0.01	5	0.05	0.025	4	0.25	0.1
1459804	61	0.91	298	0.113	2	2.01	0.011	0.25	0.2	0.03	7.6	0.2	0.025	6	0.25	0.1
1459805	76	1.58	408	0.175	0	3.06	0.018	1.11	0.2	0.02	9.7	0.4	0.025	10	0.25	0.1
1459806	36	0.61	296	0.104	0	1.85	0.009	0.35	0.2	0.02	6.3	0.2	0.025	6	0.25	0.1
1459807	41	0.61	203	0.131	0	2.05	0.006	0.37	0.2	0.02	5	0.2	0.025	6	0.25	0.1
1459808	56	0.72	279	0.139	0	2.09	0.01	0.34	0.2	0.005	4.6	0.3	0.025	8	0.25	0.1
1459809	29	0.44	222	0.075	0	1.24	0.009	0.2	0.1	0.005	3.6	0.1	0.025	4	0.25	0.1
1459810	36	0.56	240	0.094	0	1.85	0.007	0.27	0.1	0.01	3.3	0.2	0.025	5	0.25	0.1
1459811	36	0.8	246	0.192	1	2.26	0.008	0.96	0.05	0.02	3.8	0.4	0.025	7	0.25	0.1
1459812	39	0.9	298	0.21	0	2.68	0.019	1.06	0.05	0.01	5.6	0.6	0.025	8	0.25	0.1
1459813	71	0.82	292	0.108	0	1.9	0.008	0.47	0.1	0.005	4.3	0.3	0.025	6	0.25	0.1
1459814	42	0.87	251	0.181	0	2.42	0.01	0.82	0.1	0.02	6.8	0.4	0.025	8	0.25	0.1
1459815	42	0.97	310	0.276	0	2.67	0.015	1.22	0.05	0.02	7.2	0.5	0.025	9	0.6	0.1
1459816	28	0.57	195	0.054	0	2.11	0.008	0.51	0.05	0.005	3.9	0.2	0.025	6	0.25	0.1
1459817	41	0.96	427	0.196	0	3.16	0.062	1	0.05	0.04	6	0.3	0.025	9	0.5	0.1
1459818	40	0.89	310	0.227	0	2.45	0.02	0.97	0.1	0.01	5.5	0.6	0.025	8	0.25	0.1
1459819	39	0.79	297	0.204	0	2.33	0.021	0.89	0.1	0.02	5.5	0.5	0.025	7	0.25	0.1
1459820	37	0.87	254	0.198	0	2.62	0.027	0.98	0.05	0.02	5.9	0.6	0.025	8	0.25	0.1
1459821	34	0.57	244	0.098	1	1.84	0.007	0.35	0.1	0.01	3.8	0.2	0.025	6	0.25	0.1
1459822	34	0.72	232	0.112	1	2.14	0.006	0.39	0.1	0.005	3.2	0.3	0.025	7	0.25	0.1
1459823	33	0.71	217	0.158	1	2.1	0.007	0.63	0.1	0.005	3.6	0.3	0.025	6	0.25	0.1
1459824	31	0.63	226	0.133	1	2.19	0.009	0.48	0.1	0.005	2.9	0.3	0.025	8	0.25	0.1
1459825	29	0.6	205	0.14	0	2.03	0.009	0.48	0.05	0.005	2.8	0.3	0.025	7	0.25	0.1
1460201	32	0.66	233	0.159	0	2.35	0.01	0.56	0.05	0.01	3.1	0.3	0.025	6	0.25	0.1
1460202	32	0.75	274	0.156	0	2.48	0.033	0.68	0.1	0.02	5.7	0.4	0.025	7	0.25	0.1
1460203	41	0.76	258	0.171	0	2.36	0.009	0.72	0.2	0.02	4.1	0.4	0.025	8	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1460204	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616384	7032631	-138.6697301	63.40320406		829
1460205	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616408	7032634	-138.6692478	63.40322313		832
1460206	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616438	7032632	-138.6686492	63.40319541		838
1460207	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616459	7032636	-138.6682263	63.40322442		838
1460208	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616485	7032632	-138.6677091	63.40318006		842
1460209	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616509	7032631	-138.6672298	63.40316325		843
1460210	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616536	7032631	-138.6666897	63.40315443		842
1460211	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616559	7032634	-138.6662275	63.40317382		843
1460212	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616586	7032633	-138.6656882	63.40315603		843
1460213	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616609	7032634	-138.6652274	63.40315748		844
1460214	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616636	7032634	-138.6646873	63.40314865		842
1460215	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616663	7032633	-138.664148	63.40313085		837
1460216	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616686	7032636	-138.6636857	63.40315023		833
1460217	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616711	7032632	-138.6631886	63.40310618		827
1460218	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616735	7032631	-138.6627093	63.40308936		821
1460219	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616761	7032632	-138.6621885	63.40308982		813
1460219	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616761	7032632	-138.6621885	63.40308982		813
1460220	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616784	7032633	-138.6617277	63.40309126		809
1460221	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616809	7032630	-138.6612298	63.40305617		804
1460222	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616836	7032629	-138.6606905	63.40303836		794
1460223	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616885	7032633	-138.6597075	63.40305817		780
1460224	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616860	7032632	-138.6602083	63.4030574		788
1460225	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616860	7032632	-138.6602083	63.4030574	1460224	788
1460226	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616911	7032631	-138.6591889	63.40303172		770
1460227	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616940	7032630	-138.6586096	63.40301324		767
1460228	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616962	7032630	-138.6581695	63.40300603		768
1460229	BHC	Nick McKay NM01	10/24/2016 0:00	07N	616984	7032635	-138.6577258	63.40304365		768
1460230	BHC	Nick McKay NM01	10/24/2016 0:00	07N	617009	7032630	-138.6572369	63.4029901		767
1460231	BHC	Nick McKay NM01	10/24/2016 0:00	07N	617037	7032631	-138.6566686	63.4029904		764
1460232	BHC	Nick McKay NM01	10/24/2016 0:00	07N	617060	7032630	-138.6562093	63.40297388		759
1460233	BHC	Nick McKay NM01	10/25/2016 0:00	07N	614192	7033388	-138.7130358	63.41070107		845
1460234	BHC	Nick McKay NM01	10/25/2016 0:00	07N	614168	7033391	-138.7135138	63.41073566		851
1460235	BHC	Nick McKay NM01	10/25/2016 0:00	07N	614143	7033391	-138.714014	63.41074366		858

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1460204	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1460205	Auger	40	B	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1460206	Auger	70	C	Subtle Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Sand
1460207	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1460208	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1460209	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1460210	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1460211	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1460212	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1460213	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1460214	Auger	90	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1460215	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1460216	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1460217	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1460218	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1460219	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1460219	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1460220	Auger	80	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1460221	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1460222	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1460223	Auger	60	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Good	Sand
1460224	Auger	80	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1460225	Auger	80	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1460226	Auger	50	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Good	Sand
1460227	Auger	80	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Good	Sand
1460228	Auger	50	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Good	Sand
1460229	Auger	50	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Good	Sand
1460230	Auger	40	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Good	Sand
1460231	Auger	40	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Good	Sand
1460232	Auger	40	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1460233	Auger	90	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1460234	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1460235	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1460204	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.6	25.5
1460205	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.8	12.6
1460206	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.8	13.4
1460207	Coarse	Clay		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.6	24.8
1460208	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.5	23.5
1460209	Coarse	Clay		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.7	17.8
1460210	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.7	26.5
1460211	Coarse	Clay		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.7	19.4
1460212	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.5	50.4
1460213	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.8	17.2
1460214	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.3	38.2
1460215	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.9	13.6
1460216	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.9	13.6
1460217	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.6	30.5
1460218	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.5	22.1
1460219	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.8	35.8
1460219	Clay	Coarse		REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.7	34.8
1460220	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.4	42.8
1460221	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.4	22.7
1460222	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.4	27.2
1460223	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.4	15.1
1460224	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.5	21.5
1460225	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.5	21
1460226	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.5	18.7
1460227	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.7	29.4
1460228	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1	13.4
1460229	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.8	21.1
1460230	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.7	22.9
1460231	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.8	12.4
1460232	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.9	13.7
1460233	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.2	30.1
1460234	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.9	149.6
1460235	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	22.6

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1460204	12.8	63	0.05	22.9	10.8	249	3.08	7.9	2.3	2.8	12.7	22	0.05	0.6	0.2	46	0.22	0.025	58
1460205	10.6	42	0.2	18.5	13.6	669	2.67	5.6	0.4	1.5	3.6	27	0.05	0.4	0.2	48	0.25	0.047	13
1460206	12.2	52	0.05	21	9.9	225	2.74	7.8	0.5	1.1	4.8	21	0.1	0.5	0.2	48	0.18	0.026	12
1460207	13.3	66	0.05	28.6	12.7	266	3.38	5.2	0.7	0.25	7	47	0.05	0.3	0.2	43	0.3	0.035	15
1460208	11.4	57	0.05	24.1	10.2	238	3.07	7.6	1.5	0.6	19.3	22	0.05	0.4	0.2	40	0.18	0.018	43
1460209	12.1	55	0.1	24.1	10.8	298	2.92	7.5	0.5	1.3	7.1	18	0.05	0.5	0.2	44	0.19	0.021	13
1460210	16.1	63	0.2	26.1	11.4	247	3.04	10.7	1.1	7.7	11.1	20	0.05	0.6	0.2	45	0.19	0.016	35
1460211	25.8	68	0.7	25	12.4	357	3.34	5.8	0.9	0.6	8.2	19	0.05	0.3	0.3	40	0.23	0.032	12
1460212	15.7	90	0.1	34.3	17	399	4.31	7.5	1.5	0.25	13.8	75	0.05	0.2	0.4	43	0.3	0.053	15
1460213	17.6	65	0.8	22.2	10.8	202	2.77	8	0.8	4	9.4	14	0.05	0.5	0.2	45	0.12	0.019	30
1460214	19.2	76	0.05	29.6	15.4	206	3.61	5.6	1.7	0.9	22.2	27	0.05	0.2	0.3	30	0.24	0.017	74
1460215	11	52	0.1	20.7	10.7	233	2.88	6.9	0.4	0.9	6.2	14	0.05	0.4	0.2	47	0.11	0.023	11
1460216	11.8	62	0.05	21.3	14	451	2.92	6.2	0.5	0.6	6.6	14	0.05	0.4	0.2	48	0.12	0.019	10
1460217	12.2	69	0.05	34.2	13.3	361	3.35	7.2	0.6	0.25	9	15	0.05	0.3	0.2	46	0.12	0.013	10
1460218	16.9	70	0.05	23.8	11.7	286	3.3	4.6	0.8	0.25	10.1	14	0.05	0.3	0.2	40	0.12	0.016	13
1460219	10.1	59	0.05	27.7	10.1	241	2.73	9.3	1.3	2.7	10.3	20	0.05	0.7	0.2	45	0.21	0.014	39
1460219	10.2	58	0.05	28.5	10.1	243	2.75	9	1.3	3.7	10.7	20	0.05	0.6	0.2	45	0.21	0.014	38
1460220	10.3	74	0.05	35.6	15.4	115	3.92	3	1.4	0.25	16.1	9	0.05	0.2	0.2	30	0.11	0.04	27
1460221	11.2	64	0.05	26.2	12.6	224	2.89	4.4	0.9	0.25	13.4	18	0.05	0.3	0.3	37	0.19	0.018	32
1460222	15.8	91	0.05	34.8	16.4	421	3.88	3.1	1.2	0.25	14.7	12	0.05	0.2	0.4	44	0.14	0.037	34
1460223	11.3	56	0.05	18.5	8.8	257	2.7	6.1	0.7	3.5	8.5	19	0.05	0.3	0.2	37	0.18	0.023	15
1460224	10.9	63	0.05	22.6	10.2	223	2.82	5.4	1	1.1	11.5	19	0.05	0.3	0.2	37	0.21	0.024	41
1460225	10.9	64	0.05	22.6	10.3	219	2.82	5	0.9	0.25	10.5	18	0.05	0.3	0.2	38	0.2	0.027	34
1460226	14.5	60	0.1	20.5	9.8	283	2.72	6.2	1.2	1.2	8.9	26	0.05	0.4	0.2	39	0.28	0.027	27
1460227	8.1	53	0.1	24.5	8.6	359	2.29	10.6	0.7	2.2	5.4	30	0.2	0.7	0.2	43	0.45	0.076	18
1460228	11.9	58	0.1	17.6	8.5	257	2.53	7.5	0.8	2	7.1	17	0.1	0.5	0.2	49	0.19	0.028	15
1460229	13.3	71	0.1	20.7	9.7	285	2.96	10.6	1.5	2.8	15.2	13	0.05	0.6	0.3	45	0.15	0.047	39
1460230	12.1	53	0.2	35.3	13.6	505	2.43	6	1.3	1	10.2	17	0.05	0.5	0.3	49	0.25	0.033	25
1460231	11.3	48	0.2	18.9	10.2	496	2.36	9.2	0.7	13.4	6.4	23	0.1	0.5	0.2	47	0.24	0.024	18
1460232	10	46	0.2	19.5	9.6	368	2.33	8	0.6	1	5.8	22	0.05	0.5	0.2	47	0.24	0.036	16
1460233	3.5	33	0.05	10.2	15.2	139	2.23	2.3	0.6	3.2	3.2	155	0.05	0.05	0.05	69	1.51	0.186	11
1460234	6.7	62	0.1	58.5	24.8	168	4.25	6.1	0.7	10.2	5.3	121	0.05	0.4	0.1	163	0.89	0.016	19
1460235	6.5	32	0.05	27.9	13.3	220	2.17	4	0.2	0.25	2.1	37	0.05	0.2	0.1	52	0.49	0.01	6

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1460204	35	0.64	215	0.135	0	1.99	0.009	0.34	0.1	0.03	6.4	0.3	0.025	6	0.25	0.1
1460205	28	0.46	289	0.089	0	1.77	0.009	0.19	0.1	0.02	3	0.2	0.025	6	0.25	0.1
1460206	30	0.51	183	0.088	0	1.84	0.007	0.25	0.1	0.02	2.9	0.2	0.025	6	0.25	0.1
1460207	36	0.75	309	0.172	0	2.65	0.016	0.78	0.05	0.01	3.7	0.5	0.025	7	0.25	0.1
1460208	33	0.68	167	0.148	0	2.11	0.01	0.57	0.1	0.01	4.5	0.3	0.025	6	0.25	0.1
1460209	33	0.59	192	0.104	0	1.8	0.006	0.33	0.1	0.02	3.3	0.2	0.025	5	0.25	0.1
1460210	35	0.57	212	0.092	0	1.82	0.008	0.27	0.2	0.03	5.4	0.2	0.025	6	0.25	0.1
1460211	31	0.65	175	0.081	0	2.08	0.007	0.33	0.05	0.02	2.6	0.2	0.025	6	0.25	0.1
1460212	40	0.89	300	0.248	0	3.24	0.014	1.18	0.05	0.02	4	0.6	0.025	9	0.25	0.1
1460213	31	0.5	158	0.069	0	1.78	0.006	0.18	0.1	0.03	3.5	0.2	0.025	5	0.25	0.1
1460214	33	0.84	140	0.101	0	2.42	0.015	0.68	0.05	0.02	6.1	0.5	0.025	7	0.25	0.1
1460215	31	0.53	199	0.121	0	1.91	0.005	0.35	0.1	0.03	3.1	0.2	0.025	6	0.25	0.1
1460216	33	0.57	274	0.13	0	1.9	0.006	0.35	0.1	0.02	3.3	0.2	0.025	6	0.25	0.1
1460217	39	0.84	234	0.186	0	2.21	0.006	0.67	0.1	0.01	4.7	0.5	0.025	7	0.25	0.1
1460218	35	0.68	168	0.122	0	2.11	0.008	0.44	0.05	0.01	3.3	0.3	0.025	7	0.25	0.1
1460219	32	0.59	261	0.101	0	1.63	0.013	0.18	0.1	0.05	6.7	0.2	0.025	5	0.25	0.1
1460219	32	0.6	262	0.103	0	1.65	0.013	0.18	0.1	0.05	6.8	0.2	0.025	5	0.25	0.1
1460220	29	0.85	129	0.138	0	2.37	0.007	0.86	0.05	0.01	3.5	0.7	0.025	7	0.25	0.1
1460221	32	0.71	204	0.155	0	2	0.008	0.61	0.1	0.02	4.5	0.4	0.025	6	0.25	0.1
1460222	47	1.09	214	0.243	0	2.89	0.008	1.21	0.05	0.005	5.9	0.7	0.025	10	0.25	0.1
1460223	28	0.62	179	0.148	0	1.72	0.008	0.54	0.05	0.005	3.5	0.4	0.025	6	0.25	0.1
1460224	29	0.67	222	0.13	0	1.81	0.008	0.49	0.05	0.02	4.5	0.4	0.025	6	0.25	0.1
1460225	30	0.66	198	0.132	0	1.78	0.008	0.49	0.05	0.02	3.9	0.4	0.025	6	0.25	0.1
1460226	30	0.64	236	0.141	0	1.86	0.009	0.41	0.1	0.03	3.7	0.3	0.025	6	0.25	0.1
1460227	25	0.5	288	0.062	0	1.09	0.02	0.07	0.3	0.04	3.9	0.05	0.025	4	0.25	0.1
1460228	28	0.44	232	0.059	0	1.64	0.006	0.16	0.2	0.02	3.5	0.1	0.025	6	0.25	0.1
1460229	34	0.56	160	0.073	0	1.72	0.005	0.3	0.2	0.02	5.9	0.3	0.025	6	0.25	0.1
1460230	116	0.67	273	0.084	1	1.7	0.007	0.16	0.2	0.02	4.5	0.2	0.025	6	0.25	0.1
1460231	27	0.4	373	0.043	0	1.53	0.006	0.1	0.2	0.01	3.8	0.1	0.025	5	0.25	0.1
1460232	28	0.4	292	0.049	0	1.49	0.006	0.11	0.2	0.02	3.8	0.1	0.025	5	0.25	0.1
1460233	10	0.9	599	0.135	1	4.07	0.197	0.2	0.05	0.02	3.9	0.2	0.025	9	0.25	0.1
1460234	109	1.49	298	0.1	0	5.24	0.096	0.05	0.4	0.04	6.8	0.05	0.025	16	0.8	0.2
1460235	42	0.8	276	0.138	0	2.43	0.027	0.04	0.2	0.01	2.5	0.05	0.025	6	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1460236	BHC	Nick McKay NM01	10/25/2016 0:00	07N	614117	7033389	-138.7145357	63.41073405		863
1460237	BHC	Nick McKay NM01	10/25/2016 0:00	07N	614092	7033393	-138.715033	63.41077792		872
1460238	BHC	Nick McKay NM01	10/25/2016 0:00	07N	614067	7033387	-138.7155375	63.41073211		872
1460239	BHC	Nick McKay NM01	10/25/2016 0:00	07N	614042	7033389	-138.7160363	63.41075804		873
1460240	BHC	Nick McKay NM01	10/25/2016 0:00	07N	614015	7033390	-138.7165758	63.41077565		874
1460241	BHC	Nick McKay NM01	10/25/2016 0:00	07N	613993	7033390	-138.717016	63.41078268		870
1460242	BHC	Nick McKay NM01	10/25/2016 0:00	07N	613963	7033390	-138.7176162	63.41079227		865
1460243	BHC	Nick McKay NM01	10/25/2016 0:00	07N	613943	7033387	-138.7180185	63.41077176		858
1460244	BHC	Nick McKay NM01	10/25/2016 0:00	07N	613919	7033389	-138.7184973	63.41079736		851
1460245	BHC	Nick McKay NM01	10/25/2016 0:00	07N	613893	7033389	-138.7190175	63.41080567		848
1460246	BHC	Nick McKay NM01	10/25/2016 0:00	07N	613865	7033388	-138.7195785	63.41080564		842
1460247	BHC	Nick McKay NM01	10/25/2016 0:00	07N	613844	7033388	-138.7199987	63.41081235		833
1460248	BHC	Nick McKay NM01	10/25/2016 0:00	07N	613817	7033389	-138.7205382	63.41082994		827
1460248	BHC	Nick McKay NM01	10/25/2016 0:00	07N	613817	7033389	-138.7205382	63.41082994		827
1460249	BHC	Nick McKay NM01	10/25/2016 0:00	07N	613767	7033392	-138.7215365	63.4108728		812
1460250	BHC	Nick McKay NM01	10/25/2016 0:00	07N	613767	7033392	-138.7215365	63.4108728	1460249	812
1462101	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	614042	7033189	-138.716179	63.40896452		815
1462102	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	614017	7033188	-138.7166799	63.40896354		812
1462103	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	613993	7033189	-138.7171594	63.40898018		809
1462104	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	613965	7033188	-138.7177203	63.40898017		806
1462105	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	613941	7033188	-138.7182004	63.40898784		802
1462106	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	613916	7033188	-138.7187006	63.40899582		798
1462107	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	613890	7033189	-138.7192201	63.4090131		795
1462108	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	613867	7033189	-138.7196802	63.40902044		795
1462109	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	613841	7033189	-138.7202004	63.40902874		796
1462110	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	613816	7033189	-138.7207006	63.40903672		798
1462111	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	613792	7033188	-138.7211815	63.40903541		794
1462112	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	613767	7033189	-138.721681	63.40905236		793
1462113	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	613741	7033189	-138.7222012	63.40906065		789
1462114	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	613717	7033188	-138.722682	63.40905934		790
1462115	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	613692	7033188	-138.7231822	63.40906731		789
1462116	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	613666	7033188	-138.7237024	63.4090756		788
1462117	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	613616	7033189	-138.7247021	63.4091005		783

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1460236	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1460237	Auger	30	B	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Good	Sand
1460238	Auger	50	C	Subtle Slope	Chocolate Brown	Alders	Thin Moss Cover	Damp	Good	Sand
1460239	Auger	40	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Good	Sand
1460240	Auger	40	B	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Good	Sand
1460241	Auger	30	B	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Good	Sand
1460242	Auger	40	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Good	Sand
1460243	Auger	40	A	Pronounced Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Good	Sand
1460244	Auger	60	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Good	Sand
1460245	Auger	50	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Good	Sand
1460246	Auger	60	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Good	Sand
1460247	Auger	40	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Good	Sand
1460248	Auger	40	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Good	Sand
1460248	Auger	40	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Good	Sand
1460249	Auger	60	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Good	Sand
1460250	Auger	60	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Good	Sand
1462101	Auger	40	B	Pronounced Slope	Chocolate Brown	White Spruce	Leaf Cover	Dry	Good	Silt
1462102	Auger	40	B	Pronounced Slope	Chocolate Brown	White Spruce	Sphagnum Moss <	Dry	Good	Silt
1462103	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1462104	Auger	50	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1462105	Auger	60	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1462106	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1462107	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1462108	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Good	Silt
1462109	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1462110	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1462111	Auger	50	C	Pronounced Slope	Reddish Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1462112	Auger	60	B	Pronounced Slope	Light Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1462113	Auger	60	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Silt
1462114	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Leaf Cover	Dry	Good	Silt
1462115	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1462116	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1462117	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Sand



sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1460236	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	21.8
1460237	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.2	12.1
1460238	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	13.7
1460239	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.2	14.7
1460240	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	14.7
1460241	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.7	17
1460242	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1	20
1460243	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	16.4
1460244	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.3	32
1460245	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.9	14.8
1460246	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.3	95.1
1460247	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	34.7
1460248	Coarse	Clay		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	38.5
1460248	Coarse	Clay		REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	37
1460249	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	29.3
1460250	Clay	Coarse		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	26.9
1462101	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	21.9
1462102	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	48.3
1462103	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	53.6
1462104	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.4	50.1
1462105	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.3	53.8
1462106	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.7	40.6
1462107	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	24.6
1462108	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	38.7
1462109	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.2	52.4
1462110	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.3	51.7
1462111	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.2	77.6
1462112	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	30.6
1462113	Clay			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	30
1462114	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	29.8
1462115	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.7	21.7
1462116	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.3	37.7
1462117	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.2	24.3

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1460236	7.3	28	0.05	25.4	13.9	164	1.93	5.4	0.3	0.6	2.3	59	0.05	0.3	0.1	42	0.53	0.016	7
1460237	5.3	20	0.05	13.3	11.3	176	1.42	2	0.2	0.5	1.1	75	0.05	0.1	0.1	33	0.83	0.016	4
1460238	8	42	0.05	19.9	11.9	326	2.28	5.3	0.4	1.8	3.2	46	0.05	0.3	0.1	49	0.42	0.027	10
1460239	6.2	33	0.05	21.7	12.3	246	1.95	2.4	0.4	0.8	3.5	101	0.05	0.1	0.05	41	0.8	0.038	9
1460240	8.2	41	0.05	20.7	14.4	328	2.3	5.3	0.4	0.7	2.7	39	0.05	0.4	0.2	56	0.39	0.022	9
1460241	8	66	0.05	23.8	17.8	329	2.17	5.7	0.4	0.6	1.6	47	0.05	0.2	0.1	48	0.55	0.07	6
1460242	9.5	48	0.05	24	10.7	338	2.43	9.9	0.5	0.25	3.7	25	0.05	0.6	0.2	53	0.29	0.024	11
1460243	9.1	48	0.1	22.6	12.8	316	2.12	5.2	0.4	0.6	2.7	80	0.05	0.3	0.1	47	0.65	0.05	9
1460244	4.4	36	0.05	51.6	15.5	338	2.56	3	0.6	1	2.9	52	0.05	0.2	0.05	63	0.7	0.067	12
1460245	8.7	45	0.1	19	9.6	223	1.87	4.6	0.3	0.6	1.7	36	0.2	0.3	0.2	48	0.37	0.034	9
1460246	5.5	39	0.05	76.2	21.4	383	3.28	3.6	0.6	2.8	3	72	0.05	0.4	0.05	52	0.53	0.021	14
1460247	6.9	38	0.1	50.2	15.8	370	2.15	4.2	0.5	0.5	2.4	39	0.05	0.3	0.1	43	0.41	0.021	9
1460248	6	37	0.2	36.5	12.5	253	2.17	2.3	0.7	0.7	3.1	42	0.1	0.1	0.05	49	0.52	0.068	12
1460248	6.6	35	0.2	35.3	12.5	250	2.14	2.3	0.7	0.25	3	43	0.1	0.2	0.05	48	0.52	0.067	11
1460249	7.4	39	0.05	43.2	12.4	192	2.19	6	0.5	1.6	2.7	26	0.05	0.4	0.1	46	0.28	0.037	10
1460250	7.1	37	0.05	40.9	11.7	195	2.14	5.7	0.5	1	2.6	25	0.05	0.4	0.1	46	0.28	0.033	10
1462101	8	36	0.1	56.5	14.7	210	2.28	5	0.3	0.9	2.5	18	0.05	0.3	0.1	47	0.26	0.016	9
1462102	8.8	40	0.05	118	18.9	278	2.77	6.5	0.4	3.5	3.2	24	0.05	0.4	0.1	52	0.36	0.031	8
1462103	8.8	43	0.05	136.1	20.4	280	3.05	6.7	0.4	1.6	3.6	19	0.05	0.3	0.1	57	0.32	0.024	10
1462104	6.3	46	0.05	58.2	18.7	194	2.98	6.6	0.4	1	2.4	41	0.05	0.3	0.05	79	0.55	0.132	8
1462105	6.1	38	0.05	63.8	15.2	188	2.81	4.9	0.5	0.9	3.7	48	0.05	0.3	0.1	54	0.51	0.053	11
1462106	9	51	0.05	43.2	12.9	291	2.63	9.5	0.7	1.2	4.5	20	0.05	0.5	0.3	48	0.25	0.035	13
1462107	7.4	41	0.1	40.2	13.9	257	2.57	5.8	0.5	0.7	3.3	34	0.05	0.3	0.1	48	0.42	0.066	12
1462108	7.3	34	0.2	34.6	15.6	157	2.33	5.3	0.4	1.2	1.6	56	0.05	0.3	0.3	45	0.32	0.049	7
1462109	4.4	37	0.05	71.7	19.7	212	2.54	3.6	0.4	0.6	4	50	0.05	0.2	0.05	49	0.53	0.024	14
1462110	4.9	27	0.05	52.2	14	127	2.05	5.8	0.3	3.4	2.7	58	0.05	0.2	0.05	40	0.36	0.021	7
1462111	3.8	33	0.05	50.8	20.5	207	2.72	5.8	0.5	1.7	3.9	33	0.05	0.2	0.1	86	0.56	0.086	10
1462112	8	47	0.05	26.9	9.8	178	2.59	10.3	1.3	4.4	5.3	29	0.05	0.6	0.2	52	0.32	0.047	16
1462113	7.6	53	0.05	48.9	15.9	209	2.6	7	0.8	4.8	5.2	30	0.05	0.4	1.1	51	0.31	0.042	17
1462114	7.2	39	0.05	36.5	13.2	168	2.48	8.1	0.4	2	3	38	0.05	0.4	0.2	56	0.37	0.049	9
1462115	8.3	47	0.1	36.4	11.3	212	2.64	10.1	0.4	2.2	3.5	25	0.05	0.6	0.2	51	0.23	0.051	10
1462116	6.6	48	0.05	59.7	21.7	364	3.42	6.5	0.5	3.4	4.2	68	0.05	0.2	1.6	80	0.61	0.047	12
1462117	3.7	27	0.05	53.5	14.1	157	1.83	2.6	0.4	0.7	3.5	71	0.05	0.1	0.1	38	0.5	0.04	11

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1460236	40	0.58	323	0.055	0	2.98	0.041	0.04	0.2	0.005	2.3	0.05	0.025	6	0.25	0.1
1460237	30	0.63	256	0.028	0	3.21	0.046	0.04	0.2	0.005	2.1	0.05	0.025	6	0.25	0.1
1460238	34	0.53	242	0.05	0	2.38	0.011	0.08	0.1	0.01	3.2	0.05	0.025	6	0.25	0.1
1460239	48	0.87	285	0.067	1	3.51	0.032	0.15	0.2	0.01	3.7	0.05	0.025	7	0.25	0.1
1460240	37	0.55	256	0.05	1	2.99	0.012	0.08	0.3	0.02	3.8	0.05	0.025	7	0.25	0.1
1460241	35	0.66	212	0.078	2	4.7	0.03	0.07	0.4	0.02	2.3	0.05	0.025	9	0.25	0.1
1460242	34	0.49	284	0.044	1	2.52	0.009	0.06	0.4	0.01	3.3	0.1	0.025	6	0.25	0.1
1460243	37	0.47	428	0.046	1	3.29	0.065	0.06	0.1	0.02	3.1	0.05	0.025	7	0.25	0.1
1460244	147	1.38	346	0.158	0	2.4	0.028	0.11	0.1	0.01	4.7	0.05	0.025	7	0.25	0.1
1460245	35	0.45	349	0.047	0	1.97	0.011	0.04	0.1	0.01	2.5	0.05	0.025	6	0.25	0.1
1460246	172	2.3	477	0.039	0	2.72	0.023	0.03	0.05	0.005	8.6	0.05	0.025	6	0.25	0.1
1460247	89	0.89	388	0.06	0	2.07	0.019	0.05	0.1	0.01	3	0.1	0.025	5	0.25	0.1
1460248	54	0.87	419	0.12	1	1.95	0.02	0.24	0.1	0.03	3.3	0.1	0.025	6	0.25	0.1
1460248	56	0.87	435	0.115	0	1.91	0.02	0.24	0.1	0.03	3.2	0.1	0.025	6	0.25	0.1
1460249	51	0.64	258	0.062	0	1.74	0.011	0.04	0.1	0.01	2.5	0.05	0.025	5	0.25	0.1
1460250	47	0.63	251	0.058	0	1.7	0.011	0.04	0.05	0.005	2.2	0.05	0.025	4	0.25	0.1
1462101	102	0.88	380	0.076	0	1.53	0.009	0.09	0.2	0.005	2.3	0.05	0.025	4	0.25	0.1
1462102	65	1.15	351	0.088	0	1.79	0.014	0.13	0.2	0.005	3.1	0.1	0.025	5	0.25	0.1
1462103	140	1.73	423	0.163	1	2.26	0.011	0.21	0.2	0.005	4	0.2	0.025	6	0.25	0.1
1462104	69	1.13	511	0.124	0	2.6	0.024	0.22	0.1	0.01	3.5	0.1	0.025	7	0.25	0.1
1462105	187	1.33	344	0.09	0	2.26	0.021	0.16	0.1	0.005	7	0.05	0.025	6	0.25	0.1
1462106	56	0.62	321	0.066	0	1.57	0.008	0.12	0.1	0.02	5.7	0.05	0.025	4	0.25	0.1
1462107	80	0.82	572	0.069	1	1.69	0.009	0.18	0.1	0.005	3	0.1	0.025	5	0.25	0.1
1462108	42	0.62	455	0.058	1	2.22	0.019	0.14	0.2	0.01	2.3	0.05	0.025	5	0.25	0.1
1462109	109	1.26	614	0.176	0	2.7	0.046	0.23	0.1	0.005	3.6	0.2	0.025	7	0.25	0.1
1462110	70	0.79	198	0.075	0	2.27	0.012	0.05	0.05	0.005	2.8	0.05	0.025	4	0.25	0.1
1462111	111	1.37	285	0.129	0	2.14	0.02	0.17	0.1	0.005	5.9	0.05	0.025	5	0.25	0.1
1462112	41	0.59	234	0.075	0	1.54	0.015	0.08	0.1	0.02	5.7	0.05	0.025	4	0.25	0.1
1462113	123	0.89	324	0.117	0	1.91	0.01	0.14	0.2	0.01	5.1	0.1	0.025	5	0.25	0.1
1462114	48	0.93	355	0.12	0	2.67	0.034	0.3	0.1	0.01	2.8	0.1	0.025	5	0.25	0.1
1462115	68	0.63	242	0.073	0	1.91	0.009	0.11	0.1	0.01	3.3	0.05	0.025	5	0.25	0.1
1462116	154	1.59	321	0.06	0	3.01	0.021	0.05	0.2	0.005	7.1	0.05	0.025	9	0.25	0.1
1462117	134	1.18	205	0.094	0	2	0.023	0.03	0.05	0.005	2.8	0.05	0.025	5	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1462118	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	613590	7033189	-138.7252222	63.40910879		783
1462119	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	613565	7033188	-138.7257231	63.40910778		781
1462120	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	613540	7033188	-138.7262233	63.40911574		775
1462121	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	613515	7033190	-138.7267221	63.40914164		768
1462122	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	613490	7033189	-138.727223	63.40914063		761
1462123	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	613465	7033187	-138.7277246	63.40913065		756
1462176	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	616685	7032431	-138.6638553	63.40131226		796
1462177	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	616710	7032432	-138.6633546	63.40131305		795
1462178	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	616736	7032430	-138.662836	63.40128661		794
1462179	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	616760	7032430	-138.662356	63.40127875		790
1462180	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	616785	7032431	-138.6618552	63.40127953		787
1462181	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	616812	7032431	-138.6613152	63.40127069		785
1462182	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	616836	7032430	-138.6608359	63.40125387		778
1462183	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	616861	7032433	-138.6603337	63.40127258		774
1462184	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	616887	7032431	-138.6598151	63.40124613		768
1462185	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	616911	7032431	-138.6593351	63.40123826		761
1462185	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	616911	7032431	-138.6593351	63.40123826		761
1462186	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	616935	7032431	-138.6588551	63.40123039		754
1462187	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	616963	7032432	-138.6582943	63.40123018		745
1462188	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	616985	7032431	-138.657855	63.401214		738
1462189	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	617011	7032429	-138.6573365	63.40118754		731
1462190	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	617036	7032430	-138.6568357	63.4011883		723
1462191	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	617063	7032431	-138.656295	63.40118841		714
1462192	BHC	Yoann Voyer YV01	10/24/2016 0:00	07N	617081	7032432	-138.6559369	63.4011943		697
1462193	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	614194	7033189	-138.7131379	63.40891587		801
1462194	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	614167	7033188	-138.7136788	63.40891555		807
1462194	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	614167	7033188	-138.7136788	63.40891555		807
1462195	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	614143	7033190	-138.7141576	63.40894117		806
1462196	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	614118	7033187	-138.7146599	63.40892227		806
1462197	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	614092	7033189	-138.7151787	63.40894852		815
1462198	BHC	Yoann Voyer YV01	10/25/2016 0:00	07N	614067	7033189	-138.7156788	63.40895652		812
1462551	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	613591	7033289	-138.7251312	63.41000524		773
1462552	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	613566	7033289	-138.7256314	63.4100132		766

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1462118	Auger	50	C	Pronounced Slope	Reddish Brown	Old Burn	Thin Moss Cover	Dry	Good	Sand
1462119	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1462120	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1462121	Auger	40	C	Pronounced Slope	Reddish Brown	Old Burn	Thin Moss Cover	Dry	Good	Sand
1462122	Auger	60	C	Pronounced Slope	Reddish Orange	Old Burn	Grass Cover	Dry	Good	Silt
1462123	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Dry	Good	Silt
1462176	Auger	40	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Sand
1462177	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1462178	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1462179	Auger	50	C	Pronounced Slope	Reddish Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1462180	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Sand
1462181	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Sand
1462182	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Sand
1462183	Auger	40	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1462184	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Sand
1462185	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Sand
1462185	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Sand
1462186	Auger	50	C	Pronounced Slope	Reddish Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Sand
1462187	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Silt
1462188	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Sand
1462189	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Excellent	Sand
1462190	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Excellent	Sand
1462191	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Sand
1462192	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Silt
1462193	Auger	40	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1462194	Auger	40	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1462194	Auger	40	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1462195	Auger	50	B	Pronounced Slope	Chocolate Brown	Poplar	Leaf Cover	Dry	Good	Silt
1462196	Auger	30	B	Pronounced Slope	Chocolate Brown	White Spruce	Leaf Cover	Dry	Good	Silt
1462197	Auger	40	B	Pronounced Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Dry	Good	Silt
1462198	Auger	40	B	Pronounced Slope	Chocolate Brown	White Spruce	Leaf Cover	Damp	Good	Silt
1462551	Auger	90	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1462552	Auger	100	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1462118	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	27.8
1462119	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	49.7
1462120	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	27.3
1462121	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	67.1
1462122	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.2	43.4
1462123	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.3	41.7
1462176	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.6	23.9
1462177	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	16.6
1462178	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.7	15.4
1462179	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.2	29.2
1462180	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.3	63.6
1462181	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	28
1462182	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.3	17.6
1462183	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.7	17.8
1462184	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	35.4
1462185	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.2	23
1462185	Fine			REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.2	22.4
1462186	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.4	23.4
1462187	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	31.5
1462188	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.2	25.7
1462189	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.3	29.6
1462190	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	31.9
1462191	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.7	35.9
1462192				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.7	20.1
1462193	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	74.1
1462194	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.4	45.2
1462194	Sandy			REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	45.1
1462195	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	22.5
1462196	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.3	28.6
1462197	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	29.1
1462198	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	18.6
1462551				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.2	57.5
1462552				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.2	38.1

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1462118	6.7	44	0.05	20	16.8	215	2.82	5.3	0.8	1.2	5.2	59	0.05	0.2	0.1	64	0.57	0.029	17
1462119	5.7	42	0.05	98.6	26	210	2.87	10.6	0.4	1	1.9	31	0.05	0.2	0.1	53	0.3	0.048	7
1462120	7.6	40	0.05	45	16.4	187	2.68	7.4	0.4	1	2.5	28	0.05	0.3	0.2	66	0.29	0.031	8
1462121	6.8	30	0.05	96.3	23	178	2.86	33.4	0.5	2.7	2.5	41	0.05	0.4	2.9	54	0.27	0.031	5
1462122	4.2	52	0.05	82.5	31.3	371	4.05	9.5	1.3	2	10.9	126	0.05	0.2	0.6	79	0.89	0.062	28
1462123	5.7	27	0.05	53.6	21	171	2.24	5.5	0.5	2	2.6	31	0.05	0.2	0.05	42	0.64	0.053	14
1462176	15.7	77	0.05	39.7	16.2	234	3.5	7.3	1.4	0.8	12.7	21	0.05	0.3	0.3	49	0.23	0.036	19
1462177	14.9	76	0.05	32.4	15.5	303	3.55	5.1	0.7	0.7	6.2	58	0.05	0.2	0.3	47	0.4	0.045	11
1462178	12.2	60	0.05	22	11.1	265	3.09	6	0.5	0.9	5.7	20	0.05	0.3	0.2	50	0.16	0.022	10
1462179	13.5	75	0.05	31.3	13.1	238	3.51	3.6	1.5	0.6	21.9	42	0.05	0.2	0.3	43	0.29	0.045	55
1462180	19.4	88	0.05	37.6	14.7	368	3.93	4.7	0.9	1.1	11.8	22	0.05	0.2	0.4	53	0.22	0.029	12
1462181	19.8	89	0.05	31.7	15.1	510	4.62	5.4	0.9	0.7	13.2	23	0.05	0.2	0.3	69	0.22	0.04	15
1462182	12.4	95	0.05	41.8	15.8	169	4.62	1.8	1.4	0.7	26.5	10	0.05	0.2	0.2	37	0.15	0.033	61
1462183	19.8	85	0.05	28.2	12.6	396	3.53	6.7	1	0.8	10.3	15	0.05	0.4	0.2	49	0.16	0.017	15
1462184	12.4	92	0.05	44.8	18.2	287	4.54	3.8	1.8	2.6	27.7	6	0.05	0.3	0.3	52	0.05	0.011	49
1462185	12.9	70	0.05	32.2	14.5	217	3.59	3.1	1.4	2.4	25.9	13	0.05	0.3	0.2	33	0.28	0.049	51
1462185	12.8	68	0.05	31.4	13.3	216	3.55	3.1	1.4	2.2	25.6	13	0.05	0.3	0.2	33	0.28	0.05	50
1462186	11.8	74	0.05	35.4	16	234	3.64	4.4	0.9	0.9	15.9	13	0.05	0.3	0.2	41	0.18	0.02	35
1462187	11.2	72	0.05	32.7	12.4	306	3.23	6.3	1	1.6	13.8	19	0.05	0.6	0.3	46	0.25	0.024	43
1462188	20.6	74	0.05	28.7	13.2	584	3.35	12.4	1.3	2.3	24.6	13	0.05	0.3	0.3	37	0.27	0.046	62
1462189	19.3	76	0.05	30.4	12.9	408	3.58	6.7	1.6	2.4	22	17	0.05	0.4	0.3	41	0.26	0.033	66
1462190	26.1	76	0.05	30.7	12.8	363	3.65	9.8	2	3.7	18.5	18	0.05	0.8	0.2	43	0.24	0.025	50
1462191	18.3	80	0.05	39.9	16.3	493	3.93	6.6	1.8	2.6	18.3	13	0.05	0.3	0.4	47	0.22	0.039	28
1462192	12.3	54	0.05	23.5	10	235	2.72	7.3	1.4	1.4	8.4	19	0.05	0.5	0.2	45	0.23	0.022	28
1462193	7.4	43	0.2	65.2	32.2	271	3.07	5.8	0.7	0.9	3.8	76	0.05	0.1	0.1	62	0.56	0.073	10
1462194	7.5	36	0.05	110	25.2	164	2.35	4.6	0.3	1.5	1.9	26	0.05	0.2	0.2	55	0.31	0.039	6
1462194	7.4	36	0.05	106.5	24.4	163	2.33	4.6	0.3	1.1	2	26	0.05	0.2	0.2	55	0.31	0.038	6
1462195	9.2	44	0.05	29.9	11.5	265	2.74	8.6	0.8	13.9	6.7	25	0.05	0.4	0.2	53	0.28	0.066	18
1462196	5.7	30	0.05	140.2	27.9	218	3.07	3.3	0.3	0.6	2	22	0.05	0.2	0.05	37	0.38	0.022	6
1462197	7	35	0.05	85.6	18.5	157	2.49	5.5	0.3	0.7	2.4	14	0.05	0.4	0.1	43	0.21	0.016	7
1462198	8.1	41	0.1	63.6	19.8	307	2.31	3.6	0.3	0.25	1.7	19	0.1	0.3	0.1	44	0.27	0.027	7
1462551	5	46	0.05	99.6	19.8	385	3.31	2.8	1.1	5.5	7.9	44	0.05	0.2	0.4	70	0.75	0.113	28
1462552	3.5	23	0.05	76.8	15.9	144	1.82	4.9	0.7	2.5	3.8	47	0.05	0.2	0.3	34	0.53	0.062	13

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1462118	26	1.09	589	0.17	0	2.99	0.058	0.22	0.05	0.005	3.7	0.2	0.025	7	0.25	0.1
1462119	86	1.36	267	0.124	0	3.16	0.022	0.06	0.05	0.01	2.3	0.05	0.025	7	0.25	0.1
1462120	73	0.96	273	0.131	0	2.58	0.011	0.11	0.1	0.005	2.7	0.1	0.025	6	0.25	0.1
1462121	143	1.19	249	0.107	0	2.71	0.015	0.07	0.2	0.005	2.7	0.05	0.025	6	0.25	0.1
1462122	195	2.85	631	0.231	0	3.66	0.041	0.32	0.2	0.005	9.7	0.3	0.025	12	0.25	0.1
1462123	95	1.42	211	0.067	0	1.8	0.025	0.05	0.05	0.005	5.4	0.05	0.025	4	0.25	0.1
1462176	43	0.87	204	0.15	0	2.72	0.009	0.73	0.1	0.005	4.1	0.4	0.025	8	0.25	0.1
1462177	44	0.93	318	0.165	0	3	0.015	0.85	0.05	0.01	4.5	0.5	0.025	9	0.25	0.1
1462178	35	0.62	193	0.165	1	2.07	0.007	0.49	0.1	0.01	3.3	0.3	0.025	7	0.25	0.1
1462179	40	0.86	243	0.219	0	2.6	0.014	1.05	0.05	0.01	6.5	0.5	0.025	7	0.25	0.1
1462180	86	1.11	191	0.147	0	2.43	0.008	0.71	0.05	0.005	4.7	0.3	0.025	8	0.25	0.1
1462181	55	1.2	342	0.339	0	3.02	0.01	1.7	0.05	0.01	7.6	0.7	0.025	10	0.25	0.1
1462182	41	1.23	147	0.219	0	2.8	0.008	1.27	0.05	0.01	5.8	0.8	0.025	9	0.25	0.1
1462183	41	0.78	218	0.19	0	2.22	0.007	0.7	0.1	0.005	4.2	0.4	0.025	7	0.25	0.1
1462184	57	1.21	206	0.271	0	2.99	0.008	1.38	0.05	0.04	8.2	0.7	0.025	11	0.25	0.1
1462185	34	1	191	0.193	0	2.36	0.008	1.05	0.05	0.02	4.4	0.6	0.025	7	0.25	0.1
1462185	33	0.99	185	0.185	0	2.32	0.008	1.04	0.05	0.02	4.3	0.6	0.025	7	0.25	0.1
1462186	40	1	264	0.209	0	2.38	0.01	0.83	0.1	0.01	4.9	0.5	0.025	7	0.25	0.1
1462187	41	0.77	269	0.173	1	2.01	0.009	0.57	0.1	0.03	5.9	0.4	0.025	7	0.25	0.1
1462188	39	0.7	219	0.163	1	2	0.008	0.8	0.1	0.02	5.6	0.5	0.025	7	0.25	0.1
1462189	45	0.82	227	0.186	0	2.29	0.009	0.86	0.05	0.02	5.7	0.5	0.025	8	0.25	0.1
1462190	37	0.7	248	0.15	0	1.99	0.009	0.64	0.05	0.03	5.1	0.5	0.025	6	0.25	0.1
1462191	47	0.92	230	0.189	0	2.14	0.008	0.76	0.1	0.005	5.4	0.5	0.025	7	0.25	0.1
1462192	35	0.56	260	0.096	0	1.62	0.01	0.19	0.1	0.02	4.5	0.2	0.025	5	0.25	0.1
1462193	73	1	249	0.088	0	3.05	0.023	0.19	0.2	0.02	3.5	0.2	0.025	7	0.25	0.1
1462194	178	0.99	332	0.113	1	2.7	0.016	0.09	0.3	0.005	2.5	0.1	0.025	6	0.25	0.1
1462194	174	0.96	326	0.111	0	2.68	0.016	0.09	0.4	0.005	2.5	0.1	0.025	6	0.25	0.1
1462195	51	0.67	283	0.079	0	1.97	0.01	0.26	0.2	0.02	5.1	0.2	0.025	5	0.25	0.1
1462196	212	2.21	305	0.088	0	1.95	0.015	0.12	0.1	0.005	2.7	0.1	0.025	5	0.25	0.1
1462197	138	1.05	259	0.054	0	1.69	0.01	0.05	0.3	0.005	2.7	0.05	0.025	5	0.25	0.1
1462198	124	1.05	395	0.07	0	1.58	0.011	0.06	0.1	0.005	2	0.1	0.025	5	0.25	0.1
1462551	272	2.03	407	0.146	0	2.6	0.015	0.19	0.1	0.02	5.8	0.2	0.025	9	0.25	0.1
1462552	133	1.16	188	0.099	0	1.85	0.023	0.04	0.05	0.005	4.4	0.05	0.025	4	0.25	0.1



sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1462553	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	613541	7033288	-138.7261323	63.41001219		760
1462554	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	613515	7033289	-138.7266518	63.41002944		756
1462555	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	613439	7033289	-138.7281724	63.41005362		737
1462556	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	613414	7033290	-138.7286719	63.41007054		729
1462557	BHC	Grace Bisaro GB01	10/25/2016 0:00	07N	613391	7033290	-138.729132	63.41007786		728
1463551	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612499	7039847	-138.742353	63.46916208		898
1463552	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612450	7039847	-138.7433355	63.46917758		866
1463553	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612425	7039848	-138.743836	63.46919445		862
1463554	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612400	7039848	-138.7443372	63.46920235		838
1463555	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612374	7039847	-138.7448592	63.4692016		832
1463556	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612348	7039848	-138.7453798	63.46921878		854
1463557	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612325	7039847	-138.7458416	63.46921708		844
1463558	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612299	7039847	-138.7463629	63.46922529		834
1463559	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612275	7039849	-138.7468427	63.4692508		836
1463560	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612249	7039848	-138.7473647	63.46925004		833
1463561	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612223	7039847	-138.7478867	63.46924928		827
1463562	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612223	7039647	-138.7480278	63.46745573		798
1463563	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612250	7039647	-138.7474865	63.46744721		813
1463564	BHC	Ross Reed RR02	10/25/2016 0:00	07N	612276	7039648	-138.7469645	63.46744797		841
1463626	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	611120	7040848	-138.7693022	63.47857246		1021
1463627	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	611096	7040849	-138.7697829	63.47858893		1017
1463628	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	611073	7040848	-138.7702449	63.47858714		993
1463629	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	611045	7040849	-138.7708057	63.47860486		1011
1463630	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	611022	7040848	-138.7712677	63.47860307		1021
1463631	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	610996	7040849	-138.7717885	63.47862016		1002
1463632	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	610971	7040848	-138.7722906	63.478619		1006
1463633	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	610945	7040847	-138.7728128	63.47861814		1013
1463634	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	610923	7040848	-138.7732533	63.47863398		1009
1463635	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	610898	7040848	-138.7737547	63.47864178		1012
1463636	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	610871	7040848	-138.7742963	63.4786502		997
1463637	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	610845	7040847	-138.7748184	63.47864934		1003
1463638	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	610821	7040847	-138.7752998	63.47865682		993
1463639	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	610795	7040849	-138.7758199	63.47868286		990

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1462553	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1462554	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1462555	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1462556	Auger	80	C	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Good	Sand
1462557	Auger	110	B	Subtle Slope	Dark Brown	Black Spruce	Sphagnum Moss	Damp	Poor	Silt
1463551	Auger	30	C	Pronounced Slope	Light Brown	Poplar	Leaf Cover	Damp	Good	Silt
1463552	Auger	40	B	Subtle Slope	Chocolate Brown	Poplar	Thin Moss Cover	Damp	Good	Silt
1463553	Auger	40	B	Subtle Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Silt
1463554	Auger	50	B	Subtle Slope	Chocolate Brown	Poplar	Thin Moss Cover	Damp	Good	Silt
1463555	Auger	90	C	Pronounced Slope	Reddish Brown	Poplar	Thin Moss Cover	Damp	Excellent	Sand
1463556	Auger	20	B	Subtle Slope	Chocolate Brown	Poplar	Thin Moss Cover	Damp	Poor	Silt
1463557	Auger	60	C	Subtle Slope	Reddish Brown	White Spruce	Thin Moss Cover	Damp	Excellent	Sand
1463558	Auger	70	C	Subtle Slope	Reddish Yellow	White Spruce	Thin Moss Cover	Damp	Good	Sand
1463559	Auger	50	C	Subtle Slope	Reddish Yellow	White Spruce	Thin Moss Cover	Damp	Excellent	Sand
1463560	Auger	30	B	Subtle Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Damp	Good	Silt
1463561	Auger	30	B	Flat	Chocolate Brown	Poplar	Thin Moss Cover	Damp	Poor	Silt
1463562	Auger	80	C	Subtle Slope	Chocolate Brown	Birch Forest	Thin Moss Cover	Damp	Good	Sand
1463563	Auger	30	B	Pronounced Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Damp	Poor	Silt
1463564	Auger	50	C	Subtle Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Damp	Good	Sand
1463626	Auger	50	C	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Sand
1463627	Auger	30	B	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Sand
1463628	Auger	60	C	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Good	Sand
1463629	Auger	60	C	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Damp	Excellent	Sand
1463630	Auger	80	C	Pronounced Slope	Chocolate Brown	Willows	Burnt Moss	Damp	Excellent	Sand
1463631	Auger	90	C	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Damp	Excellent	Sand
1463632	Auger	70	C	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Excellent	Sand
1463633	Auger	60	C	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Excellent	Sand
1463634	Auger	40	B	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Dry	Good	Sand
1463635	Auger	40	C	Pronounced Slope	Chocolate Brown	Alders	Burnt Moss	Dry	Good	Sand
1463636	Auger	60	C	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Dry	Good	Gravel
1463637	Auger	60	C	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Excellent	Sand
1463638	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Sand
1463639	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1462553				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.2	49.7
1462554				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.2	30.2
1462555				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.4	27.8
1462556				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.3	44.9
1462557	Dull Red Rust			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.4	43.8
1463551	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.2	13.5
1463552				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.1	16.5
1463553				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1	16.4
1463554	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.3	19.3
1463555	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.1	47.3
1463556	Organic 10%			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.4	22.4
1463557	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1	54
1463558	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.2	25.1
1463559	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.4	47.8
1463560	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1.1	40.7
1463561	Partially Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	1	32.1
1463562	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.5	26.5
1463563	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.8	22.5
1463564	Coarse			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000426	11/24/2016 0:00	11/2/2016 0:00	0.9	27
1463626				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.9	10.9
1463627	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.1	12.3
1463628				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.2	13.2
1463629				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	34.2
1463630			Tons of pyrite	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	43.5
1463631				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	20.1
1463632				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	6.3
1463633				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.5	7.6
1463634	Rocky Sample			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.1	6.9
1463635				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.2	12.7
1463636				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.9	23.9
1463637				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	13
1463638				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.3	21.3
1463639				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	25.5

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1462553	4.8	27	0.05	77.1	17.5	154	2.17	4.8	0.6	6.4	3.5	48	0.05	0.2	0.7	43	0.52	0.051	16
1462554	3.7	40	0.05	63.9	17.4	242	2.57	4.9	0.6	1.2	4.5	41	0.05	0.1	0.2	55	0.58	0.06	16
1462555	4.9	30	0.05	47.4	16.7	209	2.33	9.9	0.4	0.9	2.5	40	0.05	0.2	1.2	50	0.56	0.039	7
1462556	3.9	38	0.05	122	26.9	329	3.02	7.7	0.4	4.3	1.8	38	0.05	0.1	0.6	63	0.54	0.072	8
1462557	5.7	50	0.1	48.5	21.5	471	2.74	5	2.6	2.6	5.3	35	0.1	0.3	0.4	52	0.99	0.084	25
1463551	15.3	55	0.1	21.6	9	355	3.07	10.1	0.9	0.5	5.9	15	0.1	0.6	0.3	62	0.15	0.041	13
1463552	16.8	53	0.3	22.5	9.5	217	2.89	12.3	0.8	2.7	6.8	19	0.1	0.7	0.4	51	0.23	0.04	13
1463553	11.7	50	0.3	17.6	9	615	2.15	6.8	1.4	2.2	6.7	26	0.2	0.5	0.2	41	0.33	0.038	23
1463554	15.5	57	0.2	21.9	11	521	2.99	9.9	2.2	3.1	12.9	20	0.1	0.7	0.3	51	0.2	0.02	24
1463555	15.3	109	0.05	46.5	20.5	669	4.85	7.8	2.6	2.9	24.1	9	0.05	0.4	0.5	40	0.08	0.018	109
1463556	16.9	59	0.4	23.2	22.6	2432	2.74	6.9	1.3	29.4	3.5	24	0.2	0.5	0.3	50	0.22	0.043	24
1463557	19.9	101	0.05	45.5	19.3	821	4.65	7	3.7	3.1	19.9	15	0.05	0.5	0.4	44	0.15	0.017	50
1463558	15.6	57	0.05	22.5	11.3	337	3.16	9.3	1.4	2.4	11.3	16	0.05	0.6	0.3	50	0.15	0.017	22
1463559	21.9	97	0.05	40.5	18.5	601	4.6	6.6	1.9	2.9	17.9	9	0.05	0.5	0.4	37	0.07	0.018	28
1463560	14.6	83	0.05	34.8	17	443	3.96	7.5	1.1	0.25	10.4	9	0.05	0.4	0.3	37	0.1	0.025	14
1463561	17.8	74	0.05	27.8	16	687	3.27	5.3	1.8	1.2	4.2	16	0.05	0.3	0.3	25	0.21	0.043	26
1463562	20	73	0.05	27.6	12.1	325	3.45	12.1	1.3	1.6	14.5	16	0.05	0.3	0.3	38	0.28	0.048	29
1463563	21.7	57	0.2	22	12.1	550	2.94	6.8	2.6	2.2	9.7	24	0.1	0.4	0.3	41	0.38	0.041	60
1463564	12.8	59	0.05	23.3	10.8	434	2.74	6.5	2.9	2.2	12.7	20	0.05	0.5	0.3	39	0.29	0.039	32
1463626	17.6	61	0.3	15.5	9.8	948	2.74	8.1	0.8	4	7.3	20	0.1	0.5	0.3	56	0.2	0.052	17
1463627	11.3	46	0.2	17.4	7.3	442	2.57	8.5	0.6	3.1	4.5	27	0.2	0.6	0.2	50	0.36	0.061	14
1463628	14.8	76	0.05	20.6	9.6	606	3.28	10.8	1.1	0.9	13.7	17	0.05	0.7	0.2	61	0.17	0.084	17
1463629	12.2	62	0.1	24.9	10.8	318	3.15	10.2	1.5	4	14.3	13	0.05	0.9	0.1	47	0.15	0.02	29
1463630	16.2	116	0.05	46.2	19.8	1018	5.19	15.9	2.4	3.1	11.3	17	0.05	1.3	0.1	41	0.2	0.028	36
1463631	10.5	76	0.05	19.7	11.4	402	3.37	7.2	1.8	9.7	12.2	22	0.05	0.8	0.1	48	0.23	0.029	47
1463632	12.4	76	0.05	8	5.4	141	2.64	3.7	3.7	3.9	28.2	18	0.05	1.5	0.05	22	0.23	0.028	58
1463633	12.3	98	0.05	14.6	11.9	540	4.81	4.5	2.2	1.2	18.4	15	0.05	0.8	0.05	57	0.17	0.033	9
1463634	15.4	50	0.2	9.5	6.4	310	2.67	5.1	0.7	2	5.8	13	0.05	0.5	0.2	62	0.13	0.049	11
1463635	13.5	54	0.05	16.7	9	306	3.03	9.6	1.2	3.5	11.3	14	0.05	0.7	0.3	52	0.13	0.033	22
1463636	13.3	47	0.05	16.8	7.9	357	2.54	10.5	3.8	4.4	20.4	23	0.05	0.9	0.3	39	0.25	0.037	115
1463637	10	40	0.05	15	7.4	247	2.48	9.5	1	4.6	6.6	19	0.05	0.9	0.1	44	0.18	0.024	17
1463638	19.6	90	0.05	25.1	16.5	962	4.88	4.2	1.4	1.4	27.4	20	0.05	0.6	0.05	60	0.4	0.056	121
1463639	11.2	56	0.05	23.4	11.3	338	2.89	4.9	1.4	7	6.3	14	0.2	0.3	0.2	38	0.2	0.048	29

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1462553	108	1.1	262	0.104	0	2.26	0.024	0.03	0.05	0.01	4.3	0.05	0.025	5	0.25	0.1
1462554	116	1.38	381	0.198	0	2.27	0.024	0.26	0.5	0.005	4.6	0.3	0.025	7	0.25	0.1
1462555	224	1.42	206	0.109	0	1.98	0.022	0.04	0.1	0.01	3.7	0.05	0.025	6	0.25	0.1
1462556	266	2.33	217	0.136	0	2.59	0.02	0.1	0.1	0.01	4.3	0.1	0.025	7	0.25	0.1
1462557	122	1.38	548	0.124	0	2.06	0.019	0.27	0.2	0.04	6.1	0.2	0.025	7	0.25	0.1
1463551	34	0.43	195	0.05	0	2.17	0.006	0.09	0.2	0.03	3	0.1	0.025	7	0.25	0.1
1463552	33	0.48	190	0.053	1	1.84	0.006	0.1	0.2	0.03	2.8	0.1	0.025	5	0.25	0.1
1463553	27	0.41	265	0.053	1	1.37	0.009	0.08	0.2	0.05	3.3	0.05	0.025	4	0.25	0.1
1463554	34	0.47	281	0.053	0	1.96	0.008	0.12	0.1	0.05	4.1	0.2	0.025	6	0.25	0.1
1463555	37	0.66	137	0.119	0	1.93	0.005	0.62	0.05	0.03	7.1	0.5	0.025	7	0.25	0.1
1463556	30	0.33	403	0.05	1	1.65	0.009	0.12	0.1	0.04	3	0.1	0.025	6	0.25	0.1
1463557	42	0.79	199	0.16	0	2.22	0.006	0.75	0.05	0.05	8.1	0.6	0.025	8	0.6	0.1
1463558	32	0.49	177	0.067	0	1.91	0.008	0.14	0.1	0.03	4.2	0.2	0.025	6	0.25	0.1
1463559	34	0.53	130	0.082	0	1.9	0.004	0.5	0.05	0.02	4.8	0.5	0.025	6	0.25	0.1
1463560	32	0.65	174	0.094	0	2.17	0.004	0.46	0.05	0.02	3.3	0.4	0.025	6	0.25	0.1
1463561	22	0.27	154	0.019	0	1.09	0.003	0.15	0.05	0.05	2.1	0.1	0.025	3	0.25	0.1
1463562	37	0.79	170	0.114	0	2.06	0.007	0.52	0.05	0.01	3.4	0.4	0.025	7	0.25	0.1
1463563	35	0.61	233	0.074	0	1.82	0.007	0.25	0.05	0.04	4.3	0.2	0.025	6	0.25	0.1
1463564	30	0.52	214	0.082	0	1.58	0.009	0.23	0.2	0.04	4.2	0.2	0.025	5	0.25	0.1
1463626	27	0.5	226	0.056	1	1.73	0.007	0.13	0.2	0.04	2.9	0.2	0.025	6	0.25	0.1
1463627	28	0.42	225	0.054	2	1.76	0.008	0.16	0.1	0.03	2.7	0.1	0.025	5	0.25	0.1
1463628	36	0.63	231	0.085	1	2.4	0.007	0.27	0.3	0.02	3.5	0.3	0.025	8	0.25	0.1
1463629	32	0.65	171	0.071	1	1.94	0.008	0.19	0.1	0.03	4.3	0.2	0.025	6	0.25	0.1
1463630	33	0.71	226	0.107	0	1.88	0.004	0.6	0.05	0.07	8.8	0.4	0.025	6	0.25	0.1
1463631	47	1.06	226	0.087	2	2.17	0.008	0.35	0.1	0.03	7.2	0.3	0.025	7	0.25	0.1
1463632	19	0.3	171	0.003	2	1.89	0.005	0.13	0.05	0.97	4.9	0.2	0.025	5	0.25	0.1
1463633	49	1.23	193	0.124	2	3.29	0.006	0.63	0.2	0.04	8.9	0.9	0.025	13	0.25	0.1
1463634	25	0.42	124	0.064	0	1.62	0.007	0.1	0.1	0.02	2.9	0.2	0.025	8	0.25	0.1
1463635	30	0.52	151	0.059	0	1.94	0.006	0.08	0.1	0.06	3.7	0.1	0.025	6	0.25	0.1
1463636	26	0.42	210	0.036	1	1.4	0.008	0.07	0.2	0.24	6	0.1	0.025	4	0.25	0.1
1463637	24	0.45	176	0.04	2	1.45	0.008	0.05	0.1	0.05	3.3	0.05	0.025	4	0.25	0.1
1463638	61	1.16	458	0.224	0	2.53	0.009	0.89	0.1	0.04	11.9	0.6	0.025	9	0.25	0.1
1463639	26	0.62	175	0.101	0	1.65	0.007	0.31	0.05	0.05	3.8	0.3	0.025	5	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1463640	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	610772	7040848	-138.7762819	63.47868106		1008
1463641	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	610744	7040848	-138.7768435	63.47868978		1009
1463642	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	610721	7040848	-138.7773048	63.47869695		1026
1463643	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	610695	7040847	-138.7778269	63.47869607		1006
1463644	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	610672	7040848	-138.7782875	63.4787122		1004
1463645	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	610646	7040847	-138.7788097	63.47871133		1007
1463646	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	610621	7040848	-138.7793104	63.47872808		991
1463647	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	610594	7040848	-138.7798519	63.47873648		1003
1463648	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	610569	7040848	-138.7803534	63.47874425		1002
1463649	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	610546	7040849	-138.780814	63.47876037		991
1463650	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	610546	7040849	-138.780814	63.47876037		996
1463651	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	610520	7040850	-138.7813348	63.47877743		984
1463652	BHC	Braeden Paun-Bur	10/24/2016 0:00	07N	610496	7040848	-138.7818175	63.47876695		994
1463653	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	613027	7039647	-138.7319091	63.46720115		851
1463654	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	613003	7039648	-138.7323895	63.46721774		884
1463655	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612976	7039647	-138.7329315	63.46721735		843
1463656	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612951	7039648	-138.733432	63.46723426		884
1463656	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612951	7039648	-138.733432	63.46723426		884
1463657	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612927	7039647	-138.7339139	63.46723291		886
1463658	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612900	7039647	-138.7344552	63.46724148		901
1463659	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612878	7039648	-138.7348955	63.46725743		893
1463660	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612851	7039647	-138.7354375	63.46725703		884
1463661	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612827	7039647	-138.7359187	63.46726465		892
1463662	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612800	7039647	-138.73646	63.46727321		888
1463663	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612776	7039647	-138.7369411	63.46728082		886
1463664	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612750	7039647	-138.7374624	63.46728906		859
1463665	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612727	7039647	-138.7379235	63.46729635		872
1463666	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612700	7039647	-138.7384648	63.46730491		887
1463667	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612671	7039648	-138.7390455	63.46732306		863
1463668	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612650	7039646	-138.7394679	63.46731178		877
1463669	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612625	7039647	-138.7399684	63.46732866		871
1463670	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612601	7039647	-138.7404495	63.46733626		862
1463671	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612575	7039647	-138.7409708	63.46734449		856

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1463640	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Sand
1463641	Mattock	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Excellent	Sand
1463642	Auger	40	B	Pronounced Slope	Chocolate Brown	Alders	Bare Soil	Dry	Good	Sand
1463643	Mattock	20	B	Subtle Slope	Chocolate Brown	Old Burn	Bare Soil	Damp	Poor	Gravel
1463644	Auger	30	B	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Poor	Sand
1463645	Auger	110	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Damp	Excellent	Sand
1463646	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Poor	Sand
1463647	Auger	90	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Excellent	Sand
1463648	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Excellent	Sand
1463649	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Excellent	Sand
1463650	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Excellent	Sand
1463651	Auger	100	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Damp	Good	Sand
1463652	Auger	90	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Sand
1463653	Auger	60	C	Pronounced Slope	Chocolate Brown	Black Spruce	Bare Soil	Dry	Good	Sand
1463654	Auger	70	C	Pronounced Slope	Chocolate Brown	Black Spruce	Bare Soil	Dry	Excellent	Sand
1463655	Auger	60	C	Pronounced Slope	Chocolate Brown	Black Spruce	Bare Soil	Dry	Good	Gravel
1463656	Auger	80	C	Pronounced Slope	Chocolate Brown	Black Spruce	Bare Soil	Dry	Excellent	Gravel
1463656	Auger	80	C	Pronounced Slope	Chocolate Brown	Black Spruce	Bare Soil	Dry	Excellent	Gravel
1463657	Auger	70	C	Pronounced Slope	Chocolate Brown	Black Spruce	Burnt Moss	Dry	Good	Sand
1463658	Auger	70	C	Pronounced Slope	Chocolate Brown	Black Spruce	Bare Soil	Dry	Good	Sand
1463659	Auger	40	B	Pronounced Slope	Chocolate Brown	Black Spruce	Bare Soil	Dry	Good	Sand
1463660	Auger	80	C	Pronounced Slope	Chocolate Brown	Black Spruce	Bare Soil	Dry	Excellent	Sand
1463661	Auger	50	C	Pronounced Slope	Chocolate Brown	Black Spruce	Bare Soil	Dry	Good	Sand
1463662	Auger	50	C	Pronounced Slope	Chocolate Brown	Black Spruce	Bare Soil	Dry	Good	Sand
1463663	Auger	50	B	Pronounced Slope	Chocolate Brown	Black Spruce	Bare Soil	Dry	Good	Sand
1463664	Auger	60	C	Pronounced Slope	Chocolate Brown	Black Spruce	Bare Soil	Dry	Good	Sand
1463665	Auger	80	C	Pronounced Slope	Chocolate Brown	Black Spruce	Bare Soil	Dry	Excellent	Sand
1463666	Auger	80	C	Pronounced Slope	Chocolate Brown	Black Spruce	Bare Soil	Dry	Excellent	Sand
1463667	Auger	80	C	Pronounced Slope	Chocolate Brown	Black Spruce	Bare Soil	Dry	Excellent	Sand
1463668	Auger	40	B	Pronounced Slope	Chocolate Brown	Black Spruce	Bare Soil	Dry	Good	Sand
1463669	Auger	70	C	Pronounced Slope	Chocolate Brown	Black Spruce	Bare Soil	Dry	Good	Sand
1463670	Auger	80	C	Pronounced Slope	Chocolate Brown	Black Spruce	Bare Soil	Dry	Excellent	Sand
1463671	Auger	80	C	Pronounced Slope	Chocolate Brown	Black Spruce	Bare Soil	Dry	Good	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1463640				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1	24
1463641				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	33.7
1463642				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.8	17
1463643	Rocky Sample	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.6	17.1
1463644	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.9	10.5
1463645				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.4	32.4
1463646	Frozen			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.1	21.4
1463647				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.4	24
1463648				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.4	24.9
1463649				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.4	18.6
1463650				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.4	16.1
1463651				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	24.9
1463652				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.4	27
1463653				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1	22.7
1463654				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	2	59.9
1463655				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.3	36
1463656				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.3	36.1
1463656				REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.4	35.2
1463657				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.9	31
1463658				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	2.2	41.4
1463659				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	2	14.7
1463660				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	29.4
1463661				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.6	18.2
1463662				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1	14.9
1463663				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.8	19.4
1463664				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	28.8
1463665				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.4	26.9
1463666				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	34.8
1463667				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.2	32
1463668				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.5	26.4
1463669				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.9	27.5
1463670				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.6	26.8
1463671				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	21.1



sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1463640	18.4	61	0.05	20	8.7	319	2.95	5.5	1.6	3	7.1	16	0.1	0.3	0.2	35	0.25	0.037	43
1463641	22.3	89	0.05	29.4	14.4	452	4.26	2.8	1.8	1.9	22.8	20	0.05	0.2	0.2	27	0.33	0.078	39
1463642	13.8	52	0.05	17.5	9.2	352	3.02	7.3	0.7	1.3	6.3	13	0.05	0.5	0.2	50	0.12	0.026	12
1463643	19	51	0.05	20.2	7.6	536	2.43	13.3	0.6	2.4	2.5	10	0.05	0.4	0.3	51	0.1	0.047	15
1463644	12	32	0.05	8.9	3.9	183	2.22	7.4	0.5	4	0.9	10	0.2	0.3	0.2	54	0.08	0.042	12
1463645	12.4	78	0.2	30.3	13.3	515	3.1	12.5	2.1	9.2	13.5	15	0.05	0.6	0.3	29	0.38	0.055	43
1463646	11.9	51	0.3	17.1	7.1	338	1.98	12.7	1.7	5.4	2.2	25	0.4	0.2	0.2	31	0.29	0.07	28
1463647	10.7	76	0.05	26	10.7	370	3.35	9.8	1.4	3.6	9.9	23	0.05	0.2	0.2	55	0.4	0.058	30
1463648	8.9	76	0.05	20.4	7.2	271	2.82	8.4	1.6	3	9.9	15	0.05	0.1	0.2	46	0.29	0.07	30
1463649	7.9	68	0.05	17.2	7.7	419	2.8	6	2.9	175.8	13.1	81	0.05	0.1	0.5	51	0.25	0.037	29
1463650	7.5	64	0.05	16.1	6.8	350	2.66	6.3	2.1	7	10.5	76	0.05	0.2	0.6	45	0.21	0.033	26
1463651	11	65	0.05	23.2	9.9	243	2.94	6	1.6	1.8	7.3	27	0.05	0.4	0.3	48	0.19	0.033	23
1463652	9.3	72	0.05	24.9	10.2	296	3	4.4	1.5	2	7.7	32	0.05	0.3	0.3	48	0.17	0.039	24
1463653	10.3	53	0.1	20.2	9	330	2.61	10.9	1.3	4	9	13	0.05	0.8	0.2	42	0.17	0.039	23
1463654	15.5	54	0.05	25.8	11.2	873	2.51	30.2	2.5	4.8	12.6	24	0.1	1.3	0.3	27	0.07	0.027	39
1463655	19.3	57	0.1	25.1	22.2	2078	2.95	5.7	1.4	0.25	12.5	15	0.05	0.3	0.3	42	0.15	0.034	21
1463656	14.2	81	0.05	28.9	12	645	3.49	17.6	4.2	6.5	22	15	0.05	1.6	0.4	36	0.15	0.021	55
1463656	14.1	81	0.05	27.5	11.8	641	3.45	17.6	4.2	5.4	22	15	0.05	1.7	0.4	35	0.15	0.021	56
1463657	13.5	45	0.05	15.4	6.4	400	2.48	23.1	2.6	2.4	10.5	15	0.05	0.8	0.3	28	0.09	0.023	26
1463658	10.8	49	0.05	19.9	8.3	410	2.71	34.7	2.2	9.8	8.3	15	0.05	1.4	0.2	40	0.1	0.022	26
1463659	11.1	43	0.1	12	12.4	1221	2.47	16.4	0.7	1	3.5	14	0.05	0.7	0.2	55	0.12	0.06	13
1463660	13.1	83	0.05	30.1	14	377	4.17	5	2	1.4	16	14	0.05	0.3	0.3	45	0.17	0.05	48
1463661	12.6	49	0.1	16.7	10	321	2.97	10.5	1.1	1.5	7.2	13	0.05	0.5	0.2	49	0.12	0.021	17
1463662	16.2	54	0.05	16.4	10.5	331	2.74	6.6	1.2	0.7	8.7	14	0.05	0.4	0.2	41	0.12	0.024	27
1463663	12.3	55	0.05	17.9	8.7	240	2.76	5.7	1.8	1.7	9.9	16	0.05	0.3	0.2	38	0.17	0.025	29
1463664	20	87	0.05	30.5	15.5	363	4.19	2.8	1.5	0.25	18.7	15	0.05	0.3	0.3	43	0.18	0.045	44
1463665	13	65	0.05	25	11	217	3.46	5.2	1.6	1.7	16.5	13	0.05	0.4	0.2	42	0.13	0.024	50
1463666	15.4	81	0.05	30.6	12.2	376	3.71	4.3	3	2.6	22.2	16	0.05	0.4	0.3	38	0.17	0.032	65
1463667	14.4	55	0.1	20.7	8.6	548	2.77	16.2	2.4	5.9	10.9	23	0.05	1	0.2	45	0.23	0.028	34
1463668	14.9	49	0.05	18	8.9	563	2.51	15.6	2.3	7.9	9.9	19	0.05	0.9	0.2	42	0.19	0.031	29
1463669	24.8	61	0.2	22.2	9.3	360	2.78	8.8	2.6	10.9	13.3	15	0.05	0.7	0.3	36	0.17	0.023	35
1463670	19.9	73	0.1	25.8	11.4	327	3.41	5.5	3.1	4.4	16	16	0.05	0.4	0.3	43	0.19	0.028	39
1463671	19.7	69	0.1	26.5	11.4	348	3.39	5	1.4	1.7	11.8	17	0.05	0.4	0.3	51	0.24	0.05	20

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1463640	24	0.46	142	0.058	1	1.47	0.006	0.21	0.05	0.05	3.5	0.2	0.025	5	0.25	0.1
1463641	26	0.69	263	0.117	0	1.94	0.006	0.76	0.05	0.02	4.7	0.5	0.025	6	0.25	0.1
1463642	30	0.59	115	0.115	0	1.92	0.006	0.23	0.1	0.02	3.5	0.2	0.025	7	0.25	0.1
1463643	28	0.48	83	0.076	0	1.35	0.006	0.17	0.2	0.01	2.5	0.2	0.025	6	0.25	0.1
1463644	20	0.24	90	0.053	1	1.08	0.006	0.07	0.05	0.03	2	0.1	0.025	6	0.25	0.1
1463645	28	0.83	166	0.098	0	1.87	0.006	0.57	0.05	0.03	3.9	0.5	0.025	6	0.25	0.1
1463646	28	0.38	186	0.058	2	1.25	0.008	0.31	0.05	0.07	3.2	0.3	0.06	5	0.6	0.1
1463647	33	0.85	203	0.134	0	2.29	0.006	0.74	0.05	0.01	6.3	0.5	0.025	8	0.25	0.1
1463648	28	0.69	143	0.115	0	1.81	0.006	0.65	0.05	0.005	5.5	0.4	0.025	7	0.25	0.1
1463649	44	0.75	82	0.14	0	2.04	0.008	0.7	0.2	0.005	7.1	0.5	0.025	8	0.25	0.1
1463650	41	0.7	100	0.129	0	1.92	0.011	0.59	0.2	0.005	6	0.4	0.025	8	0.25	0.1
1463651	35	0.65	168	0.138	0	2.24	0.009	0.33	0.1	0.03	4.9	0.3	0.025	7	0.25	0.1
1463652	39	0.73	197	0.176	0	2.06	0.008	0.56	0.2	0.02	5.7	0.3	0.025	8	0.25	0.1
1463653	24	0.52	144	0.081	0	1.56	0.007	0.28	0.2	0.03	3.7	0.3	0.025	5	0.25	0.1
1463654	16	0.19	168	0.021	0	0.89	0.004	0.12	0.05	0.07	8.1	0.2	0.025	2	0.25	0.1
1463655	27	0.64	193	0.102	0	2.02	0.007	0.48	0.05	0.03	3.6	0.3	0.025	6	0.25	0.1
1463656	25	0.64	136	0.069	0	1.99	0.006	0.56	0.05	0.05	5.9	0.8	0.025	6	0.25	0.1
1463656	25	0.64	133	0.068	0	2	0.006	0.55	0.05	0.05	5.7	0.8	0.025	6	0.25	0.1
1463657	16	0.28	102	0.042	0	1.17	0.005	0.23	0.05	0.03	4.4	0.2	0.025	4	0.25	0.1
1463658	23	0.39	126	0.045	1	1.35	0.006	0.13	0.1	0.05	5.4	0.1	0.025	4	0.25	0.1
1463659	22	0.32	116	0.053	0	1.22	0.006	0.09	0.2	0.03	2.7	0.1	0.025	5	0.25	0.1
1463660	34	0.86	169	0.157	0	2.43	0.007	0.74	0.05	0.02	5	0.5	0.025	8	0.25	0.1
1463661	29	0.48	166	0.06	0	1.96	0.007	0.14	0.05	0.02	3	0.2	0.025	6	0.25	0.1
1463662	25	0.49	142	0.074	0	1.64	0.006	0.29	0.05	0.02	3.1	0.2	0.025	5	0.25	0.1
1463663	24	0.55	148	0.073	0	1.59	0.007	0.28	0.05	0.02	3.7	0.2	0.025	5	0.5	0.1
1463664	36	0.95	194	0.175	0	2.72	0.007	0.9	0.05	0.01	4.5	0.6	0.025	8	0.25	0.1
1463665	28	0.66	152	0.094	0	2.14	0.007	0.46	0.05	0.01	3.9	0.3	0.025	6	0.25	0.1
1463666	29	0.7	192	0.12	0	2.08	0.007	0.63	0.05	0.03	5.9	0.4	0.025	6	0.25	0.1
1463667	26	0.47	246	0.071	1	1.67	0.009	0.16	0.1	0.04	5.4	0.2	0.025	5	0.25	0.1
1463668	24	0.4	214	0.065	0	1.35	0.008	0.15	0.1	0.03	4.3	0.2	0.025	4	0.25	0.1
1463669	24	0.49	148	0.075	0	1.54	0.006	0.36	0.05	0.05	4	0.3	0.025	5	0.25	0.1
1463670	30	0.75	191	0.134	0	2.08	0.008	0.66	0.05	0.03	4.6	0.4	0.025	7	0.25	0.1
1463671	50	0.86	188	0.128	0	2.31	0.009	0.56	0.05	0.02	4.7	0.5	0.025	7	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1463672	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612548	7039647	-138.7415121	63.46735304		848
1463673	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612526	7039647	-138.7419532	63.46736		843
1463674	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612476	7039647	-138.7429556	63.46737581		841
1463675	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612478	7039647	-138.7429155	63.46737518		841
1463676	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612426	7039648	-138.7439573	63.46740059		816
1463677	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612400	7039647	-138.7444792	63.46739984		834
1463678	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612371	7039647	-138.7450606	63.467409		859
1463679	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612349	7039648	-138.745501	63.46742492		832
1463680	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612325	7039648	-138.7459821	63.4674325		842
1463681	BHC	Braeden Paun-Bur	10/25/2016 0:00	07N	612300	7039648	-138.7464834	63.46744039		831
1463816	BHC	Joshuah Forrester	10/18/2016 0:00	07N	617941	7037806	-138.6347633	63.44909741		1113
1463817	BHC	Joshuah Forrester	10/18/2016 0:00	07N	617968	7037809	-138.6342202	63.44911536		1121
1463818	BHC	Joshuah Forrester	10/18/2016 0:00	07N	617993	7037809	-138.6337193	63.44910708		1123
1463819	BHC	Joshuah Forrester	10/18/2016 0:00	07N	618020	7037810	-138.6331777	63.44910709		1128
1463820	BHC	Joshuah Forrester	10/18/2016 0:00	07N	618044	7037809	-138.6326976	63.44909017		1131
1463821	BHC	Joshuah Forrester	10/18/2016 0:00	07N	618069	7037810	-138.632196	63.44909085		1138
1463822	BHC	Joshuah Forrester	10/18/2016 0:00	07N	618094	7037809	-138.6316959	63.44907359		1141
1463823	BHC	Joshuah Forrester	10/18/2016 0:00	07N	618120	7037809	-138.631175	63.44906496		1142
1463824	BHC	Joshuah Forrester	10/18/2016 0:00	07N	618144	7037807	-138.6306957	63.44903906		1148
1463825	BHC	Joshuah Forrester	10/18/2016 0:00	07N	618144	7037807	-138.6306957	63.44903906	1463824	1148
1463826	BHC	Joshuah Forrester	10/18/2016 0:00	07N	618169	7037810	-138.6301926	63.44905766		1144
1463827	BHC	Joshuah Forrester	10/18/2016 0:00	07N	618194	7037810	-138.6296918	63.44904936		1147
1463828	BHC	Joshuah Forrester	10/18/2016 0:00	07N	618219	7037810	-138.6291909	63.44904106		1148
1463829	BHC	Joshuah Forrester	10/18/2016 0:00	07N	618244	7037809	-138.6286908	63.44902379		1142
1463830	BHC	Joshuah Forrester	10/18/2016 0:00	07N	618269	7037809	-138.62819	63.44901549		1137
1463831	BHC	Joshuah Forrester	10/18/2016 0:00	07N	618295	7037809	-138.6276691	63.44900685		1136
1463832	BHC	Joshuah Forrester	10/18/2016 0:00	07N	618319	7037808	-138.627189	63.4489899		1134
1463833	BHC	Joshuah Forrester	10/18/2016 0:00	07N	618345	7037808	-138.6266682	63.44898126		1132
1463834	BHC	Joshuah Forrester	10/18/2016 0:00	07N	618370	7037808	-138.6261673	63.44897295		1127
1463835	BHC	Joshuah Forrester	10/18/2016 0:00	07N	618395	7037809	-138.6256657	63.4489736		1119
1463836	BHC	Joshuah Forrester	10/18/2016 0:00	07N	618419	7037808	-138.6251857	63.44895665		1117
1463837	BHC	Joshuah Forrester	10/18/2016 0:00	07N	618445	7037807	-138.6246655	63.44893903		1113
1463838	BHC	Joshuah Forrester	10/18/2016 0:00	07N	618470	7037806	-138.6241654	63.44892175		1108

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1463672	Auger	80	C	Pronounced Slope	Chocolate Brown	Black Spruce	Bare Soil	Dry	Excellent	Sand
1463673	Auger	60	C	Pronounced Slope	Chocolate Brown	Black Spruce	Bare Soil	Dry	Good	Sand
1463674	Mattock	20	B	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Poor	Sand
1463675	Mattock	20	B	Pronounced Slope	Chocolate Brown	Willows	Bare Soil	Dry	Poor	Sand
1463676	Auger	40	B	Pronounced Slope	Chocolate Brown	Old Burn	Burnt Moss	Dry	Good	Sand
1463677	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Sand
1463678	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Sand
1463679	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Sand
1463680	Auger	90	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Excellent	Sand
1463681	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Bare Soil	Dry	Good	Sand
1463816	Auger	70	C	Subtle Slope	Chocolate Brown	No Tree Cover	Thin Moss Cover	Damp	Excellent	Sand
1463817	Auger	70	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Damp	Excellent	Sand
1463818	Auger	90	C	Subtle Slope	Chocolate Brown	No Tree Cover	Thin Moss Cover	Damp	Excellent	Sand
1463819	Auger	40	C	Subtle Slope	Chocolate Brown	No Tree Cover	Thin Moss Cover	Damp	Good	Silt
1463820	Auger	60	C	Subtle Slope	Chocolate Brown	No Tree Cover	Thin Moss Cover	Damp	Good	Gravel
1463821	Auger	70	C	Subtle Slope	Chocolate Brown	No Tree Cover	Grass Cover	Damp	Good	Silt
1463822	Auger	50	B	Subtle Slope	Chocolate Brown	No Tree Cover	Thin Moss Cover	Damp	Good	Silt
1463823	Auger	100	C	Subtle Slope	Light Brown	No Tree Cover	Thin Moss Cover	Damp	Excellent	Gravel
1463824	Auger	70	B	Subtle Slope	Chocolate Brown	No Tree Cover	Thin Moss Cover	Damp	Good	Gravel
1463825	Auger	50	B	Subtle Slope	Chocolate Brown	No Tree Cover	Thin Moss Cover	Damp	Good	Gravel
1463826	Auger	40	B	Flat	Dark Brown	No Tree Cover	Grass Cover	Damp	Poor	Gravel
1463827	Auger	60	B	Flat	Dark Brown	No Tree Cover	Thin Moss Cover	Damp	Poor	Silt
1463828	Auger	60	B	Subtle Slope	Chocolate Brown	No Tree Cover	Thin Moss Cover	Damp	Poor	Gravel
1463829	Auger	40	B	Subtle Slope	Chocolate Brown	No Tree Cover	Thin Moss Cover	Damp	Good	Silt
1463830	Auger	50	B	Subtle Slope	Chocolate Brown	No Tree Cover	Thin Moss Cover	Damp	Good	Silt
1463831	Auger	40	B	Subtle Slope	Chocolate Brown	No Tree Cover	Grass Cover	Damp	Good	Silt
1463832	Auger	70	B	Subtle Slope	Chocolate Brown	No Tree Cover	Sphagnum Moss <	Damp	Good	Silt
1463833	Auger	70	B	Subtle Slope	Chocolate Brown	No Tree Cover	Thin Moss Cover	Damp	Good	Sand
1463834	Auger	70	B	Subtle Slope	Chocolate Brown	No Tree Cover	Grass Cover	Damp	Good	Sand
1463835	Auger	50	B	Subtle Slope	Dark Brown	No Tree Cover	Grass Cover	Damp	Good	Silt
1463836	Auger	110	B	Subtle Slope	Chocolate Brown	Black Spruce	Grass Cover	Damp	Good	Sand
1463837	Auger	80	B	Subtle Slope	Chocolate Brown	Willows	Thin Moss Cover	Damp	Good	Silt
1463838	Auger	80	B	Subtle Slope	Chocolate Brown	No Tree Cover	Sphagnum Moss <	Damp	Good	Silt

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1463672				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.4	33.9
1463673				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	31
1463674	Frozen	Frozen	Frozen	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.9	10.7
1463675	Frozen	Frozen		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.9	11.3
1463676				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	26.2
1463677				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.8	27.8
1463678				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1	18.5
1463679				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.5	28.6
1463680				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.4	30.7
1463681				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	20.2
1463816	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.4	31.4
1463817	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.6	24.6
1463818	Rocky Sample			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.8	20.6
1463819	Sandy	Rocky Sample	Small relief in topo	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.1	26.6
1463820	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.5	17.7
1463821	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.3	26.7
1463822	Sandy	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.8	29.3
1463823	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	2	19.5
1463824	Sandy	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.1	13.2
1463825	Sandy	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.4	11.6
1463826	Sandy	Organic 10%	Rocky terrain	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1	14.3
1463827	Rocky Sample	Organic 25%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.8	12.5
1463828	Organic 25%			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	3.7	18.6
1463829	Rocky Sample	Frozen	Rocky terrain	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	2.3	19
1463830	Sandy	Rocky Sample	10% organic	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.4	9.1
1463831	Organic 10%	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	3	16.9
1463832	Sandy	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	2.2	26.9
1463833	Organic 10%			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.7	25.2
1463834	Organic 10%	Rocky Terrain		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.7	25.8
1463835	Rocky Sample	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.6	19.3
1463836	Organic 10%	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.3	22.7
1463837	Rocky Sample	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.3	16.7
1463838	Rocky Sample	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1	15.7

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1463672	17.5	98	0.05	30.7	13.8	352	4.18	4.1	2.4	1.2	24.2	16	0.05	0.3	0.4	35	0.2	0.038	53
1463673	16.4	83	0.05	28.6	13	403	3.96	6.2	2.1	1.6	21	14	0.05	0.3	0.3	35	0.18	0.038	77
1463674	11.8	43	0.05	13.1	11.4	545	2.69	6.9	0.7	1.6	4.8	12	0.05	0.4	0.2	50	0.13	0.025	13
1463675	12.5	44	0.05	13.1	9.9	434	2.7	7.1	0.7	1.6	4.7	12	0.05	0.4	0.3	50	0.12	0.024	14
1463676	11	49	0.05	18.1	8.9	273	2.73	6	3.2	1.9	13.7	21	0.05	0.4	0.2	42	0.24	0.024	83
1463677	34.6	141	0.05	28.6	14.1	406	3.54	13.6	1.1	2.3	17	18	0.2	0.5	0.3	47	0.2	0.038	27
1463678	14.5	56	0.05	18.9	8.4	300	2.8	9.7	1.6	3.6	7.6	18	0.05	0.5	0.2	51	0.15	0.018	29
1463679	12.9	71	0.05	29.9	14	298	3.94	3.2	1.6	0.25	17.2	14	0.05	0.1	0.3	33	0.3	0.078	31
1463680	21.7	74	0.05	30	11.7	387	3.66	5	2.2	2.3	24.1	19	0.05	0.3	0.4	34	0.35	0.069	59
1463681	12.6	57	0.05	19.2	9.3	426	2.72	5.9	2.1	1.5	11.9	18	0.05	0.4	0.2	39	0.22	0.035	35
1463816	11	62	0.05	23.7	9.3	411	2.82	10.2	2.9	2.7	7.6	20	0.05	0.7	0.2	47	0.22	0.04	30
1463817	10.9	66	0.05	18.5	9.5	414	2.87	7.3	2.5	2.5	13.9	11	0.05	0.7	0.2	48	0.12	0.028	46
1463818	11.6	66	0.05	15.9	10.7	514	2.93	5.2	2.4	1.7	18.4	9	0.05	0.6	0.2	48	0.15	0.053	40
1463819	10.7	59	0.05	24	10.3	393	2.66	10.6	1.3	3.5	7.5	15	0.05	0.7	0.2	48	0.14	0.028	24
1463820	10.1	55	0.05	13.4	7.5	352	2.36	5.5	2.2	1.4	13.9	11	0.05	0.6	0.2	36	0.13	0.03	52
1463821	11.6	63	0.05	24.3	9.6	377	2.76	9.5	1.4	4.4	9.9	18	0.05	0.7	0.2	49	0.17	0.025	28
1463822	18.1	62	0.05	23	10.7	349	2.92	9.7	1.9	2.6	15.6	16	0.05	1.1	0.2	49	0.15	0.026	41
1463823	9.5	30	0.05	8.6	4.3	204	1.53	4.8	1.5	0.9	18.8	12	0.05	0.4	0.3	18	0.16	0.026	61
1463824	11.7	44	0.05	14.8	7.6	265	2.91	10.8	0.9	1	10.4	10	0.05	0.9	0.2	48	0.1	0.029	17
1463825	11.3	50	0.05	15.3	7.5	272	3.08	10.9	0.6	1.6	6.4	9	0.2	0.7	0.2	50	0.09	0.035	13
1463826	11.9	43	0.05	15.4	7.2	171	2.57	9.9	1	3	4.7	11	0.1	0.9	0.2	47	0.11	0.041	20
1463827	14.9	18	0.05	6.7	2.3	68	1.86	6.3	1	2.5	1.7	10	0.1	0.2	0.2	43	0.08	0.099	25
1463828	36.4	46	0.05	15	8.7	351	2.68	10.6	1.7	7.2	13.2	11	0.2	1	0.4	38	0.12	0.042	29
1463829	16.8	53	0.2	21.8	10.2	287	2.74	8.5	1.3	10.6	14.1	12	0.2	0.9	0.2	48	0.12	0.021	21
1463830	12.5	32	0.05	8.3	4.2	172	1.86	6	0.9	0.6	3	10	0.05	0.4	0.3	41	0.08	0.04	17
1463831	16.1	59	0.1	17.7	9.5	420	3.37	11.5	1.4	3.1	8.8	11	0.2	0.8	0.2	57	0.11	0.045	22
1463832	17.1	63	0.1	24.3	12	387	3.18	9.9	1.6	3.4	9.8	14	0.2	0.8	0.2	59	0.14	0.043	37
1463833	12.9	58	0.05	20.1	9	356	2.63	7	2	3.2	11.2	16	0.1	0.9	0.2	47	0.18	0.034	35
1463834	17.8	64	0.1	19.4	9.2	369	2.56	6.9	3.1	5.4	12.9	16	0.05	0.9	0.2	43	0.17	0.038	50
1463835	14.5	51	0.1	17.7	7.6	268	2.45	6.8	2.3	3.5	9.4	13	0.1	0.9	0.2	44	0.14	0.036	38
1463836	10.7	57	0.1	20.8	8.6	370	2.41	7	1.9	5.4	10.1	21	0.05	0.8	0.2	41	0.23	0.041	30
1463837	12.3	54	0.05	17.2	8	271	2.52	7.6	1.7	2.5	10.4	13	0.05	0.7	0.2	45	0.15	0.043	28
1463838	11.2	52	0.05	16.1	7.9	284	2.29	6.4	1.7	2.4	8.5	12	0.05	0.6	0.2	41	0.15	0.04	28

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1463672	31	0.68	157	0.111	0	1.95	0.008	0.59	0.05	0.01	5.8	0.5	0.025	6	0.25	0.1
1463673	27	0.58	121	0.085	0	1.73	0.006	0.41	0.05	0.02	4.8	0.3	0.025	5	0.25	0.1
1463674	24	0.44	126	0.075	1	1.53	0.006	0.15	0.1	0.02	2.3	0.1	0.025	5	0.25	0.1
1463675	23	0.43	129	0.079	1	1.42	0.007	0.14	0.2	0.01	2.4	0.1	0.025	5	0.25	0.1
1463676	28	0.56	230	0.059	1	1.67	0.008	0.13	0.1	0.06	7	0.1	0.025	5	0.25	0.1
1463677	35	0.79	232	0.062	0	2.26	0.008	0.3	0.05	0.02	3.9	0.2	0.025	7	0.25	0.1
1463678	34	0.48	191	0.062	1	1.79	0.009	0.07	0.05	0.02	4.6	0.05	0.025	5	0.25	0.1
1463679	36	0.87	156	0.048	0	2.26	0.005	0.26	0.05	0.005	3.4	0.2	0.025	8	0.25	0.1
1463680	34	0.74	170	0.091	0	1.88	0.006	0.47	0.05	0.005	3.8	0.3	0.025	7	0.25	0.1
1463681	26	0.47	187	0.066	0	1.47	0.007	0.22	0.05	0.04	3.5	0.2	0.025	5	0.25	0.1
1463816	34	0.61	376	0.073	1	1.49	0.009	0.13	0.3	0.08	5.1	0.2	0.025	5	0.6	0.1
1463817	27	0.69	226	0.104	2	1.78	0.007	0.22	0.3	0.07	5.4	0.3	0.025	6	0.25	0.1
1463818	26	0.83	205	0.125	2	1.71	0.009	0.51	0.3	0.05	5.5	0.4	0.025	6	0.25	0.1
1463819	32	0.55	279	0.064	2	1.49	0.007	0.08	0.2	0.08	5.6	0.1	0.025	5	0.5	0.1
1463820	20	0.58	248	0.081	1	1.32	0.009	0.22	0.2	0.06	4.5	0.2	0.025	5	0.25	0.1
1463821	30	0.61	323	0.072	1	1.58	0.008	0.1	0.2	0.08	5.7	0.1	0.025	5	0.6	0.1
1463822	33	0.61	256	0.074	2	1.74	0.006	0.12	0.2	0.07	6.1	0.2	0.025	5	0.7	0.1
1463823	12	0.48	213	0.047	0	0.97	0.004	0.24	0.1	0.05	4	0.1	0.025	4	0.25	0.1
1463824	34	0.5	161	0.053	0	1.99	0.007	0.11	0.2	0.05	3.7	0.2	0.025	5	0.5	0.1
1463825	28	0.44	146	0.05	2	1.81	0.005	0.07	0.1	0.04	3	0.1	0.025	5	1.1	0.1
1463826	28	0.44	128	0.044	2	1.64	0.006	0.07	0.2	0.04	3	0.1	0.025	5	0.25	0.1
1463827	18	0.16	164	0.036	1	1.09	0.005	0.05	0.05	0.03	1.9	0.1	0.025	6	0.25	0.1
1463828	25	0.54	183	0.072	0	1.55	0.007	0.2	0.2	0.04	3.8	0.2	0.025	6	0.25	0.1
1463829	36	0.65	192	0.075	1	1.88	0.006	0.15	0.2	0.05	4.3	0.2	0.025	5	0.25	0.1
1463830	18	0.29	139	0.049	0	1.13	0.005	0.08	0.2	0.04	2	0.1	0.025	7	0.25	0.1
1463831	32	0.59	212	0.08	0	1.81	0.006	0.13	0.2	0.05	4.3	0.2	0.025	7	0.25	0.1
1463832	40	0.71	270	0.082	2	2.02	0.007	0.15	0.2	0.05	5.2	0.2	0.025	6	0.25	0.1
1463833	32	0.69	290	0.09	1	1.45	0.006	0.19	0.3	0.05	5.2	0.2	0.025	5	0.25	0.1
1463834	30	0.64	327	0.087	1	1.43	0.007	0.17	0.2	0.12	6.2	0.2	0.025	5	0.25	0.1
1463835	35	0.55	203	0.074	2	1.36	0.006	0.18	0.2	0.09	4.3	0.3	0.025	5	0.25	0.1
1463836	34	0.59	376	0.076	1	1.25	0.008	0.13	0.3	0.07	4.9	0.2	0.025	5	0.25	0.1
1463837	38	0.56	208	0.078	0	1.56	0.007	0.13	0.3	0.05	4.4	0.2	0.025	5	0.25	0.1
1463838	29	0.53	177	0.075	0	1.33	0.006	0.14	0.2	0.06	3.8	0.2	0.025	5	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1463839	BHC	Joshuah Forrester	10/18/2016 0:00	07N	618494	7037807	-138.6236839	63.44892273		1103
1463840	BHC	Joshuah Forrester	10/18/2016 0:00	07N	618520	7037808	-138.6231623	63.44892304		1095
1463841	BHC	Joshuah Forrester	10/18/2016 0:00	07N	618545	7037808	-138.6226614	63.44891471		1087
1463842	BHC	Joshuah Forrester	10/18/2016 0:00	07N	618570	7037807	-138.6221613	63.44889742		1080
1463843	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614000	7031363	-138.7183209	63.39260301		745
1463844	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614025	7031364	-138.7178203	63.39260399		755
1463845	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614049	7031365	-138.7173396	63.39260529		752
1463846	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614075	7031364	-138.7168205	63.39258801		747
1463847	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614099	7031364	-138.7163406	63.39258034		745
1463848	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614125	7031364	-138.7158207	63.39257202		736
1463849	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614151	7031365	-138.7153001	63.39257267		730
1463850	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614151	7031365	-138.7153001	63.39257267	1463849	730
1463851	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614175	7031363	-138.7148216	63.39254706		726
1463852	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614201	7031363	-138.7143017	63.39253874		725
1463853	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614224	7031363	-138.7138418	63.39253138		723
1463853	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614224	7031363	-138.7138418	63.39253138		723
1463854	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614250	7031365	-138.7133205	63.39254099		716
1463855	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614276	7031363	-138.7128021	63.39251473		717
1463856	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614299	7031364	-138.7123415	63.39251633		709
1463857	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614326	7031363	-138.7118023	63.39249872		703
1463858	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614350	7031363	-138.7113224	63.39249103		699
1463859	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614375	7031363	-138.7108225	63.39248301		692
1463860	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614401	7031363	-138.7103026	63.39247468		682
1463861	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614426	7031363	-138.7098027	63.39246666		685
1463862	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614450	7031363	-138.7093228	63.39245897		685
1463863	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614476	7031364	-138.7088022	63.3924596		684
1463864	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614501	7031363	-138.7083031	63.39244261		680
1463865	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614525	7031363	-138.7078232	63.39243491		671
1463866	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614551	7031362	-138.707304	63.39241759		674
1463867	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614577	7031364	-138.7067827	63.39242718		681
1463868	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614602	7031360	-138.7062857	63.39238328		678
1463869	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614627	7031363	-138.7057837	63.39240216		679
1463870	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614650	7031362	-138.7053245	63.3923858		678



sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1463839	Auger	80	B	Subtle Slope	Chocolate Brown	No Tree Cover	Thin Moss Cover	Damp	Good	Silt
1463840	Auger	60	B	Subtle Slope	Chocolate Brown	No Tree Cover	Grass Cover	Damp	Good	Silt
1463841	Auger	80	B	Subtle Slope	Chocolate Brown	No Tree Cover	Thin Moss Cover	Damp	Good	Sand
1463842	Auger	70	B	Subtle Slope	Chocolate Brown	Willows	Sphagnum Moss <	Damp	Good	Silt
1463843	Auger	30	B	Pronounced Slope	Dark Brown	Willows	Thin Moss Cover	Damp	Poor	Silt
1463844	Auger	40	B	Pronounced Slope	Chocolate Brown	Birch Forest	Thin Moss Cover	Dry	Good	Silt
1463845	Auger	30	B	Subtle Slope	Chocolate Brown	Birch Forest	Thin Moss Cover	Dry	Good	Silt
1463846	Auger	40	B	Pronounced Slope	Chocolate Brown	Birch Forest	Thin Moss Cover	Damp	Good	Silt
1463847	Auger	40	B	Pronounced Slope	Chocolate Brown	Birch Forest	Thin Moss Cover	Damp	Poor	Silt
1463848	Auger	70	B	Pronounced Slope	Chocolate Brown	Birch Forest	Thin Moss Cover	Dry	Excellent	Silt
1463849	Auger	50	B	Pronounced Slope	Chocolate Brown	Birch Forest	Thin Moss Cover	Dry	Good	Silt
1463850	Auger	50	B	Pronounced Slope	Chocolate Brown	Birch Forest	Thin Moss Cover	Dry	Good	Silt
1463851	Auger	60	B	Pronounced Slope	Chocolate Brown	Birch Forest	Reindeer Moss	Damp	Good	Silt
1463852	Auger	70	B	Subtle Slope	Chocolate Brown	Birch Forest	Thin Moss Cover	Damp	Good	Silt
1463853	Auger	80	B	Subtle Slope	Chocolate Brown	Birch Forest	Thin Moss Cover	Dry	Good	Silt
1463853	Auger	80	B	Subtle Slope	Chocolate Brown	Birch Forest	Thin Moss Cover	Dry	Good	Silt
1463854	Auger	50	B	Subtle Slope	Chocolate Brown	Birch Forest	Thin Moss Cover	Dry	Good	Silt
1463855	Auger	50	B	Subtle Slope	Chocolate Brown	Birch Forest	Thin Moss Cover	Dry	Good	Silt
1463856	Auger	50	B	Pronounced Slope	Chocolate Brown	Birch Forest	Thin Moss Cover	Dry	Good	Silt
1463857	Auger	60	B	Pronounced Slope	Chocolate Brown	Birch Forest	Thin Moss Cover	Dry	Good	Silt
1463858	Auger	50	B	Pronounced Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Dry	Good	Silt
1463859	Auger	60	B	Pronounced Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Damp	Good	Silt
1463860	Auger	60	B	Pronounced Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Dry	Good	Silt
1463861	Auger	60	C	Pronounced Slope	Light Brown	Birch Forest	Thin Moss Cover	Damp	Good	Sand
1463862	Auger	60	B	Pronounced Slope	Light Brown	Birch Forest	Thin Moss Cover	Damp	Good	Silt
1463863	Auger	60	B	Pronounced Slope	Light Brown	Birch Forest	Thin Moss Cover	Dry	Good	Silt
1463864	Auger	60	B	Pronounced Slope	Chocolate Brown	Birch Forest	Thin Moss Cover	Dry	Good	Silt
1463865	Auger	70	B	Pronounced Slope	Light Brown	White Spruce	Grass Cover	Dry	Good	Silt
1463866	Auger	70	B	Pronounced Slope	Chocolate Brown	White Spruce	Needle Cover	Damp	Good	Silt
1463867	Auger	80	B	Subtle Slope	Chocolate Brown	White Spruce	Sphagnum Moss <	Damp	Good	Silt
1463868	Auger	60	B	Subtle Slope	Chocolate Brown	Birch Forest	Leaf Cover	Damp	Excellent	Silt
1463869	Auger	50	B	Subtle Slope	Reddish Brown	White Spruce	Leaf Cover	Damp	Good	Sand
1463870	Auger	80	C	Subtle Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Damp	Good	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1463839	Rocky Sample	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.1	26.1
1463840	Rocky Sample	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	0.8	18.7
1463841	Rocky Sample	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.1	19.7
1463842	Organic 10%			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000424	11/17/2016 0:00	11/2/2016 0:00	1.4	15.4
1463843	Rocky Sample	Frozen	Small sample , out	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1.4	33.2
1463844	Rocky Terrain	Organic 10%	Outcrop nearby	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1.4	21
1463845	Rocky Sample	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1.3	20
1463846	Organic 10%	Rocky Terrain		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.9	15.3
1463847	Rocky Sample	Rocky Terrain		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1.1	11.4
1463848				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1	40.1
1463849	Organic 10%			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1.3	21.4
1463850	Organic 10%			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1.4	25
1463851	Organic 10%	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1.8	36.7
1463852	Rocky Sample	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1.6	67.4
1463853	Organic 10%	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.9	66.7
1463853	Organic 10%	Rocky Sample		REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1.1	61
1463854	Organic 10%			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1.4	51.4
1463855	Rocky Sample	Rocky Terrain		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1.9	27.9
1463856	Rocky Sample		On ridge	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1.8	37
1463857	Rocky Sample	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	2.1	49
1463858	Rocky Sample	Organic 10%	Top 10 cm is reddi	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1.3	30.1
1463859	Rocky Sample	Organic 10%	Top layer is reddis	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	3.5	95.9
1463860	Rocky Sample	Organic 10%	Top layer reddish t	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	3.3	64.6
1463861	Organic 10%		Ridge. Tinge of gre	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.6	52.5
1463862	Rocky Sample	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1	65.6
1463863	Organic 10%			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.7	36.2
1463864	Sandy	Rocky Sample	10%organic	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.8	33.6
1463865	Rocky Sample	Organic 10%	Sudden topograph	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.6	25.3
1463866	Rocky Sample	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1.1	51.5
1463867	Organic 10%			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1.2	47.4
1463868	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.8	47.2
1463869	Rocky Sample	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1	28.7
1463870	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.5	40.3

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1463839	12.3	63	0.05	20.8	9.4	360	2.49	8.7	2.9	3.6	10.9	18	0.05	0.7	0.2	43	0.17	0.048	35
1463840	9.2	53	0.05	15.9	7.9	298	2.14	6.4	1.9	1.7	9.3	14	0.05	0.6	0.1	36	0.18	0.039	27
1463841	10.4	55	0.05	16.6	8	386	2.25	7.2	2.2	2.3	11.7	13	0.05	0.6	0.2	38	0.15	0.041	29
1463842	12.4	58	0.05	15.5	11.1	484	2.68	8.5	2	2.5	7.9	14	0.1	0.6	0.2	51	0.14	0.045	29
1463843	10.5	58	0.1	30	14.8	710	2.66	18.7	0.8	0.8	3.9	26	0.1	0.8	0.2	59	0.36	0.062	13
1463844	10.4	49	0.05	25.2	10.6	319	2.79	15	0.5	2.2	4.9	17	0.05	0.7	0.2	54	0.27	0.031	13
1463845	8.3	44	0.1	19.8	10.9	495	2.64	7.8	0.5	0.9	3.3	21	0.1	0.7	0.2	57	0.32	0.058	10
1463846	9.3	45	0.1	23.6	10.5	589	2.63	9	0.4	2	3.8	21	0.1	0.6	0.2	59	0.35	0.022	11
1463847	8	32	0.05	16.1	8.8	373	2.08	9.3	0.3	1	2.6	16	0.05	0.6	0.1	53	0.23	0.013	10
1463848	10.6	54	0.05	28.5	11.3	311	2.83	16	1	4.9	5.3	17	0.05	1	0.2	54	0.22	0.013	18
1463849	9.7	41	0.2	19.9	10.7	474	2.44	16.6	0.7	1.6	3.5	22	0.1	1.3	0.2	53	0.36	0.068	12
1463850	9.8	42	0.2	20.2	11.2	476	2.47	19.8	0.8	1.7	3.7	23	0.05	1.4	0.2	54	0.38	0.064	13
1463851	10.4	50	0.2	28.4	11.3	341	2.9	53.7	1.4	3.7	5.3	21	0.1	3.2	0.2	55	0.33	0.025	18
1463852	8.7	71	0.2	53.3	15	349	3.01	28.5	1.2	13.5	3.7	71	0.3	1.8	0.2	65	3.53	0.047	19
1463853	6.9	59	0.1	56.6	13.5	306	3.04	11.4	0.8	8.3	4.3	24	0.2	0.8	0.2	62	0.45	0.085	16
1463853	7	64	0.1	57.7	13.4	306	3.06	11.6	0.8	7.3	4.4	24	0.1	0.9	0.1	63	0.45	0.088	17
1463854	7.5	60	0.1	39.4	13.8	240	2.96	46.9	1.1	4.1	3.3	26	0.1	2.5	0.2	80	0.43	0.047	16
1463855	9.3	55	0.2	28.6	11	264	3.01	34.3	0.7	3.4	4.4	19	0.1	2.4	0.2	65	0.29	0.044	11
1463856	9.9	57	0.2	30.9	12.4	280	3.11	42	1	2.8	4.4	26	0.2	3.8	0.2	65	0.41	0.033	16
1463857	9.2	55	0.2	32.5	12.8	343	2.91	51.1	1.3	8.2	4.4	26	0.2	4.2	0.2	60	0.43	0.038	16
1463858	10.2	54	0.2	30.5	12.4	314	2.91	31.1	1.2	3.3	4.8	24	0.2	2.1	0.2	59	0.39	0.026	15
1463859	13.7	143	0.3	52.4	15.7	458	3.12	71.1	2.8	14.3	6.9	22	0.7	3.8	0.2	99	0.32	0.053	33
1463860	10.5	79	0.3	46.3	13.4	435	2.99	66.1	1.6	9.6	4.9	20	0.3	5.2	0.2	75	0.33	0.046	22
1463861	8.2	61	0.2	76.6	18.9	389	3.92	48.1	0.9	17.1	3.6	22	0.05	0.9	0.1	91	0.54	0.025	24
1463862	9.9	60	0.1	47.7	14	417	3.08	38.7	0.8	7.1	6.4	20	0.05	0.9	0.1	73	0.33	0.054	23
1463863	9.2	67	0.05	38.3	17.3	581	4.41	22.7	1.6	0.8	15.9	18	0.05	0.4	0.1	80	0.37	0.053	32
1463864	8.8	54	0.1	30.8	14.5	344	2.99	23.4	1.4	2.7	13.2	17	0.05	0.6	0.1	57	0.32	0.03	28
1463865	8.2	53	0.05	25.4	12.2	310	2.7	10.4	0.9	6.6	5.6	26	0.05	0.4	0.1	57	0.5	0.082	18
1463866	11.1	71	0.05	40.7	15.3	545	3.77	55.9	1	2.9	13.1	33	0.1	0.9	0.1	68	0.48	0.063	18
1463867	11.1	75	0.1	38.4	15.6	672	2.99	16.7	0.6	2.9	6.7	36	0.1	1.1	0.2	57	0.55	0.047	22
1463868	8.9	67	0.05	38.7	14.4	343	3.59	23.5	1.3	53.4	15.3	28	0.05	0.9	0.1	61	0.43	0.03	60
1463869	8.6	86	0.05	31.2	13.6	262	3.5	47.7	0.8	1.7	11.2	26	0.05	0.6	0.1	56	0.33	0.027	25
1463870	14.7	79	0.05	33.8	13.6	458	4.15	19.5	1.1	5.8	19.1	24	0.05	0.4	0.1	54	0.37	0.025	58

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1463839	28	0.53	288	0.072	0	1.53	0.006	0.1	0.2	0.08	5.9	0.2	0.025	5	0.25	0.1
1463840	22	0.5	262	0.07	0	1.19	0.007	0.1	0.2	0.06	4.2	0.1	0.025	4	0.25	0.1
1463841	23	0.44	280	0.074	0	1.27	0.008	0.11	0.3	0.05	4.9	0.2	0.025	5	0.25	0.1
1463842	30	0.52	211	0.068	1	1.63	0.007	0.08	0.2	0.05	4.7	0.2	0.025	6	0.25	0.1
1463843	35	0.42	415	0.036	1	1.85	0.007	0.1	0.2	0.03	5.4	0.2	0.025	6	0.25	0.1
1463844	35	0.42	241	0.051	0	1.61	0.007	0.13	0.2	0.02	5.2	0.05	0.025	4	0.25	0.1
1463845	27	0.38	296	0.039	1	1.38	0.007	0.13	0.2	0.02	3.6	0.1	0.025	5	0.25	0.1
1463846	37	0.44	373	0.047	1	1.75	0.008	0.05	0.2	0.01	4.6	0.1	0.025	5	0.25	0.1
1463847	28	0.34	300	0.033	0	1.42	0.008	0.04	0.2	0.02	2.8	0.1	0.025	5	0.25	0.1
1463848	37	0.52	189	0.059	0	1.47	0.012	0.06	0.2	0.07	6.2	0.05	0.025	4	0.25	0.1
1463849	30	0.38	360	0.034	2	1.52	0.009	0.09	0.2	0.04	4.2	0.1	0.025	5	0.25	0.1
1463850	32	0.38	341	0.036	1	1.54	0.009	0.1	0.2	0.05	4.4	0.1	0.025	5	0.25	0.1
1463851	38	0.45	265	0.056	1	1.48	0.009	0.13	0.2	0.15	5.9	0.1	0.025	4	0.6	0.1
1463852	52	0.74	378	0.075	2	1.6	0.015	0.08	0.2	0.17	5.9	0.1	0.025	5	0.8	0.1
1463853	68	0.89	423	0.135	1	1.44	0.016	0.24	0.2	0.04	5	0.2	0.025	5	0.25	0.1
1463853	72	0.91	455	0.141	1	1.45	0.016	0.24	0.2	0.05	5	0.2	0.025	6	0.6	0.1
1463854	81	0.6	377	0.088	1	1.81	0.006	0.23	0.1	0.09	6.4	0.2	0.025	6	0.25	0.1
1463855	49	0.49	305	0.065	1	1.71	0.008	0.15	0.2	0.08	5.4	0.2	0.025	5	0.6	0.1
1463856	43	0.5	436	0.054	2	1.88	0.006	0.14	0.2	0.1	6.2	0.2	0.025	6	0.7	0.1
1463857	42	0.49	339	0.061	1	1.47	0.01	0.1	0.2	0.44	5.6	0.2	0.025	5	1.4	0.1
1463858	43	0.54	318	0.073	2	1.65	0.011	0.12	0.2	0.11	6	0.1	0.025	5	0.25	0.1
1463859	64	0.68	315	0.08	0	1.62	0.008	0.29	0.2	0.63	8.8	0.4	0.025	6	1.7	0.1
1463860	51	0.56	408	0.058	1	1.49	0.008	0.18	0.2	0.45	6.8	0.2	0.025	6	1.7	0.1
1463861	164	1.65	316	0.079	0	3.37	0.012	0.33	0.05	0.03	11.5	0.2	0.025	8	0.5	0.1
1463862	53	0.83	286	0.103	1	1.76	0.011	0.35	0.2	0.02	6.9	0.3	0.025	6	0.25	0.1
1463863	109	1.4	228	0.223	1	3.1	0.008	1.32	0.2	0.005	9.6	0.6	0.025	11	0.25	0.1
1463864	55	0.62	167	0.078	0	1.84	0.009	0.2	0.1	0.01	7.4	0.2	0.025	7	0.25	0.1
1463865	42	0.84	295	0.104	1	1.5	0.016	0.23	0.2	0.02	4.5	0.2	0.025	5	0.25	0.1
1463866	61	0.76	310	0.069	0	2.07	0.009	0.28	0.2	0.01	6.9	0.3	0.025	8	0.25	0.1
1463867	43	0.7	352	0.089	1	1.83	0.018	0.1	0.1	0.04	5.8	0.2	0.025	6	0.25	0.1
1463868	58	0.79	188	0.124	1	2.46	0.008	0.3	0.2	0.04	8.7	0.3	0.025	9	0.25	0.1
1463869	49	0.67	169	0.097	0	2.21	0.01	0.31	0.1	0.01	6.5	0.4	0.025	8	0.25	0.1
1463870	55	1.08	215	0.237	0	2.91	0.017	0.88	0.1	0.03	6.6	0.6	0.025	10	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1463871	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614675	7031361	-138.7048253	63.3923688		679
1463872	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614701	7031360	-138.7043061	63.39235147		676
1463873	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614726	7031363	-138.7038041	63.39237034		677
1463874	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614751	7031363	-138.7033042	63.3923623		676
1463875	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614751	7031363	-138.7033042	63.3923623	1463874	676
1463876	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614776	7031365	-138.7028029	63.3923722		677
1463877	BHC	Joshuah Forrester	10/23/2016 0:00	07N	614801	7031363	-138.7023045	63.39234622		674
1463878	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616308	7032330	-138.6714692	63.40052968		775
1463879	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616336	7032330	-138.6709092	63.40052055		771
1463880	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616359	7032330	-138.6704491	63.40051305		764
1463881	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616385	7032330	-138.6699291	63.40050456		760
1463882	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616410	7032332	-138.6694277	63.40051434		758
1463883	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616435	7032330	-138.6689291	63.40048825		757
1463884	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616460	7032326	-138.668432	63.40044422		755
1463885	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616485	7032331	-138.6679284	63.40048089		755
1463886	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616510	7032330	-138.6674291	63.40046376		757
1463887	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616535	7032330	-138.6669291	63.40045559		761
1463888	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616560	7032329	-138.6664298	63.40043846		763
1463889	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616586	7032330	-138.665909	63.40043893		765
1463890	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616610	7032332	-138.6654276	63.40044902		767
1463891	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616636	7032332	-138.6649076	63.40044052		768
1463892	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616660	7032330	-138.664429	63.40041474		773
1463893	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616685	7032330	-138.663929	63.40040656		774
1463894	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616710	7032330	-138.663429	63.40039838		772
1463895	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616735	7032332	-138.6629275	63.40040814		774
1463896	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616760	7032330	-138.662429	63.40038202		764
1463897	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616787	7032330	-138.661889	63.40037318		758
1463898	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616810	7032330	-138.661429	63.40036565		754
1463899	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616835	7032330	-138.660929	63.40035746		750
1463900	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616835	7032330	-138.660929	63.40035746	1463899	750
1463926	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	613949	7031763	-138.7190558	63.39620637		696
1463927	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614076	7031761	-138.7165174	63.39614785		717
1463928	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614099	7031765	-138.7160546	63.39617637		719

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1463871	Auger	50	B	Pronounced Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Damp	Good	Sand
1463872	Auger	70	C	Subtle Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Damp	Good	Sand
1463873	Auger	70	B	Subtle Slope	Chocolate Brown	White Spruce	Sphagnum Moss <	Damp	Good	Silt
1463874	Auger	110	C	Subtle Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Damp	Excellent	Sand
1463875	Auger	110	C	Subtle Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Damp	Excellent	Sand
1463876	Auger	60	B	Pronounced Slope	Chocolate Brown	White Spruce	Grass Cover	Damp	Good	Silt
1463877	Auger	60	B	Pronounced Slope	Light Brown	Birch Forest	Grass Cover	Dry	Good	Silt
1463878	Auger	60	C	Subtle Slope	Dark Brown	White Spruce	Thin Moss Cover	Damp	Good	Sand
1463879	Auger	110	C	Subtle Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Damp	Excellent	Sand
1463880	Auger	10	B	Subtle Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Damp	Poor	Silt
1463881	Auger	110	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Excellent	Sand
1463882	Auger	50	B	Subtle Slope	Dark Brown	Old Burn	Grass Cover	Damp	Good	Silt
1463883	Auger	20	B	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Poor	Silt
1463884	Auger	50	B	Subtle Slope	Chocolate Brown	Old Burn	Leaf Cover	Damp	Poor	Gravel
1463885	Auger	50	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1463886	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1463887	Auger	100	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Excellent	Sand
1463888	Auger	110	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Excellent	Sand
1463889	Auger	110	C	Subtle Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Damp	Excellent	Sand
1463890	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Excellent	Sand
1463891	Auger	90	C	Subtle Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Excellent	Gravel
1463892	Auger	50	C	Subtle Slope	Dark Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1463893	Auger	50	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1463894	Auger	70	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Excellent	Gravel
1463895	Auger	80	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Excellent	Sand
1463896	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Excellent	Sand
1463897	Auger	70	B	Pronounced Slope	Dark Brown	Old Burn	Grass Cover	Damp	Excellent	Silt
1463898	Auger	40	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1463899	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1463900	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1463926	Auger	100	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Good	Sand
1463927	Auger	40	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Good	Sand
1463928	Auger	50	C	Subtle Slope	Chocolate Brown	Birch Forest	Reindeer Moss	Dry	Good	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1463871	Fine	Rocky Sample	10% organic	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1	60.2
1463872	Organic 10%			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1.5	68.2
1463873	Rusty Rock Chip	Sandy	10% organic	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.9	39
1463874				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.6	65.4
1463875				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	0.7	73.7
1463876	Rocky Sample	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1.4	83.1
1463877	Rocky Sample	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000428	11/25/2016 0:00	11/2/2016 0:00	1.4	47.8
1463878	Rocky Sample	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	55
1463879			Very micaceous wi	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.1	25.4
1463880	Rocky Sample	Frozen	Soil was too frozer	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.8	17.7
1463881	Rocky Sample			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	23.1
1463882	Rocky Sample	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	2.3	65.4
1463883	Rocky Sample	Organic 10%	Frozen rocky soil	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.5	28.1
1463884	Organic 10%	Sandy	Small topographic	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	3.5	74.3
1463885	Quartz Chips			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	16.9
1463886	Organic 10%	Rocky Sample	South facing drop i	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	29.6
1463887			Gradual darkening	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	19.9
1463888			Mica rich with silve	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.2	44.3
1463889			White mica rich wi	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.2	20.2
1463890				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.4	51
1463891			Mica rich	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.1	23.8
1463892	Rocky Sample			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	26
1463893	Rocky Sample			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.4	17.6
1463894	Sandy			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.2	15.9
1463895	Rocky Sample			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.3	25.9
1463896	Rocky Sample			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.3	24
1463897	Sandy	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.7	30.8
1463898	Organic 10%	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.4	30.5
1463899	Fine	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.4	19.4
1463900	Fine	Rocky Sample		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	18.2
1463926				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	29.9
1463927				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.6	55
1463928				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.1	51

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1463871	9.6	131	0.1	62.3	25.1	366	5.27	21.3	1.2	7.6	8.4	12	0.2	0.4	0.2	68	0.14	0.023	36
1463872	9.6	62	0.05	37.6	15.4	508	3.97	40.3	1.5	10.6	11.6	50	0.05	0.7	0.2	57	2.25	0.029	31
1463873	10.5	88	0.1	39.4	16.8	524	3.48	18.8	0.9	3.3	10.8	32	0.1	0.8	0.1	63	0.43	0.049	35
1463874	68.2	591	0.05	61.7	21.7	645	4.61	36.9	1.7	20.4	16.9	19	0.6	0.5	0.1	75	0.38	0.057	54
1463875	57.6	819	0.1	63.2	21.9	646	4.86	28.5	1.9	31.6	23	17	0.7	0.4	0.1	69	0.36	0.066	55
1463876	16.3	95	0.1	60.6	23.8	395	4.77	34.4	1.4	6	10.2	22	0.05	0.6	0.2	72	0.24	0.021	29
1463877	12.7	61	0.2	45.1	15.1	325	3.03	26.4	0.8	3.8	5.9	24	0.05	1	0.2	61	0.34	0.022	20
1463878	10.6	117	0.05	16.5	19.6	703	7.52	12.8	0.7	0.25	3.3	22	0.05	0.3	0.05	145	0.6	0.192	11
1463879	19.1	86	0.1	29.2	13.6	340	3.61	8.1	1.5	6.9	22.5	19	0.05	0.5	0.1	40	0.48	0.074	67
1463880	12.4	56	0.2	21.7	9.2	369	3.06	16.4	1.3	1.5	8.2	24	0.2	0.5	0.2	45	0.24	0.028	20
1463881	17.4	78	0.05	35	17.8	948	4.69	48.7	1.9	4.8	20.5	20	0.05	0.6	0.2	52	0.45	0.05	56
1463882	28.9	67	0.3	34.8	10.3	362	2.85	28.1	8	6.6	6.3	22	0.3	0.8	0.3	52	0.23	0.029	28
1463883	11.4	47	0.5	21.6	8.8	379	2.54	12.9	1.7	0.8	2.1	25	0.6	0.5	0.2	48	0.23	0.044	20
1463884	13.7	55	0.2	31.5	7.9	432	3.7	24.1	2.9	1.3	7.2	17	0.2	0.9	0.4	57	0.1	0.048	19
1463885	13.1	53	0.05	21.3	9.8	234	2.9	7.3	3.1	3.4	14.7	22	0.05	0.3	0.2	41	0.2	0.019	27
1463886	47	84	0.05	33.3	14.6	616	4.18	4.9	1.4	0.25	18.7	51	0.05	0.2	0.4	58	0.31	0.059	18
1463887	14	59	0.05	25	13.3	835	3.56	2.4	1.1	4.4	28.5	33	0.05	0.3	0.2	43	0.34	0.046	59
1463888	16.8	56	0.05	30.5	15.6	463	3.44	5.8	2	1	25.7	66	0.05	0.2	0.3	31	0.46	0.078	63
1463889	13.6	56	0.05	23.5	12.7	523	3.81	1.8	1.5	1.9	21.3	62	0.05	0.2	0.2	42	0.44	0.073	63
1463890	16.1	73	0.05	32	11.5	319	3.41	9.8	1.6	3.6	20.3	39	0.05	0.5	0.3	38	0.48	0.079	49
1463891	13.1	71	0.05	27.8	12	504	3.68	5.1	1.5	0.25	18.1	53	0.05	0.1	0.3	49	0.37	0.064	63
1463892	15.7	96	0.05	28	14.8	508	4.18	40.6	1.2	0.25	14	25	0.05	0.3	0.3	59	0.16	0.032	14
1463893	15.1	79	0.05	29	13	393	3.79	8.5	0.7	0.25	12.2	21	0.05	0.2	0.2	48	0.19	0.023	18
1463894	19.3	48	0.05	16.5	7.8	325	2.45	6.3	1.9	1	24.2	53	0.05	0.2	0.3	34	0.45	0.031	45
1463895	19.3	80	0.05	34.3	13.3	333	3.49	3.9	1.3	0.25	19.8	42	0.05	0.2	0.2	39	0.45	0.052	41
1463896	19.1	76	0.05	30.1	12.2	283	3.47	6.3	1.3	0.25	13.5	46	0.05	0.2	0.2	38	0.32	0.032	34
1463897	16.9	64	0.05	25	8.7	217	3.11	11.9	3.4	1.8	15.1	25	0.05	0.7	0.2	47	0.24	0.03	94
1463898	14.1	91	0.05	33.5	13.5	322	4.1	3.6	1.7	0.25	15.4	27	0.05	0.1	0.3	49	0.28	0.074	58
1463899	11.1	76	0.05	24.6	10.8	239	3.15	5.7	1.2	0.25	15.5	26	0.05	0.3	0.3	39	0.21	0.049	45
1463900	10.4	62	0.05	22.2	9	190	2.81	6.8	0.8	0.25	10.5	23	0.05	0.4	0.2	41	0.19	0.048	25
1463926	11.7	91	0.05	28.9	13	628	4.08	4.2	1.3	2.6	17.7	19	0.1	0.3	0.2	63	0.47	0.068	31
1463927	10.4	80	0.2	33.3	14.6	354	3.39	27.8	1.1	2.8	3.4	17	0.3	1.2	0.2	71	0.24	0.037	15
1463928	7.8	70	0.05	33	10.5	309	2.75	20.5	1.3	2.9	3.4	17	0.2	0.6	0.1	63	0.25	0.026	15



sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1463871	66	1.61	174	0.29	0	3.52	0.008	1.45	0.1	0.02	10	0.8	0.025	13	0.25	0.1
1463872	34	1.06	268	0.139	0	2.45	0.009	0.84	0.2	0.04	6.2	0.5	0.025	8	0.25	0.1
1463873	63	0.84	319	0.155	0	2.31	0.021	0.35	0.2	0.04	7.3	0.3	0.025	8	0.25	0.1
1463874	99	1.62	453	0.23	0	2.79	0.013	1.03	0.2	0.05	8.9	0.6	0.025	10	0.6	0.1
1463875	84	1.67	450	0.276	0	2.84	0.011	1.15	0.1	0.05	8.2	0.7	0.025	11	0.25	0.1
1463876	64	1.44	370	0.194	0	2.77	0.008	0.84	0.1	0.03	8.3	0.5	0.025	9	0.7	0.1
1463877	55	0.74	284	0.092	1	1.85	0.008	0.21	0.2	0.02	7.3	0.1	0.025	6	0.25	0.1
1463878	27	1.77	946	0.375	0	4.32	0.019	1.81	0.2	0.005	15.2	0.6	0.025	19	0.25	0.1
1463879	34	1.26	230	0.18	0	2.47	0.005	0.92	0.05	0.02	4.7	0.6	0.025	8	0.25	0.1
1463880	37	0.94	306	0.158	0	2.13	0.007	0.61	0.1	0.02	4.5	0.3	0.025	7	0.25	0.1
1463881	53	1.47	407	0.192	0	2.8	0.006	1.17	0.05	0.02	7.4	0.9	0.025	10	0.25	0.1
1463882	32	0.41	185	0.057	1	1.56	0.008	0.11	0.1	0.04	5.2	0.1	0.025	5	0.25	0.1
1463883	26	0.36	282	0.045	0	1.44	0.007	0.12	0.1	0.02	2.5	0.1	0.025	5	0.25	0.1
1463884	29	0.34	194	0.035	0	1.58	0.005	0.11	0.1	0.02	4.3	0.3	0.025	5	0.6	0.1
1463885	31	0.59	147	0.138	1	1.83	0.008	0.5	0.05	0.01	3.5	0.3	0.025	6	0.25	0.1
1463886	53	1	289	0.279	0	2.85	0.018	1.26	0.2	0.005	6.1	0.5	0.025	10	0.25	0.1
1463887	41	0.75	244	0.224	0	2.3	0.017	1.08	0.1	0.01	5.3	0.5	0.025	9	0.25	0.1
1463888	28	0.69	166	0.206	0	2.3	0.033	0.93	0.05	0.02	3.6	0.6	0.025	6	0.25	0.1
1463889	35	0.83	140	0.228	0	2.93	0.048	1.25	0.05	0.005	4.7	0.7	0.025	9	0.25	0.1
1463890	31	0.75	272	0.15	0	2.18	0.034	0.62	0.1	0.02	4.4	0.4	0.025	6	0.25	0.1
1463891	48	1	223	0.27	0	2.68	0.025	1.38	0.2	0.01	6.1	0.5	0.025	9	0.25	0.1
1463892	50	0.98	222	0.295	0	2.74	0.009	1.34	0.2	0.005	6.3	0.7	0.025	10	0.25	0.1
1463893	44	0.94	155	0.277	0	2.58	0.011	0.88	0.2	0.005	4.3	0.5	0.025	8	0.25	0.1
1463894	30	0.59	202	0.189	0	2.2	0.018	0.77	0.05	0.01	5.1	0.4	0.025	7	0.25	0.1
1463895	36	0.81	258	0.242	0	2.8	0.04	0.98	0.05	0.005	4.9	0.5	0.025	7	0.25	0.1
1463896	35	0.77	232	0.196	0	2.61	0.027	0.86	0.05	0.01	4.2	0.5	0.025	7	0.25	0.1
1463897	35	0.57	167	0.093	0	1.76	0.01	0.27	0.1	0.03	7.5	0.2	0.025	5	0.25	0.1
1463898	43	1.11	258	0.248	0	2.78	0.013	1.2	0.05	0.005	5.8	0.5	0.025	9	0.25	0.1
1463899	31	0.7	186	0.158	0	2.01	0.007	0.8	0.1	0.005	3.8	0.4	0.025	6	0.25	0.1
1463900	28	0.57	163	0.114	0	1.67	0.007	0.49	0.1	0.005	3.2	0.3	0.025	5	0.25	0.1
1463926	61	1.2	278	0.242	1	2.68	0.009	1.32	0.2	0.02	9.6	0.8	0.025	11	0.25	0.1
1463927	49	0.81	318	0.142	0	2.05	0.007	0.44	0.1	0.03	5.8	0.4	0.025	7	0.25	0.1
1463928	47	0.82	328	0.145	0	1.83	0.007	0.39	0.1	0.02	5.9	0.3	0.025	6	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1463929	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614126	7031764	-138.7155154	63.39615876		729
1463930	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614150	7031764	-138.7150354	63.39615109		734
1463931	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614175	7031766	-138.7145341	63.39616102		737
1463932	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614200	7031764	-138.7140355	63.39613508		744
1463933	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614225	7031763	-138.7135363	63.39611811		753
1463934	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614249	7031762	-138.7130571	63.39610146		760
1463935	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614275	7031763	-138.7125364	63.3961021		767
1463936	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614300	7031762	-138.7120372	63.39608513		775
1463937	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614326	7031763	-138.7115165	63.39608577		786
1463938	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614349	7031763	-138.7110565	63.39607839		793
1463939	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614378	7031761	-138.710478	63.39605116		798
1463940	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614402	7031760	-138.7099988	63.3960345		803
1463941	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614426	7031761	-138.7095181	63.39603577		802
1463942	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614451	7031763	-138.7090168	63.39604569		805
1463943	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614474	7031765	-138.7085536	63.3960547		806
1463944	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614500	7031763	-138.7080369	63.39602997		808
1463945	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614526	7031763	-138.7075169	63.39602162		802
1463951	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614551	7031763	-138.707017	63.3960136		796
1463952	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614577	7031761	-138.7064984	63.39598731		795
1463952	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614577	7031761	-138.7064984	63.39598731		795
1463953	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614603	7031761	-138.7059785	63.39597896		798
1463954	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614626	7031761	-138.7055186	63.39597158		799
1463955	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614650	7031761	-138.7050386	63.39596386		801
1463956	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614678	7031759	-138.7044801	63.39593693		807
1463957	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614700	7031762	-138.704038	63.39595676		809
1463958	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614727	7031762	-138.7034981	63.39594808		810
1463959	BHC	Dan Brown Hozjan	10/23/2016 0:00	07N	614750	7031763	-138.7030374	63.39594965		810
1463976	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616862	7032331	-138.6603882	63.40035759		752
1463977	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616886	7032333	-138.6599067	63.40036766		752
1463978	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616912	7032332	-138.6593875	63.40035017		745
1463979	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616936	7032332	-138.6589075	63.4003423		740
1463980	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616961	7032333	-138.6584067	63.40034308		736
1463981	BHC	Joshuah Forrester	10/24/2016 0:00	07N	616986	7032332	-138.6579075	63.40032591		730

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1463929	Auger	50	C	Subtle Slope	Chocolate Brown	Black Spruce	Needle Cover	Dry	Good	Clay
1463930	Auger	50	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Good	Clay
1463931	Auger	50	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Good	Clay
1463932	Auger	40	C	Subtle Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Good	Clay
1463933	Auger	50	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Good	Clay
1463934	Auger	50	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Good	Clay
1463935	Auger	50	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Good	Sand
1463936	Auger	40	C	Subtle Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Good	Sand
1463937	Auger	50	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Good	Sand
1463938	Auger	30	C	Subtle Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Good	Sand
1463939	Auger	40	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Good	Sand
1463940	Auger	40	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Good	Sand
1463941	Auger	30	B	Subtle Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Good	Clay
1463942	Auger	40	C	Subtle Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Good	Clay
1463943	Auger	40	C	Subtle Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Good	Clay
1463944	Auger	40	C	Subtle Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Good	Sand
1463945	Mattock	30	C	Subtle Slope	Chocolate Brown	Black Spruce	Grass Cover	Dry	Good	Sand
1463951	Auger	30	C	Subtle Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Clay
1463952	Auger	40	C	Subtle Slope	Chocolate Brown	Poplar	Reindeer Moss	Dry	Good	Clay
1463952	Auger	40	C	Subtle Slope	Chocolate Brown	Poplar	Reindeer Moss	Dry	Good	Clay
1463953	Auger	40	C	Subtle Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Sand
1463954	Auger	50	C	Subtle Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Good	Sand
1463955	Auger	50	C	Subtle Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Good	Sand
1463956	Auger	50	C	Subtle Slope	Light Brown	Black Spruce	Thin Moss Cover	Dry	Good	Sand
1463957	Auger	50	C	Subtle Slope	Chocolate Brown	Poplar	Thin Moss Cover	Dry	Good	Sand
1463958	Auger	40	C	Subtle Slope	Chocolate Brown	Black Spruce	Reindeer Moss	Dry	Good	Sand
1463959	Auger	40	C	Subtle Slope	Chocolate Brown	Black Spruce	Thin Moss Cover	Dry	Good	Clay
1463976	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Dry	Good	Sand
1463977	Auger	60	C	Pronounced Slope	Chocolate Brown	Dwarf Birch	Thin Moss Cover	Damp	Good	Sand
1463978	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Excellent	Sand
1463979	Auger	110	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Excellent	Sand
1463980	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Excellent	Sand
1463981	Auger	50	B	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand

sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1463929				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.4	24.7
1463930				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1	50.4
1463931				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.4	56
1463932				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.1	31.9
1463933				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.9	34.8
1463934				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.7	86.5
1463935				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.2	52.3
1463936				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.8	56.3
1463937				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.4	51.1
1463938				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1.1	17.2
1463939				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1	44.5
1463940				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	1	31.9
1463941				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	40
1463942				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.7	26.7
1463943				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	38.6
1463944				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.4	67.5
1463945				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.9	76.9
1463951				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.7	34.1
1463952				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	24.4
1463952				REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	23.3
1463953				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.4	64
1463954	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	58
1463955				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.4	39.9
1463956	Fine			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	23.4
1463957				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.4	34.8
1463958				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	37.1
1463959				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.7	22.4
1463976	Fine	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.6	21.9
1463977	Rocky Sample			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.4	28.2
1463978	Fine		Mica rich	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.3	33.8
1463979				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.05	20.7
1463980	Rocky Sample			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.2	32.2
1463981	Rocky Sample	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.5	16.2

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1463929	8.4	56	0.2	25.8	10.9	237	2.56	19.3	0.8	2	3.2	23	0.2	0.7	0.1	56	0.38	0.036	13
1463930	8.5	62	0.2	58.3	15.6	434	3.23	19.1	0.9	5.2	4.1	32	0.2	0.9	0.1	64	0.81	0.077	18
1463931	12.3	93	0.3	54.2	15.5	422	3.1	15.5	1.1	5.6	3.9	42	0.4	0.9	0.2	71	0.74	0.074	19
1463932	8.5	64	0.2	41.9	12.5	208	2.6	9.7	0.6	4.3	1.6	28	0.6	0.5	0.1	66	0.34	0.036	11
1463933	9.8	93	0.4	42.4	12.9	446	2.52	7.6	0.9	1.9	2.5	19	0.6	0.4	0.1	57	0.43	0.058	10
1463934	6.1	71	0.6	81.9	15.9	272	2.86	9.6	1.2	8.6	3.6	43	0.3	0.4	0.05	64	2.47	0.08	18
1463935	6.5	81	0.3	56.8	15.4	213	3.3	9.9	0.5	0.25	2.2	21	0.5	0.4	0.1	76	0.45	0.069	7
1463936	7.5	83	0.05	49.7	12.7	221	3.26	13.1	1.2	6	11	47	0.1	0.4	0.05	73	0.49	0.067	37
1463937	6.7	40	0.05	62	20.4	302	2.98	8.5	0.7	0.7	6.3	36	0.05	0.2	0.05	66	0.45	0.044	16
1463938	8.9	44	0.3	25.9	11.1	263	2.56	7.4	0.4	1.5	2.6	27	0.2	0.3	0.1	59	0.31	0.076	9
1463939	7.7	47	0.05	49.9	17.2	200	3.09	14.1	0.6	1.9	3.2	22	0.05	0.7	0.1	62	0.36	0.065	8
1463940	9.2	51	0.2	48	15.4	301	3.3	10.4	0.6	0.7	3.4	49	0.1	0.5	0.1	73	0.37	0.079	13
1463941	6.8	37	0.05	161.7	21.4	222	2.48	8.8	0.4	1.2	2.2	18	0.05	0.2	0.05	51	0.21	0.055	8
1463942	8.3	46	0.05	49.4	11.7	187	2.54	10.4	0.5	3.6	3.7	30	0.05	0.6	0.1	55	0.31	0.032	12
1463943	6.3	38	0.05	108.4	19.4	350	2.76	34.9	0.4	0.7	3.2	54	0.05	0.4	0.05	51	0.43	0.046	6
1463944	4.4	43	0.05	169.5	25.8	232	2.94	17.7	0.3	0.25	3.4	24	0.05	0.2	0.05	61	0.33	0.039	6
1463945	7	56	0.2	132.1	35.7	339	3.64	7.3	0.4	1.2	2.4	54	0.05	0.3	0.05	72	0.31	0.054	6
1463951	8.2	57	0.2	38.3	17.7	270	3.22	7.1	0.5	1	2.9	18	0.1	0.4	0.1	73	0.2	0.09	11
1463952	6.4	39	0.1	56.6	23.2	182	2.18	6.1	0.3	0.25	2.5	29	0.05	0.3	0.1	41	0.3	0.042	8
1463952	6.3	37	0.1	54.5	22.8	180	2.17	6.1	0.3	0.7	2.4	29	0.05	0.3	0.05	41	0.29	0.041	7
1463953	5	43	0.05	213.2	58.5	358	3.34	5.5	0.4	0.25	2.5	22	0.05	0.2	0.05	55	0.3	0.045	6
1463954	4.9	40	0.05	186.3	25.7	218	2.59	8.6	0.7	4.4	4	15	0.05	0.4	0.05	45	0.19	0.03	13
1463955	5.5	36	0.05	146.7	22.9	218	2.83	7.6	0.3	0.8	3.2	27	0.05	0.2	0.05	55	0.27	0.03	6
1463956	8	41	0.2	35	14.3	229	2.48	7.6	0.4	1	3.5	37	0.05	0.4	0.05	53	0.22	0.039	8
1463957	7.2	46	0.05	44.6	16.9	256	2.76	8.8	0.9	2	6.9	26	0.05	0.4	0.1	56	0.28	0.055	23
1463958	8.8	83	0.05	30.4	19.3	416	4.28	10.7	0.4	1.3	4.9	93	0.05	0.2	0.05	91	0.4	0.046	10
1463959	6.5	53	0.1	54	27.9	528	3.48	3.7	0.4	0.25	3.5	34	0.05	0.2	0.05	83	0.35	0.05	8
1463976	13.9	70	0.05	26.7	10.7	321	3.16	7.5	1.2	0.25	15.3	17	0.05	0.4	0.3	49	0.16	0.03	38
1463977	10.5	81	0.05	33.6	13	257	3.55	6	1.1	1.1	15.5	24	0.05	0.3	0.3	43	0.19	0.045	29
1463978	11.7	80	0.05	29.4	12.4	177	3.48	4.9	2.1	0.9	23.3	20	0.05	0.3	0.3	33	0.17	0.04	73
1463979	26.5	95	0.05	26.4	14.6	1416	3.65	2.8	1.5	0.25	19.4	20	0.1	0.1	0.3	49	0.33	0.061	60
1463980	10.8	80	0.05	28.2	12.9	258	3.48	3.6	2.4	1.3	25.1	19	0.05	0.2	0.3	31	0.24	0.08	70
1463981	15.3	71	0.05	25.1	11.3	331	3.32	6	0.7	0.25	9.8	15	0.05	0.4	0.2	40	0.17	0.026	12

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1463929	41	0.55	291	0.062	1	1.69	0.008	0.06	0.1	0.02	4	0.1	0.025	5	0.25	0.1
1463930	70	0.85	375	0.045	1	1.82	0.013	0.09	0.05	0.05	7.7	0.1	0.025	5	0.25	0.1
1463931	53	0.86	471	0.068	1	1.74	0.025	0.07	0.2	0.05	5.8	0.05	0.025	5	0.25	0.1
1463932	49	0.53	448	0.055	1	1.88	0.012	0.04	0.1	0.02	4.3	0.05	0.025	5	0.25	0.1
1463933	35	0.42	392	0.039	0	1.4	0.007	0.03	0.2	0.02	4.7	0.05	0.025	4	0.25	0.1
1463934	60	0.83	337	0.069	0	1.25	0.01	0.04	0.1	0.05	6.3	0.05	0.025	4	0.25	0.1
1463935	68	0.49	563	0.055	0	1.56	0.007	0.05	0.2	0.01	5.7	0.05	0.025	4	0.25	0.1
1463936	57	0.94	407	0.118	0	2.18	0.016	0.26	0.05	0.005	6.6	0.3	0.025	7	0.25	0.1
1463937	110	1.5	528	0.186	0	2.45	0.018	0.39	0.1	0.005	4.6	0.3	0.025	7	0.25	0.1
1463938	89	0.77	270	0.089	0	1.57	0.009	0.15	0.2	0.03	3	0.1	0.025	6	0.25	0.1
1463939	88	0.84	233	0.081	0	1.72	0.008	0.05	0.1	0.01	5	0.05	0.025	5	0.25	0.1
1463940	90	1	424	0.11	0	2.48	0.011	0.23	0.2	0.01	4	0.2	0.025	7	0.25	0.1
1463941	286	1.61	356	0.147	0	1.96	0.007	0.16	0.05	0.005	1.9	0.1	0.025	7	0.25	0.1
1463942	81	0.74	446	0.072	0	1.72	0.009	0.04	0.2	0.01	3	0.05	0.025	5	0.25	0.1
1463943	128	1.45	309	0.076	0	2.23	0.009	0.04	0.1	0.01	4.1	0.05	0.025	6	0.25	0.1
1463944	218	1.72	291	0.158	0	2.18	0.007	0.18	0.2	0.005	3.1	0.1	0.025	6	0.25	0.1
1463945	105	0.66	10000	0.102	0	2.29	0.01	0.3	4.5	0.02	3.7	0.1	0.025	8	0.25	0.1
1463951	76	0.94	413	0.129	1	2.12	0.008	0.35	0.2	0.02	4.4	0.2	0.025	7	0.5	0.1
1463952	63	0.8	251	0.06	0	1.65	0.009	0.12	0.05	0.005	2.2	0.05	0.025	4	0.25	0.1
1463952	61	0.78	241	0.06	0	1.63	0.009	0.12	0.1	0.005	2.2	0.05	0.025	4	0.25	0.1
1463953	202	1.59	401	0.146	0	2.17	0.007	0.2	0.05	0.005	2.8	0.1	0.025	6	0.25	0.1
1463954	266	1.49	292	0.11	1	1.59	0.01	0.23	0.05	0.01	3.9	0.3	0.025	4	0.25	0.1
1463955	220	1.59	425	0.135	0	2.16	0.008	0.63	0.1	0.005	3.4	0.3	0.025	6	0.25	0.1
1463956	54	0.81	354	0.102	0	1.82	0.009	0.37	0.05	0.005	3.6	0.1	0.025	5	0.25	0.1
1463957	163	1.32	399	0.154	1	2.01	0.009	0.59	0.1	0.01	4.7	0.3	0.025	6	0.25	0.1
1463958	49	1.5	635	0.22	0	3.45	0.023	1.06	0.1	0.005	5.7	0.5	0.025	10	0.25	0.1
1463959	133	1.48	534	0.224	0	2.79	0.011	0.48	0.1	0.01	5.9	0.2	0.025	9	0.25	0.1
1463976	38	0.74	170	0.159	0	2.15	0.008	0.58	0.1	0.005	5	0.3	0.025	7	0.25	0.1
1463977	39	0.93	204	0.174	1	2.32	0.008	0.96	0.05	0.005	6.1	0.5	0.025	7	0.25	0.1
1463978	31	0.85	144	0.188	0	2.2	0.009	0.98	0.05	0.01	4.9	0.6	0.025	7	0.25	0.1
1463979	49	0.95	174	0.144	0	2.11	0.012	0.88	0.1	0.005	5.4	0.4	0.025	9	0.25	0.1
1463980	29	0.89	176	0.173	0	2	0.008	0.94	0.05	0.01	4.6	0.5	0.025	6	0.25	0.1
1463981	33	0.71	186	0.111	0	1.79	0.006	0.5	0.05	0.005	3.6	0.2	0.025	6	0.25	0.1

sample_id	sample_project_id	sample_technician	sample_date	utm_zone	utm_easting	utm_northing	longitude_wgs84	latitude_wgs84	duplicate_of_id	elevation_m
1463982	BHC	Joshuah Forrester	10/24/2016 0:00	07N	617011	7032331	-138.6574082	63.40030874		723
1463983	BHC	Joshuah Forrester	10/24/2016 0:00	07N	617036	7032332	-138.6569074	63.40030951		719
1463984	BHC	Joshuah Forrester	10/24/2016 0:00	07N	617060	7032331	-138.6564282	63.40029267		710
1463985	BHC	Joshuah Forrester	10/24/2016 0:00	07N	617086	7032330	-138.6559089	63.40027517		702
1463986	BHC	Joshuah Forrester	10/24/2016 0:00	07N	617111	7032330	-138.6554089	63.40026696		697
1463986	BHC	Joshuah Forrester	10/24/2016 0:00	07N	617111	7032330	-138.6554089	63.40026696		697
1463987	BHC	Joshuah Forrester	10/25/2016 0:00	07N	614192	7033089	-138.7132494	63.40801975		774
1463988	BHC	Joshuah Forrester	10/25/2016 0:00	07N	614165	7033092	-138.7137874	63.4080553		780
1463989	BHC	Joshuah Forrester	10/25/2016 0:00	07N	614142	7033091	-138.7142483	63.40805369		785
1463990	BHC	Joshuah Forrester	10/25/2016 0:00	07N	614117	7033093	-138.714747	63.40807963		783
1463991	BHC	Joshuah Forrester	10/25/2016 0:00	07N	614094	7033092	-138.7152079	63.40807802		794
1463991	BHC	Joshuah Forrester	10/25/2016 0:00	07N	614094	7033092	-138.7152079	63.40807802		794
1463992	BHC	Joshuah Forrester	10/25/2016 0:00	07N	614066	7033091	-138.7157688	63.40807801		787
1463993	BHC	Joshuah Forrester	10/25/2016 0:00	07N	614042	7033093	-138.7162475	63.40810362		786
1463994	BHC	Joshuah Forrester	10/25/2016 0:00	07N	614016	7033092	-138.7167684	63.40810297		784
1463995	BHC	Joshuah Forrester	10/25/2016 0:00	07N	613992	7033092	-138.7172485	63.40811064		784
1463996	BHC	Joshuah Forrester	10/25/2016 0:00	07N	613967	7033092	-138.7177487	63.40811863		779
1463997	BHC	Joshuah Forrester	10/25/2016 0:00	07N	613942	7033091	-138.7182496	63.40811765		779
1463998	BHC	Joshuah Forrester	10/25/2016 0:00	07N	613915	7033093	-138.7187883	63.40814422		772
1463999	BHC	Joshuah Forrester	10/25/2016 0:00	07N	613891	7033091	-138.7192699	63.40813395		770
1464000	BHC	Joshuah Forrester	10/25/2016 0:00	07N	613891	7033091	-138.7192699	63.40813395	1463999	770

sample_id	sample_method	sample_depth_cm	sampled_horizon	site_slope	soil_colour	site_vegetation	site_ground_cover	sample_moisture	sample_quality	sample_texture
1463982	Auger	60	C	Pronounced Slope	Chocolate Brown	Old Burn	Grass Cover	Damp	Good	Sand
1463983	Auger	50	B	Pronounced Slope	Dark Brown	Old Burn	Thin Moss Cover	Damp	Good	Sand
1463984	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Excellent	Sand
1463985	Auger	70	C	Pronounced Slope	Chocolate Brown	Old Burn	Sphagnum Moss <	Damp	Excellent	Sand
1463986	Auger	110	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Excellent	Sand
1463986	Auger	110	C	Pronounced Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Excellent	Sand
1463987	Auger	50	B	Subtle Slope	Dark Brown	Birch Forest	Leaf Cover	Damp	Good	Sand
1463988	Auger	90	C	Subtle Slope	Greyish Green	Birch Forest	Grass Cover	Damp	Excellent	Sand
1463989	Auger	80	C	Subtle Slope	Greyish Green	Birch Forest	Grass Cover	Damp	Excellent	Sand
1463990	Auger	60	B	Subtle Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Damp	Good	Silt
1463991	Auger	90	C	Subtle Slope	Greyish Green	White Spruce	Thin Moss Cover	Damp	Excellent	Sand
1463991	Auger	90	C	Subtle Slope	Greyish Green	White Spruce	Thin Moss Cover	Damp	Excellent	Sand
1463992	Auger	80	C	Subtle Slope	Chocolate Brown	White Spruce	Thin Moss Cover	Damp	Good	Sand
1463993	Auger	110	C	Subtle Slope	Greyish Green	Birch Forest	Thin Moss Cover	Damp	Excellent	Sand
1463994	Auger	110	C	Subtle Slope	Chocolate Brown	Birch Forest	Thin Moss Cover	Damp	Excellent	Sand
1463995	Auger	70	C	Pronounced Slope	Chocolate Brown	Birch Forest	Thin Moss Cover	Damp	Excellent	Sand
1463996	Auger	90	C	Subtle Slope	Greyish Green	Birch Forest	Thin Moss Cover	Damp	Excellent	Sand
1463997	Auger	30	A	Pronounced Slope	Chocolate Brown	Birch Forest	Thin Moss Cover	Dry	Good	Sand
1463998	Auger	60	B	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Good	Silt
1463999	Auger	90	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Excellent	Sand
1464000	Auger	60	C	Subtle Slope	Chocolate Brown	Old Burn	Thin Moss Cover	Damp	Excellent	Sand



sample_id	sample_note_1	sample_note_2	additional_remark	type	shipment_id	client	job_number	file_created	received	mo_ppm	cu_ppm
1463982	Rocky Sample	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.4	40
1463983	Fine	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.3	38.9
1463984	Rocky Sample			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.3	33.6
1463985	Rocky Sample			SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.8	47.2
1463986			Some gravel	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.4	12.5
1463986			Some gravel	REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000425	11/24/2016 0:00	11/2/2016 0:00	0.3	12.5
1463987	Rocky Sample	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.5	39.6
1463988			Chocolate brown b	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.2	83.6
1463989	Fine	Rocky Sample	Sandy	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.1	92.4
1463990	Rocky Sample	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.3	59
1463991			Top layer is chocol	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.05	53.8
1463991			Top layer is chocol	REP	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.05	50.7
1463992	Rocky Sample	Organic 10%	Deepest 10cm is g	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.3	87.7
1463993			To 50 cm is chocol	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.2	16.1
1463994	Fine		At 100cm are two \	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.3	57.9
1463995			Greyish green regi	SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.2	114.9
1463996				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.2	55.9
1463997	Organic 10%	Rocky Terrain		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	1.2	57.8
1463998	Sandy	Organic 10%		SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.7	33.3
1463999				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.2	58.6
1464000				SOIL	BHC-10-30-2016	S WHITE GOLD COI	WHI16000427	11/25/2016 0:00	11/2/2016 0:00	0.3	75.5

sample_id	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1463982	18.1	80	0.05	30.7	13.5	254	3.83	3.5	2.5	0.9	25.3	15	0.05	0.2	0.3	35	0.25	0.057	87
1463983	14	98	0.05	30.3	14.6	463	4.37	4.5	2.8	1.8	23	14	0.05	0.2	0.5	47	0.23	0.047	82
1463984	16.8	82	0.05	31.4	13.4	332	3.71	3.9	1.5	0.8	25	14	0.05	0.3	0.4	39	0.27	0.072	54
1463985	12.8	93	0.05	38.7	15.3	668	4.4	29.8	2.7	6.4	23.2	10	0.05	0.3	0.2	42	0.21	0.062	65
1463986	21.1	83	0.05	12.7	9.7	615	3.22	2.6	2.1	2.8	38.3	12	0.05	0.4	0.4	43	0.26	0.068	136
1463986	20.6	81	0.05	12.1	9.4	601	3.18	2.7	2.1	2.6	37.8	12	0.05	0.4	0.4	43	0.26	0.068	134
1463987	5.5	40	0.05	171.2	31.3	362	3.38	6.9	0.6	5.8	3.4	16	0.05	0.5	0.1	33	0.19	0.024	10
1463988	1.8	35	0.05	544.3	85.3	698	4.33	4.4	0.6	10.5	3	30	0.05	0.4	0.05	20	0.54	0.021	5
1463989	3.9	40	0.05	499.1	46.8	329	3.73	4.5	0.5	6.4	3.8	17	0.05	0.3	0.05	33	0.34	0.036	14
1463990	3.5	34	0.05	152.1	21.8	144	2.45	4.3	0.5	0.8	3.8	30	0.05	0.1	0.05	54	0.29	0.028	21
1463991	5.2	28	0.05	86.8	15.9	159	1.91	2	0.6	4.2	2	98	0.05	0.05	0.05	44	0.91	0.157	8
1463991	4.9	27	0.05	84.2	15.5	158	1.9	1.9	0.6	3.5	1.9	91	0.05	0.05	0.05	43	0.9	0.153	8
1463992	5.1	36	0.05	69.2	20.5	172	2.74	3.9	0.7	8.7	3	92	0.05	0.2	0.05	54	0.67	0.05	14
1463993	4	29	0.05	15	11.5	105	1.64	0.8	0.3	4.3	0.9	142	0.05	0.05	0.05	46	1.38	0.226	7
1463994	4.9	33	0.05	81.6	12.3	201	2.06	5.7	0.5	7	2.9	48	0.05	0.4	0.05	45	0.52	0.117	13
1463995	5.2	40	0.05	96.8	20.4	223	2.78	3.4	0.6	3.8	7.5	36	0.05	0.2	0.05	50	0.4	0.079	30
1463996	2.4	38	0.05	101.2	18.9	269	2.4	1.5	0.9	2.5	10	54	0.05	0.05	0.4	49	0.49	0.082	23
1463997	6.8	36	0.05	40.2	20.3	266	3.09	5.8	0.5	2.5	2.5	53	0.05	0.4	0.2	72	0.27	0.092	10
1463998	7.7	40	0.05	37.1	11.7	289	2.53	7.4	0.7	2	3.5	33	0.05	0.5	0.1	49	0.36	0.052	16
1463999	6	57	0.05	66.4	20.1	409	3.47	3.5	0.9	4	5.5	55	0.05	0.2	0.05	74	0.78	0.103	14
1464000	4.7	52	0.05	74.4	20.6	319	2.99	3.7	0.8	4	5	55	0.05	0.2	0.05	63	0.75	0.099	14

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm	se_ppm	te_ppm
1463982	35	0.85	190	0.161	0	2.71	0.02	0.88	0.05	0.005	4.9	0.5	0.025	8	0.25	0.1
1463983	42	1.14	290	0.261	0	2.59	0.008	1.07	0.05	0.02	6	0.6	0.025	9	0.25	0.1
1463984	36	0.92	205	0.161	0	2.33	0.01	0.91	0.05	0.01	5.4	0.6	0.025	7	0.25	0.1
1463985	35	0.81	204	0.207	0	1.76	0.007	1	0.1	0.005	5.1	0.7	0.025	6	0.8	0.1
1463986	39	1.07	133	0.181	0	1.94	0.007	1.06	0.2	0.02	8.2	1	0.025	8	0.25	0.1
1463986	38	1.05	135	0.181	0	1.94	0.007	1.03	0.2	0.02	8.1	0.9	0.025	8	0.25	0.1
1463987	83	1.84	317	0.049	1	0.99	0.011	0.06	0.1	0.01	3.5	0.2	0.025	3	0.25	0.1
1463988	403	4.78	801	0.023	2	0.9	0.004	0.01	0.2	0.02	3.7	0.3	0.025	2	0.25	0.1
1463989	485	4.82	513	0.091	1	2.74	0.012	0.13	0.1	0.01	3.6	0.2	0.025	7	0.25	0.1
1463990	157	1.8	571	0.139	0	2.29	0.019	0.45	0.05	0.005	5.1	0.4	0.025	7	0.25	0.1
1463991	41	0.91	760	0.091	0	2.95	0.109	0.23	0.1	0.005	3.9	0.1	0.025	6	0.25	0.1
1463991	41	0.92	720	0.085	0	2.9	0.105	0.23	0.1	0.01	3.9	0.1	0.025	6	0.25	0.1
1463992	57	1.07	460	0.152	0	2.88	0.089	0.16	0.2	0.03	4.5	0.2	0.025	7	0.25	0.1
1463993	19	0.95	895	0.093	0	3.26	0.212	0.29	0.05	0.005	2.4	0.1	0.025	6	0.25	0.1
1463994	74	0.94	413	0.074	0	1.26	0.02	0.13	0.2	0.02	3.6	0.1	0.025	4	0.25	0.1
1463995	149	1.9	461	0.136	0	2.44	0.013	0.4	0.05	0.005	4.9	0.2	0.025	6	0.25	0.1
1463996	183	1.74	729	0.136	0	2.04	0.013	0.55	0.2	0.005	5.9	0.3	0.025	6	0.25	0.1
1463997	44	0.55	605	0.053	0	1.84	0.009	0.12	0.2	0.005	4	0.05	0.025	5	0.25	0.1
1463998	43	0.56	361	0.064	2	1.58	0.017	0.09	0.2	0.02	5	0.05	0.025	5	0.25	0.1
1463999	98	1.58	757	0.158	0	2.64	0.046	0.51	0.2	0.02	5.3	0.2	0.025	8	0.25	0.1
1464000	91	1.4	658	0.117	0	2.52	0.063	0.43	0.1	0.01	4.2	0.2	0.025	7	0.25	0.1