

2019 Soil Data

Sample	Easting	Northing	company	Sampler	Date	Certificate	Ag_PPM_ICP	Al_PCT_ICP	As_PPM_ICP	Au_PPB_ICP	B_PPM_ICP	Ba_PPM_ICP	Bi_PPM_ICP	Ca_PCT_ICP	Cd_PPM_ICP	Co_PPM_ICP	Cr_PPM_ICP	Cu_PPM_ICP
2056440	466977	7130220	Big River	Mlves-Ruyter	8-7-2019	VAN20000109	2.5	0.85	17.7	10.6	2	208	0.3	1.06	3.3	16.4	23	104.3
2056441	466948	7130134	Big River	Mlves-Ruyter	8-7-2019	VAN20000109	3.4	0.52	10.8	24.5	2	262	0.3	0.85	6.1	18.5	24	165.6
2056442	466923	7130028	Big River	Mlves-Ruyter	8-7-2019	VAN20000109	1.3	1.31	12.8	10.6	1	123	0.3	0.08	0.9	12.1	21	78.6
2056443	466890	7129933	Big River	Mlves-Ruyter	8-7-2019	VAN20000109	1.3	1.04	23.8	9.4	2	236	0.3	0.81	4.3	15.3	22	119.8
2056444	466865	7129834	Big River	Mlves-Ruyter	8-7-2019	VAN20000109	1.3	0.89	16.6	6	0.5	150	0.3	0.72	6	17.2	23	73.9
2056445	466837	7129742	Big River	Mlves-Ruyter	8-7-2019	VAN20000109	0.9	1.4	14.9	4.6	1	177	0.3	0.91	1.3	17.4	26	94.7
2056446	466810	7129648	Big River	Mlves-Ruyter	8-7-2019	VAN20000109	0.5	1.3	22.4	4.3	1	79	0.4	0.81	0.8	25.5	19	90
2056447	466774	7129554	Big River	Mlves-Ruyter	8-7-2019	VAN20000109	0.8	1.21	25.3	4.1	0.5	69	0.4	0.48	0.9	27.6	19	68.1
2056448	466748	7129448	Big River	Mlves-Ruyter	8-7-2019	VAN20000109	0.9	1.24	21.9	3.4	0.5	139	0.3	0.69	2	22.5	24	92.7
2056449	466720	7129360	Big River	Mlves-Ruyter	8-7-2019	VAN20000109	0.2	1.85	17.8	3.1	2	141	0.3	0.29	1.1	43.4	42	71
2056450	466689	7129263	Big River	Mlves-Ruyter	8-7-2019	VAN20000109	0.6	1.17	17.4	8.3	0.5	196	0.3	0.12	0.5	9.5	21	41.3
D00069401	463097	7130411	Big River	Mlves-Ruyter	8-10-2019	VAN20000109	0.2	0.98	11.5	3.6	0.5	115	0.2	0.15	0.4	7.3	20	18.7
D00069402	463074	7130162	Big River	Mlves-Ruyter	8-10-2019	VAN20000109	0.4	1.15	16.8	2.4	0.5	143	0.3	0.05	0.4	7.7	21	20.3
D00069403	463135	7129869	Big River	Mlves-Ruyter	8-10-2019	VAN20000109	0.5	0.84	11.5	4.7	0.5	79	0.3	0.08	0.3	6.1	18	27.1
D00069404	463308	7129629	Big River	Mlves-Ruyter	8-10-2019	VAN20000109	0.6	0.76	18.3	2.8	0.5	73	0.3	0.11	0.3	10.5	15	33.6
D00069405	463448	7129613	Big River	Mlves-Ruyter	8-10-2019	VAN20000109	0.4	1.12	16.4	2.4	0.5	84	0.4	0.09	0.3	12.2	20	31
D00069406	463608	7129671	Big River	Mlves-Ruyter	8-10-2019	VAN20000109	0.8	0.77	18.1	5.4	0.5	37	0.3	0.01	0.3	9.6	17	40
D00069407	463691	7129762	Big River	Mlves-Ruyter	8-10-2019	VAN20000109	0.8	1.04	11.1	3.1	0.5	158	0.3	0.25	0.2	4.9	19	20
D00069408	463713	7129841	Big River	Mlves-Ruyter	8-10-2019	VAN20000109	0.8	1.28	13.3	3	0.5	358	0.3	0.42	0.2	9.1	23	27.1
D00069409	463744	7130016	Big River	Mlves-Ruyter	8-10-2019	VAN20000109	0.3	1.85	27.6	0.9	0.5	77	0.4	0.18	0.6	23.4	25	38.8
D00069410	464340	7130589	Big River	Mlves-Ruyter	8-10-2019	VAN20000109	0.5	1.58	12.5	6.1	0.5	93	0.2	0.08	0.4	7.8	28	30.7
D00069411	464320	7130394	Big River	Mlves-Ruyter	8-10-2019	VAN20000109	0.2	2.14	8.8	5.3	0.5	190	0.1	0.49	0.9	40	32	238.1
D00069412	464241	7130227	Big River	Mlves-Ruyter	8-10-2019	VAN20000109	0.4	1.63	12.2	5.5	0.5	78	0.3	0.11	0.8	13.1	24	35.6
D00069413	464243	7129977	Big River	Mlves-Ruyter	8-10-2019	VAN20000109	0.4	0.77	12.6	1.7	0.5	158	0.2	0.18	0.2	6.3	16	12
D00069414	464220	7129747	Big River	Mlves-Ruyter	8-10-2019	VAN20000109	0.1	1.51	10.7	1.8	0.5	640	0.2	0.25	0.1	5.1	23	14.4
D00069415	464308	7129578	Big River	Mlves-Ruyter	8-10-2019	VAN20000109	0.3	1.06	8.7	1.8	0.5	201	0.2	0.46	0.4	6.5	19	15.2
D00069416	464516	7129559	Big River	Mlves-Ruyter	8-10-2019	VAN20000109	0.5	1.25	14.3	4.1	0.5	1094	0.3	0.25	0.3	9.4	20	37.2
D00069426	464678	7129700	Big River	Mlves-Ruyter	8-10-2019	VAN20000109	0.2	1.92	25.4	1.8	0.5	121	0.4	0.1	0.3	13.7	28	30.6
D00069427	464678	7129700	Big River	Mlves-Ruyter	8-10-2019	VAN20000109	0.2	1.92	26.4	1.6	0.5	115	0.4	0.11	0.3	15.5	28	30.8
D00069428	467215	7131405	Big River	Mlves-Ruyter	8-11-2019	VAN20000109	0.1	1.41	14.2	4.4	0.5	54	0.3	0.06	0.1	7.1	24	26.9
D00069429	467191	7131307	Big River	Mlves-Ruyter	8-11-2019	VAN20000109	0.1	1.72	14	2	0.5	89	0.3	0.11	0.2	4.6	28	13.9
D00069430	467161	7131213	Big River	Mlves-Ruyter	8-11-2019	VAN20000109	0.4	1.52	21	3.4	0.5	50	0.3	0.07	0.2	4.5	24	17.6
D00069431	467133	7131120	Big River	Mlves-Ruyter	8-11-2019	VAN20000109	0.4	1.93	16.2	4.2	0.5	52	0.4	0.26	0.3	12	30	31.9
D00069432	467109	7131027	Big River	Mlves-Ruyter	8-11-2019	VAN20000109	0.9	1.29	13.7	7.4	1	200	0.3	0.62	1.3	14.6	28	65
D00069433	467083	7130923	Big River	Mlves-Ruyter	8-11-2019	VAN20000109	0.8	1.75	8.9	5.9	0.5	163	0.3	0.45	0.5	10.7	29	30.3
D00069434	467035	7130835	Big River	Mlves-Ruyter	8-11-2019	VAN20000109	2.3	0.92	14.7	7.9	2	215	0.3	0.54	3.2	11.5	29	60.2
D00069435	467021	7130734	Big River	Mlves-Ruyter	8-11-2019	VAN20000109	2.4	0.98	18.8	14.3	4	412	0.4	1.5	9.7	21.7	30	95.7
D00069436	466989	7130636	Big River	Mlves-Ruyter	8-11-2019	VAN20000109	2.4	1.01	9	12.5	4	415	0.3	0.49	2.6	10	25	122.7
D00069437	466955	7130546	Big River	Mlves-Ruyter	8-11-2019	VAN20000109	2.2	0.93	5.5	13.1	2	259	0.3	0.52	1.4	13.4	30	139.7
D00069438	466932	7130445	Big River	Mlves-Ruyter	8-11-2019	VAN20000109	1.3	1.2	21.8	4.4	3	183	0.3	0.67	4.4	17.3	30	56.5
D00069439	466899	7130350	Big River	Mlves-Ruyter	8-11-2019	VAN20000109	0.8	2.02	10.5	9.7	3	211	0.3	0.06	0.6	8.6	36	59.5
D00069440	466874	7130253	Big River	Mlves-Ruyter	8-11-2019	VAN20000109	0.8	1.57	8.7	9.2	2	189	0.3	0.11	0.9	13.2	32	80.2
D00069441	466849	7130158	Big River	Mlves-Ruyter	8-11-2019	VAN20000109	1.4	1.22	15.2	11.1	0.5	163	0.4	0.24	2.5	16	28	109.8
D00069442	466817	7130062	Big River	Mlves-Ruyter	8-11-2019	VAN20000109	0.7	1.57	10.9	8.6	3	131	0.3	0.12	0.7	9	30	68.6
D00069443	466778	7129971	Big River	Mlves-Ruyter	8-11-2019	VAN20000109	1.2	1.05	20.6	5.1	2	219	0.2	1.31	6.4	22.2	24	94.7
D00069444	466759	7129869	Big River	Mlves-Ruyter	8-11-2019	VAN20000109	1	1.33	16.1	4.4	4	163	0.3	0.94	2.1	16.8	26	76.9
D00069445	466733	7129776	Big River	Mlves-Ruyter	8-11-2019	VAN20000109	1	1.36	13.8	4	1	178	0.3	0.46	1.5	12	32	55
D00069446	466702	7129677	Big River	Mlves-Ruyter	8-11-2019	VAN20000109	1.8	1.11	16.7	5	0.5	125	0.3	0.63	4.9	18	29	81.4

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D00069447	466677	7129582	Big River	MIves-Ruyter	8-11-2019	VAN20000109	2.5	1.27	21.1	8.1	2	166	0.3	0.68	5.1	21.3	35	119.7
D00069448	466648	7129487	Big River	MIves-Ruyter	8-11-2019	VAN20000109	3.3	1.03	19.4	5.6	0.5	142	0.3	0.84	7.3	16.8	32	99.7
D00069449	466620	7129389	Big River	MIves-Ruyter	8-11-2019	VAN20000109	0.5	2.06	9.8	3.7	0.5	307	0.3	0.55	2.1	65.1	39	368
D00069450	466592	7129297	Big River	MIves-Ruyter	8-11-2019	VAN20000109	0.9	1.66	20.3	3.8	0.5	187	0.4	0.13	0.6	12.3	25	53.5
D00069451	467371	7130415	Big River	JMheltretter	8-11-2019	VAN20000109	0.8	1.09	17.1	4.1	3	159	0.3	1.06	2.2	15.3	37	53.5
D00069452	467311	7130351	Big River	JMheltretter	8-11-2019	VAN20000109	2.6	0.84	11.8	12.3	1	253	0.3	0.47	3	22.5	25	179.3
D00069453	467308	7130266	Big River	JMheltretter	8-11-2019	VAN20000109	1.7	0.84	26.8	13.5	0.5	187	0.5	0.75	1.8	13.5	28	70.4
D00069454	467270	7130155	Big River	JMheltretter	8-11-2019	VAN20000109	2.1	1.16	10.4	14.9	2	414	0.3	0.83	1.7	15	25	130.9
D00069455	467240	7130046	Big River	JMheltretter	8-11-2019	VAN20000109	1	1.68	13.4	6.1	0.5	229	0.3	0.17	0.6	8	34	75.8
D00069456	467227	7129961	Big River	JMheltretter	8-11-2019	VAN20000109	1.1	1.69	15.7	15.9	0.5	171	0.4	0.14	1	14.7	30	90.6
D00069457	467196	7129857	Big River	JMheltretter	8-11-2019	VAN20000109	0.3	1.74	12.7	1.8	0.5	122	0.3	0.06	0.2	3.7	31	27.3
D00069458	467155	7129775	Big River	JMheltretter	8-11-2019	VAN20000109	0.7	1.59	13	10.5	0.5	180	0.2	0.46	0.9	12.2	24	66.4
D00069459	467130	7129657	Big River	JMheltretter	8-11-2019	VAN20000109	0.8	1.2	20	5.2	1	98	0.3	0.4	3.2	19	27	45.1
D00069460	467088	7129572	Big River	JMheltretter	8-11-2019	VAN20000109	0.9	1.5	29.9	9.4	0.5	151	0.4	0.09	1.8	15.1	28	98.7
D00069461	467060	7129483	Big River	JMheltretter	8-11-2019	VAN20000109	0.4	1.41	27.9	5.7	2	78	0.3	0.08	0.6	11.6	27	48.1
D00069462	467056	7129374	Big River	JMheltretter	8-11-2019	VAN20000109	0.4	1.31	6.3	5.7	1	68	0.2	0.06	0.5	2.9	25	18.1
D00069463	467006	7129284	Big River	JMheltretter	8-11-2019	VAN20000109	0.1	1.03	12.3	2	0.5	85	0.3	0.21	0.3	11.2	15	29.4
D00069464	466986	7129168	Big River	JMheltretter	8-11-2019	VAN20000109	0.2	1.43	14	2.8	0.5	72	0.3	0.12	1.2	13	23	32.9
D00069465	466986	7129168	Big River	JMheltretter	8-11-2019	VAN20000109	0.2	1.6	16.3	3.5	0.5	79	0.3	0.14	1.7	17.9	26	36.1
D00069466	465845	7130648	Big River	JMheltretter	8-12-2019	VAN20000109	1.2	1.23	20.3	4.7	0.5	252	0.3	0.14	3.1	30.3	29	82
D00069467	465819	7130569	Big River	JMheltretter	8-12-2019	VAN20000109	1.3	1.14	14.7	8.9	2	150	0.3	0.73	2.5	14.2	23	72.5
D00069468	465824	7130468	Big River	JMheltretter	8-12-2019	VAN20000109	0.9	1.52	12.7	8.7	0.5	220	0.3	0.15	1.5	11.9	32	81
D00069469	465794	7130362	Big River	JMheltretter	8-12-2019	VAN20000109	1.2	1.36	9.7	9.5	0.5	199	0.3	0.12	1.2	13	32	87.3
D00069470	465774	7130284	Big River	JMheltretter	8-12-2019	VAN20000109	1.6	1.37	14.2	11.7	1	275	0.3	0.7	3.6	14.8	26	103.2
D00069471	465738	7130159	Big River	JMheltretter	8-12-2019	VAN20000109	1.9	0.97	41.7	9.4	0.5	149	0.5	1.01	3.7	18.7	22	126.8
D00069472	465709	7130096	Big River	JMheltretter	8-12-2019	VAN20000109	1.4	1.25	13.4	4.6	0.5	247	0.2	1.39	1.6	15.7	26	45
D00069473	465654	7129985	Big River	JMheltretter	8-12-2019	VAN20000109	2.1	1.31	12.5	6.6	2	200	0.3	0.92	3.8	12.5	26	62.9
D00069474	465638	7129901	Big River	JMheltretter	8-12-2019	VAN20000109	0.3	1.53	17.4	1.8	0.5	122	0.4	0.11	0.4	14.4	27	31.3
D00069475	465612	7129806	Big River	JMheltretter	8-12-2019	VAN20000109	0.2	1.62	21	3.8	0.5	373	0.4	0.32	0.7	12.3	28	41.3
D00069476	465576	7129726	Big River	JMheltretter	8-12-2019	VAN20000109	1.4	1.37	15.2	10.6	0.5	217	0.2	0.16	3	19	26	106.1
D00069477	465543	7129615	Big River	JMheltretter	8-12-2019	VAN20000109	1.4	1.38	16.6	9.6	0.5	152	0.3	0.09	1.1	16.3	22	81.2
D00069478	465716	7129552	Big River	JMheltretter	8-12-2019	VAN20000109	0.7	1.4	17.7	3.8	0.5	264	0.3	0.49	0.6	10.1	23	44.2
D00069479	465776	7129636	Big River	JMheltretter	8-12-2019	VAN20000109	0.4	1.09	9.3	1.7	0.5	142	0.3	0.79	0.5	8.1	17	19.4
D00069480	465792	7129723	Big River	JMheltretter	8-12-2019	VAN20000109	0.7	1.24	7.7	4.8	2	129	0.2	1.3	2.9	11.8	20	65.1
D00069481	465815	7129834	Big River	JMheltretter	8-12-2019	VAN20000109	0.9	1.32	11.9	4.6	1	159	0.2	0.97	2.7	12.5	24	69.2
D00069482	465843	7129925	Big River	JMheltretter	8-12-2019	VAN20000109	0.8	1.47	16.2	3.2	1	182	0.3	0.48	1	15.3	24	54.2
D00069483	465855	7130034	Big River	JMheltretter	8-12-2019	VAN20000109	2.7	1.01	20.3	8	1	171	0.3	0.83	7.9	21.7	27	129.1
D00069484	465893	7130129	Big River	JMheltretter	8-12-2019	VAN20000109	1.8	1.12	31.2	7.6	1	126	0.4	0.66	5	25.2	37	107.2
D00069485	465911	7130211	Big River	JMheltretter	8-12-2019	VAN20000109	1.9	1.13	11.8	8.3	4	251	0.3	1.21	4	10.5	30	87.7
D00069486	465965	7130311	Big River	JMheltretter	8-12-2019	VAN20000109	1.1	1.35	10.2	9.9	2	167	0.3	0.2	1.1	15.9	33	103.2
D00069487	466019	7130393	Big River	JMheltretter	8-12-2019	VAN20000109	2.8	0.66	14.1	15.4	2	165	0.3	0.24	5.9	20.7	19	190.8
D00069488	466044	7130501	Big River	JMheltretter	8-12-2019	VAN20000109	1.8	1.93	13.4	7.2	2	369	0.3	0.09	0.9	11.5	44	102.4
D00069489	466064	7130593	Big River	JMheltretter	8-12-2019	VAN20000109	0.4	1.67	10.6	6.5	2	118	0.3	0.12	0.7	14.7	42	60.5
D00069490	466098	7130685	Big River	JMheltretter	8-12-2019	VAN20000109	1.8	1.19	16	10.9	3	411	0.4	0.84	2	14.1	31	113.5
D00069491	466117	7130793	Big River	JMheltretter	8-12-2019	VAN20000109	2.8	0.94	14	6.6	3	190	0.2	0.41	5.9	11.6	35	71
D00069492	466153	7130887	Big River	JMheltretter	8-12-2019	VAN20000109	2.4	1.03	7.7	11.9	3	518	0.2	1.13	2.8	7.9	25	73.7
D00069493	466158	7130987	Big River	JMheltretter	8-12-2019	VAN20000109	2.6	1.1	10.4	9	2	229	0.2	0.53	2.9	11.2	36	67.1
D00069494	466205	7131074	Big River	JMheltretter	8-12-2019	VAN20000109	1.1	0.99	19.7	4.7	2	188	0.3	1.16	4.4	12.4	30	55.8

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D00069495	466235	7131168	Big River	JMheltretter	8-12-2019	VAN20000109	2.7	1.01	14.1	10.9	3	214	0.3	1.23	4.6	12.5	40	82.4
D00069496	466257	7131270	Big River	JMheltretter	8-12-2019	VAN20000109	0	1.72	12.7	3.4	1	64	0.3	0.14	0.2	11.7	28	22.1
D00069497	466297	7131366	Big River	JMheltretter	8-12-2019	VAN20000109	0.3	1.83	13.7	3.7	0.5	78	0.3	0.19	0.3	13.3	30	35.1
D00069498	466324	7131459	Big River	JMheltretter	8-12-2019	VAN20000109	0.3	1.66	25.7	4.5	1	76	0.3	0.3	1.6	34.5	24	48.1
D00069499	466355	7131570	Big River	JMheltretter	8-12-2019	VAN20000109	0.1	1.88	17.6	1.1	0.5	72	0.3	0.04	0.2	4.2	30	29.6
D00069500	466366	7131649	Big River	JMheltretter	8-12-2019	VAN20000109	0	1.61	15	2.2	0.5	78	0.3	0.06	0.2	7.5	28	27
D00070501	466366	7131649	Big River	JMheltretter	8-12-2019	VAN20000109	0.1	1.65	15.1	1	0.5	90	0.4	0.07	0.2	8.4	30	27.1
D00070701	465279	7130823	Big River	MIves-Ruyter	8-12-2019	VAN20000109	2.1	1.52	22.9	7.2	2	264	0.4	0.16	1.8	16.1	46	137.2
D00070702	465256	7130738	Big River	MIves-Ruyter	8-12-2019	VAN20000109	0.4	2.24	26	2.6	2	122	0.7	0.04	0.8	11	33	89
D00070703	465229	7130642	Big River	MIves-Ruyter	8-12-2019	VAN20000109	2	2.03	28	7.9	1	135	0.4	0.02	0.7	7.7	85	199.5
D00070704	465201	7130546	Big River	MIves-Ruyter	8-12-2019	VAN20000109	0.9	1.62	11.1	5.9	0.5	275	0.3	0.13	1.3	16	34	139.4
D00070705	465173	7130450	Big River	MIves-Ruyter	8-12-2019	VAN20000109	0.9	1.41	11.7	8.3	0.5	143	0.4	0.08	1.2	11.6	41	115.5
D00070706	465140	7130349	Big River	MIves-Ruyter	8-12-2019	VAN20000109	4.7	1.11	20.8	23.8	3	215	0.5	0.65	12.3	50.1	38	267.5
D00070707	465119	7130259	Big River	MIves-Ruyter	8-12-2019	VAN20000109	3	1.2	24.7	12.1	2	273	0.4	1.05	4	17.3	31	140.8
D00070708	465076	7130158	Big River	MIves-Ruyter	8-12-2019	VAN20000109	0.5	1	17.2	5.3	1	122	0.4	1.32	0.8	18	18	82.1
D00070709	465058	7130064	Big River	MIves-Ruyter	8-12-2019	VAN20000109	0.3	1.38	19.1	6.6	2	94	0.3	0.1	0.3	10	30	40.2
D00070710	465025	7129968	Big River	MIves-Ruyter	8-12-2019	VAN20000109	0.5	1.46	26.1	4.7	3	795	0.5	0.14	0.9	18.1	27	118.2
D00070711	464995	7129874	Big River	MIves-Ruyter	8-12-2019	VAN20000109	0.3	1.04	28.7	2.4	0.5	1141	0.4	0.08	0.2	8.6	20	65
D00070712	464975	7129781	Big River	MIves-Ruyter	8-12-2019	VAN20000109	0.5	0.85	26.6	12	2	147	0.3	0.06	0.2	5.4	21	16.8
D00070713	465221	7129911	Big River	MIves-Ruyter	8-12-2019	VAN20000109	0.7	1.82	24	8.2	0.5	122	0.4	0.09	1	12.8	32	65.6
D00070714	465243	7130009	Big River	MIves-Ruyter	8-12-2019	VAN20000109	0.2	1.6	21.4	1	1	147	0.4	0.47	0.7	29	26	45.2
D00070715	465276	7130105	Big River	MIves-Ruyter	8-12-2019	VAN20000109	0.2	1.18	17.7	2.1	2	100	0.4	0.4	0.6	18.9	17	44.2
D00070716	465302	7130199	Big River	MIves-Ruyter	8-12-2019	VAN20000109	2.3	1.08	20.3	18	1	133	0.5	0.57	3.9	36.4	24	250.4
D00070717	465329	7130291	Big River	MIves-Ruyter	8-12-2019	VAN20000109	2.6	1.53	20.1	17.5	2	254	0.4	0.15	2.9	25.9	27	162.6
D00070718	465362	7130389	Big River	MIves-Ruyter	8-12-2019	VAN20000109	0.6	1.9	14.9	6	1	180	0.4	0.08	0.5	10.3	43	55.7
D00070719	465383	7130489	Big River	MIves-Ruyter	8-12-2019	VAN20000109	3.6	1.37	12.5	16.9	1	132	0.5	0.5	1.4	29.9	47	243.6
D00070720	465416	7130591	Big River	MIves-Ruyter	8-12-2019	VAN20000109	1.5	0.57	5.9	5	1	210	0.5	0.07	3	17.2	14	174.2
D00070721	465449	7130679	Big River	MIves-Ruyter	8-12-2019	VAN20000109	2.3	1.2	35.8	4.6	2	133	0.7	0.03	0.2	1.4	28	16.7
D00070722	465472	7130772	Big River	MIves-Ruyter	8-12-2019	VAN20000109	0.9	1.56	11.9	8	2	124	0.4	0.1	0.7	12.4	39	68.9
D00070723	465504	7130870	Big River	MIves-Ruyter	8-12-2019	VAN20000109	0.8	1.03	12.1	4.5	3	293	0.4	0.18	0.8	8.4	30	69.3
D00070724	465539	7130962	Big River	MIves-Ruyter	8-12-2019	VAN20000109	1.1	0.83	15.4	1.6	2	236	0.2	1.39	3.9	10.4	25	45.9
D00070725	465551	7131063	Big River	MIves-Ruyter	8-12-2019	VAN20000109	4.5	0.93	13.3	8.9	0.5	235	0.3	0.61	8.6	15	35	96.5
D00070726	465589	7131157	Big River	MIves-Ruyter	8-12-2019	VAN20000109	2.1	1.22	18.5	15.3	0.5	108	0.4	0.15	1.2	16.4	30	146.6
D00070727	465619	7131257	Big River	MIves-Ruyter	8-12-2019	VAN20000109	3	1.14	14.8	16.7	0.5	52	0.4	0.31	2.7	18.6	33	127.6
D00070728	465646	7131349	Big River	MIves-Ruyter	8-12-2019	VAN20000109	0.4	1.74	12.8	2.8	1	100	0.3	0.16	0.4	7.5	29	31.6
D00070729	465674	7131443	Big River	MIves-Ruyter	8-12-2019	VAN20000109	0.2	1.93	14.5	3.4	0.5	131	0.3	0.17	0.3	11.4	32	23.4
D00070730	465704	7131540	Big River	MIves-Ruyter	8-12-2019	VAN20000109	0	1.44	11.9	0.7	0.5	71	0.3	0.1	0.2	9.8	27	24.2
D00070731	465702	7131541	Big River	MIves-Ruyter	8-12-2019	VAN20000109	0	1.44	12	1.2	0.5	72	0.3	0.1	0.1	9.7	26	23.2
D00070732	465733	7131638	Big River	MIves-Ruyter	8-12-2019	VAN20000109	0	1.57	18	0.25	0.5	114	0.4	0.07	0.1	4.6	27	21
D00070733	465763	7131734	Big River	MIves-Ruyter	8-12-2019	VAN20000109	0	1.96	14.4	1.5	0.5	73	0.4	0.08	0.2	10	34	27.9
D00070734	465784	7131827	Big River	MIves-Ruyter	8-12-2019	VAN20000109	0	1.06	11.4	2.4	0.5	113	0.2	0.17	0.2	7.5	23	23.9
D00070951	465988	7131129	Big River	LBlackie	8-12-2019	VAN20000109	1.5	0.8	10.8	5.3	1	174	0.2	0.56	4.2	10.8	24	75.5
D00070952	466011	7131232	Big River	LBlackie	8-12-2019	VAN20000109	1.8	1.05	11.8	7.6	2	264	0.3	1.01	3.4	11.7	32	66
D00070953	466045	7131326	Big River	LBlackie	8-12-2019	VAN20000109	1.7	1.22	10	5.8	2	214	0.2	1.28	6.9	19.8	28	52.7
D00070954	466089	7131416	Big River	LBlackie	8-12-2019	VAN20000109	1.2	1.42	8.1	2.8	1	249	0.2	0.25	0.6	10	29	40
D00070955	466089	7131416	Big River	LBlackie	8-12-2019	VAN20000109	1.2	1.48	8.4	4	0.5	258	0.2	0.23	0.6	10.2	29	40.2
D00070956	466120	7131515	Big River	LBlackie	8-12-2019	VAN20000109	0.4	1.67	12.1	1.8	1	88	0.3	0.36	0.4	7.6	28	22.1
D00070957	466142	7131606	Big River	LBlackie	8-12-2019	VAN20000109	1.3	1.15	16.5	5.2	0.5	170	0.3	0.81	3.9	19.8	25	79.4

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D00070958	466163	7131705	Big River	LBlackie	8-12-2019	VAN20000109	0.9	1.19	9.9	7	2	180	0.3	0.79	1.4	8.9	23	56.2
D00071051	465062	7130796	Big River	DMallette	8-12-2019	VAN20000109	1.6	1.31	8	14.5	3	218	0.4	0.18	1.5	22.5	28	137.9
D00071052	465091	7130889	Big River	DMallette	8-12-2019	VAN20000109	2.2	0.83	16.9	10.8	3	253	0.3	0.58	4.2	13.6	22	94.4
D00071053	465118	7130985	Big River	DMallette	8-12-2019	VAN20000109	3.4	0.9	13.8	10.5	2	196	0.3	0.68	5.5	14	25	96.3
D00071054	465149	7131077	Big River	DMallette	8-12-2019	VAN20000109	3	1.09	11.5	8.5	2	228	0.3	0.7	5	13.1	37	85.5
D00071055	465178	7131178	Big River	DMallette	8-12-2019	VAN20000109	2.9	0.89	7.9	14.6	2	228	0.3	0.36	2.6	14.5	25	134.2
D00071056	465202	7131274	Big River	DMallette	8-12-2019	VAN20000109	2.5	1.13	9.6	11.3	2	472	0.3	0.65	2.4	11.8	24	79.8
D00071057	465238	7131369	Big River	DMallette	8-12-2019	VAN20000109	1.2	1.25	9	7	2	353	0.3	0.64	1.5	10.2	27	66.3
D00071058	465272	7131454	Big River	DMallette	8-12-2019	VAN20000109	0.8	1.21	18.7	7.7	1	142	0.3	0.34	3.1	19.8	26	95.2
D00071059	465291	7131554	Big River	DMallette	8-12-2019	VAN20000109	1.1	1.18	12.5	5	4	226	0.3	0.93	5	20.8	24	73.9
D00071060	465318	7131652	Big River	DMallette	8-12-2019	VAN20000109	0.9	1.07	10.5	3.9	2	239	0.2	1.01	3.8	13.2	22	45.2
D00071061	465348	7131756	Big River	DMallette	8-12-2019	VAN20000109	0	1.31	13.2	5.2	1	145	0.2	0.16	0.4	11	21	37
D00071062	465375	7131847	Big River	DMallette	8-12-2019	VAN20000109	0.7	0.99	7.9	3.8	3	485	0.2	1.08	2.9	13.1	15	48.9
D00071063	465405	7131947	Big River	DMallette	8-12-2019	VAN20000109	0.3	1.26	10.2	3.9	2	244	0.2	0.35	0.5	9.6	23	24.2
D00071064	465307	7130919	Big River	DMallette	8-12-2019	VAN20000109	1.9	0.87	12.7	9.8	4	328	0.3	0.99	2.1	10	24	105.2
D00071065	465335	7131027	Big River	DMallette	8-12-2019	VAN20000109	3.8	0.71	16.2	6.1	2	121	0.3	0.79	8.7	16.5	24	101.9
D00071066	465369	7131118	Big River	DMallette	8-12-2019	VAN20000109	4.5	0.97	15.1	14.3	2	141	0.3	0.72	8.6	18.9	27	130.7
D00071067	465395	7131215	Big River	DMallette	8-12-2019	VAN20000109	3.2	1.2	9.3	9.8	2	212	0.3	0.33	4.6	19.1	29	146.9
D00071068	465425	7131311	Big River	DMallette	8-12-2019	VAN20000109	2.8	1.26	15.3	12.1	1	85	0.3	0.44	2.7	14.1	33	89.4
D00071069	465453	7131413	Big River	DMallette	8-12-2019	VAN20000109	2.6	1.22	9.3	9.5	2	294	0.3	0.79	2	20.1	25	68.8
D00071070	465480	7131508	Big River	DMallette	8-12-2019	VAN20000109	0.2	1.2	10.6	1.8	1	112	0.2	0.25	0.5	10.3	22	32.5
D00071071	465515	7131599	Big River	DMallette	8-12-2019	VAN20000109	0.3	1.5	10.2	5	0.5	162	0.3	0.19	0.4	7.5	23	30.1
D00071072	465538	7131698	Big River	DMallette	8-12-2019	VAN20000109	0.1	1.15	7	3.4	0.5	70	0.2	0.12	0.1	4.3	19	15.3
D00071073	465537	7131699	Big River	DMallette	8-12-2019	VAN20000109	0.1	1.09	7.3	3.5	0.5	68	0.1	0.13	0.1	5.1	20	16.6
D00071074	465566	7131792	Big River	DMallette	8-12-2019	VAN20000109	1	1.28	15.8	4.8	2	265	0.3	0.51	2.8	18.3	25	86.2
D00071075	465579	7131880	Big River	DMallette	8-12-2019	VAN20000109	1	1.2	12.2	4.7	2	223	0.3	0.7	3.3	15.6	24	75.3
D00071501	467333	7131067	Big River	LBlackie	8-11-2019	VAN20000109	0.8	2.08	19.3	5.1	0.5	88	0.4	0.27	0.7	25.6	31	45.7
D00071502	467310	7130964	Big River	LBlackie	8-11-2019	VAN20000109	1	1.5	12.8	6.2	0.5	133	0.3	0.46	1.3	11.4	25	47.4
D00071503	467276	7130878	Big River	LBlackie	8-11-2019	VAN20000109	2.4	0.94	11.9	7.6	3	160	0.3	0.7	4	11.5	28	72.2
D00071504	467240	7130775	Big River	LBlackie	8-11-2019	VAN20000109	3	0.96	15.3	8.6	3	183	0.3	0.84	7	17.9	31	99.2
D00071505	467229	7130676	Big River	LBlackie	8-11-2019	VAN20000109	1.1	0.93	20.2	2.7	2	162	0.3	0.78	3.5	12.8	28	42.5
D00071506	467196	7130578	Big River	LBlackie	8-11-2019	VAN20000109	0.8	0.73	11.8	1.4	3	169	0.2	1.84	6.5	9.9	21	26.7
D00071507	467157	7130494	Big River	LBlackie	8-11-2019	VAN20000109	1.4	0.96	14.1	9.3	3	390	0.3	1.16	2.9	12.2	26	93.2
D00071508	467113	7130403	Big River	LBlackie	8-11-2019	VAN20000109	1.8	0.91	15	10.3	3	267	0.3	0.77	2.2	12.9	29	109.9
D00071509	467083	7130297	Big River	LBlackie	8-11-2019	VAN20000109	1.7	0.8	16.8	8.2	4	274	0.3	1.11	3	15.1	20	111.8
D00071510	467050	7130197	Big River	LBlackie	8-11-2019	VAN20000109	3.1	0.95	15.4	12.8	2	263	0.4	0.57	4.9	21.2	26	188.1
D00071511	467049	7130112	Big River	LBlackie	8-11-2019	VAN20000109	1.3	1.24	8.7	10.7	6	172	0.3	0.29	1.5	16	26	109.1
D00071512	467019	7130018	Big River	LBlackie	8-11-2019	VAN20000109	0.4	1.52	13.8	4.9	3	150	0.3	0.1	0.6	7.4	27	45
D00071513	466972	7129921	Big River	LBlackie	8-11-2019	VAN20000109	1	0.85	11.8	9.4	4	180	0.4	0.12	1.1	17	22	98.4
D00071514	466948	7129799	Big River	LBlackie	8-11-2019	VAN20000109	1.1	1.52	12.4	10.5	3	201	0.3	0.17	1.6	13.1	25	93.5
D00071515	466913	7129720	Big River	LBlackie	8-11-2019	VAN20000109	0.5	1.11	11.4	4.4	6	124	0.3	1.23	1.2	12.4	17	48.2
D00071516	466887	7129632	Big River	LBlackie	8-11-2019	VAN20000109	4.5	0.91	32.9	17.2	2	113	0.4	0.85	9.6	25.5	37	120.2
D00071517	466851	7129531	Big River	LBlackie	8-11-2019	VAN20000109	2.1	1.08	16.1	8.2	0.5	123	0.3	0.22	4.2	12.6	27	77.8
D00071518	466833	7129441	Big River	LBlackie	8-11-2019	VAN20000109	0.3	1.26	17.4	2.3	1	84	0.3	0.43	0.8	16.4	20	91.5
D00071519	466797	7129329	Big River	LBlackie	8-11-2019	VAN20000109	0.2	2.44	15.2	0.9	3	99	0.3	0.34	1.1	27.8	59	59.1
D00071520	466770	7129254	Big River	LBlackie	8-11-2019	VAN20000109	0.9	1.51	13.4	3.6	2	381	0.3	0.69	0.8	8.7	25	43.1
D00071521	466771	7129253	Big River	LBlackie	8-11-2019	VAN20000109	1	1.5	13.8	3.3	3	366	0.3	0.68	0.8	9.2	24	44.1
D00071522	465163	7129706	Big River	LBlackie	8-12-2019	VAN20000109	1.2	1.22	16.7	1.9	0.5	96	0.3	0.12	0.8	13.5	25	34.3

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D00071523	465186	7129803	Big River	LBlackie	8-12-2019	VAN20000109	0.2	1.31	16	0.25	1	283	0.3	0.09	0.3	12.2	23	27
D00071524	465333	7129670	Big River	LBlackie	8-12-2019	VAN20000109	0.3	1.83	16.3	3.4	2	150	0.3	0.1	0.3	7.6	29	38.5
D00071525	465388	7129749	Big River	LBlackie	8-12-2019	VAN20000109	0.4	1.57	12	5.6	2	943	0.3	0.3	0.5	9.1	26	48.2
D00071526	465415	7129843	Big River	LBlackie	8-12-2019	VAN20000109	0.4	1.66	9.3	2.4	1	388	0.3	0.22	0.8	7.3	28	21.1
D00071527	465425	7129940	Big River	LBlackie	8-12-2019	VAN20000109	0.2	1.57	19.2	0.7	1	166	0.4	0.05	0.1	7.1	31	45.5
D00071528	465468	7130037	Big River	LBlackie	8-12-2019	VAN20000109	0.6	1.71	25.9	3.9	1	85	0.5	0.25	0.7	22.6	26	58.5
D00071529	465507	7130134	Big River	LBlackie	8-12-2019	VAN20000109	2.2	1.44	15.8	12.6	2	217	0.4	0.24	1.8	18.7	31	125.4
D00071530	465527	7130229	Big River	LBlackie	8-12-2019	VAN20000109	2.5	1.47	18	21.7	1	158	0.5	0.2	2.4	23.8	41	193.1
D00071531	465553	7130327	Big River	LBlackie	8-12-2019	VAN20000110	0.6	1.85	12	2.5	3	118	0.2	0.06	0.5	8.1	34	38.8
D00071532	465585	7130419	Big River	LBlackie	8-12-2019	VAN20000110	1.7	1.19	31.2	8.4	2	223	0.6	0.05	1.6	7.6	43	91.2
D00071533	465623	7130513	Big River	LBlackie	8-12-2019	VAN20000110	0.8	1.7	12	8.4	3	255	0.3	0.08	0.7	13.4	32	72.4
D00071534	465630	7130616	Big River	LBlackie	8-12-2019	VAN20000110	1.3	1.33	8.1	4.4	2	131	0.3	0.03	0.3	9	31	52.4
D00071535	465663	7130704	Big River	LBlackie	8-12-2019	VAN20000110	1.2	1.37	31	6.1	2	174	0.3	0.04	0.2	3.5	41	45.1
D00071536	465700	7130797	Big River	LBlackie	8-12-2019	VAN20000110	0.1	0.86	11	1.6	2	87	0.2	0.13	0.8	6.3	20	18.1
D00071537	465717	7130891	Big River	LBlackie	8-12-2019	VAN20000110	1.7	1.02	12.3	8.5	1	292	0.3	0.62	4.4	12.3	29	63.4
D00071538	465737	7130994	Big River	LBlackie	8-12-2019	VAN20000110	2.4	0.97	9.4	10	2	349	0.2	0.97	2.7	8.9	27	55.7
D00071539	465787	7131084	Big River	LBlackie	8-12-2019	VAN20000110	1.6	0.97	36.5	13.6	3	288	0.5	0.92	3.6	17.6	33	118.4
D00071540	465799	7131183	Big River	LBlackie	8-12-2019	VAN20000110	0.7	1.12	13.7	2.8	3	222	0.3	0.72	1	8.9	29	26.5
D00071541	465835	7131280	Big River	LBlackie	8-12-2019	VAN20000110	1.1	1.33	13.5	9	3	135	0.3	0.37	1	15	24	52.5
D00071542	465874	7131380	Big River	LBlackie	8-12-2019	VAN20000110	0.4	1.77	9	4.5	1	149	0.3	0.78	0.5	28.9	27	30
D00071543	465909	7131475	Big River	LBlackie	8-12-2019	VAN20000110	0.4	1.74	12.7	1.2	2	56	0.3	0.04	0.05	5.7	27	18.2
D00071544	465937	7131560	Big River	LBlackie	8-12-2019	VAN20000110	0.6	1.77	12.4	1.7	2	77	0.3	0.08	0.1	8.4	28	23.5
D00071545	465953	7131666	Big River	LBlackie	8-12-2019	VAN20000110	0.1	1.33	13.6	3.8	2	123	0.2	0.14	0.2	6.3	26	26
D00071546	465980	7131770	Big River	LBlackie	8-12-2019	VAN20000110	0.1	1.01	10.6	4.6	0.5	206	0.2	0.2	0.3	7.5	23	28.2
D00071547	465871	7130754	Big River	LBlackie	8-12-2019	VAN20000110	1.7	1.29	19.2	7.8	0.5	272	0.3	5.36	24	64.4	25	88.2
D00071548	465911	7130841	Big River	LBlackie	8-12-2019	VAN20000110	2.9	1.05	8.7	7.7	2	263	0.2	0.93	7.6	9	32	71
D00071549	465917	7130954	Big River	LBlackie	8-12-2019	VAN20000110	2.2	0.9	9.7	15.5	5	251	0.2	1.23	5.2	8.4	25	79.9
D00071550	465959	7131039	Big River	LBlackie	8-12-2019	VAN20000110	1.2	1.02	16.1	8.1	4	260	0.3	0.8	2.6	10.8	31	52.1
D00071551	468817	7130828	Big River	LBlackie	8-9-2019	VAN20000110	0.5	1.74	13.7	2.9	0.5	100	0.3	0.24	0.3	13.4	26	37.3
D00071552	468783	7130716	Big River	LBlackie	8-9-2019	VAN20000110	3.1	0.89	13.6	11.4	2	161	0.3	0.59	4.7	17.8	28	108.5
D00071553	468779	7130632	Big River	LBlackie	8-9-2019	VAN20000110	4.7	1.02	12.2	9.1	1	161	0.4	0.23	3.8	15.1	34	117
D00071554	468724	7130540	Big River	LBlackie	8-9-2019	VAN20000110	1	1.08	18.2	1.6	1	164	0.3	0.81	3.2	16.1	31	46.3
D00071555	468701	7130444	Big River	LBlackie	8-9-2019	VAN20000110	1.1	0.93	13.7	4.4	2	150	0.3	0.2	3	11.7	27	55.9
D00071556	468675	7130346	Big River	LBlackie	8-9-2019	VAN20000110	3.9	1.11	10.8	4.3	3	85	0.2	0.1	3.2	11.6	26	53.7
D00071557	468667	7130253	Big River	LBlackie	8-9-2019	VAN20000110	0.5	1.73	15.2	5	2	169	0.2	0.17	2	12.8	31	25.2
D00071558	468602	7130135	Big River	LBlackie	8-9-2019	VAN20000110	1.8	1.01	13.8	3.4	3	157	0.3	0.1	1.4	5.9	20	35.4
D00071559	468590	7130061	Big River	LBlackie	8-9-2019	VAN20000110	1	0.67	14.1	3.7	4	194	0.2	2.17	4.4	11.6	19	40.7
D00071560	468552	7129967	Big River	LBlackie	8-9-2019	VAN20000110	0.6	1.18	11.5	3.6	0.5	107	0.3	0.05	0.3	6.2	28	48.3
D00071561	468532	7129881	Big River	LBlackie	8-9-2019	VAN20000110	0.9	1.08	8	2.8	2	241	0.3	0.04	0.2	3.5	18	46.1
D00071562	468546	7129780	Big River	LBlackie	8-9-2019	VAN20000110	1.3	1.63	14.9	9	1	293	0.3	0.11	1.4	12.1	30	80.9
D00071563	468472	7129689	Big River	LBlackie	8-9-2019	VAN20000110	1.1	0.85	14.1	6	3	247	0.2	2.08	5.2	11.3	21	58.8
D00071564	468446	7129584	Big River	LBlackie	8-9-2019	VAN20000110	0.7	0.89	13.3	1.5	4	115	0.2	0.38	1.8	9.7	22	29.9
D00071565	468404	7129482	Big River	LBlackie	8-9-2019	VAN20000110	0.6	0.93	12.7	3.1	0.5	81	0.2	0.09	0.7	8.5	23	28.4
D00071566	468389	7129408	Big River	LBlackie	8-9-2019	VAN20000110	2.4	1.19	13.6	7.7	0.5	164	0.3	0.18	5	13	30	78
D00071567	468355	7129295	Big River	LBlackie	8-9-2019	VAN20000110	0.8	1.41	12.7	7.7	2	75	0.4	0.04	0.8	12.1	31	60.6
D00071568	468362	7129210	Big River	LBlackie	8-9-2019	VAN20000110	2	1.02	8.9	9.8	3	120	0.3	0.61	5.8	10.4	28	74.6
D00071569	468309	7129108	Big River	LBlackie	8-9-2019	VAN20000110	0.5	1	18.4	5.9	1	76	0.3	0.13	0.6	9.5	20	53.3
D00071570	468289	7129006	Big River	LBlackie	8-9-2019	VAN20000110	0.6	0.77	23.6	2.6	2	70	0.3	0.31	2.4	15.1	24	50.1

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D00071571	468266	7128911	Big River	LBlackie	8-9-2019	VAN20000110	0.6	1.18	17.4	5.1	1	105	0.3	0.04	0.4	6.1	25	39.2
D00071572	468218	7128820	Big River	LBlackie	8-9-2019	VAN20000110	0.2	1.81	11.8	1.9	1	312	0.2	0.31	0.3	9.5	31	27.2
D00071573	468218	7128820	Big River	LBlackie	8-9-2019	VAN20000110	0.2	1.77	11.4	2.3	1	292	0.2	0.3	0.3	9.7	31	25.4
D00071574	464595	7129890	Big River	LBlackie	8-10-2019	VAN20000110	0.2	1.05	14.7	0.9	2	1355	0.3	0.17	0.1	10.5	17	73.5
D00071575	464612	7129978	Big River	LBlackie	8-10-2019	VAN20000110	0.3	1.75	23	3.2	2	159	0.3	0.14	2	31.8	24	93.9
D00071576	464659	7130079	Big River	LBlackie	8-10-2019	VAN20000110	1.4	1.28	13.4	6.2	2	198	0.3	0.96	2.3	13.1	22	59.5
D00071577	464676	7130176	Big River	LBlackie	8-10-2019	VAN20000110	0.4	1.7	21.8	4.6	1	41	0.4	0.32	0.5	28.6	22	59.8
D00071578	464692	7130266	Big River	LBlackie	8-10-2019	VAN20000110	1.1	1.36	16	8.5	2	155	0.4	0.49	1.1	31.2	28	116.2
D00071579	464744	7130378	Big River	LBlackie	8-10-2019	VAN20000110	0.9	1.5	14.4	5.9	2	176	0.2	0.56	1.9	10.3	31	59.3
D00071580	464763	7130463	Big River	LBlackie	8-10-2019	VAN20000110	0.8	1.51	13	6.4	3	360	0.3	0.61	6.2	48.3	30	76.7
D00071581	464791	7130566	Big River	LBlackie	8-10-2019	VAN20000110	1.2	1.5	8.4	8.3	2	214	0.3	0.53	4.5	11.6	31	131.2
D00071582	464828	7130645	Big River	LBlackie	8-10-2019	VAN20000110	0.5	1.39	15.1	4.1	1	128	0.3	0.13	1.1	14.7	28	49.6
D00071583	464844	7130752	Big River	LBlackie	8-10-2019	VAN20000110	1.7	1.39	15	5.4	2	281	0.3	0.38	1.6	13.1	31	58.7
D00071584	464876	7130848	Big River	LBlackie	8-10-2019	VAN20000110	1.1	1.37	11.3	5.3	3	197	0.3	0.5	1.6	10.5	27	96.1
D00071585	464908	7130943	Big River	LBlackie	8-10-2019	VAN20000110	1.4	1.06	10	3.7	2	122	0.2	0.07	1.2	6.6	25	34.4
D00071586	464948	7131037	Big River	LBlackie	8-10-2019	VAN20000110	3	1.01	10.2	8.7	2	215	0.2	0.49	3.2	7.2	26	52.5
D00071587	464960	7131130	Big River	LBlackie	8-10-2019	VAN20000110	1.7	1.04	9.6	6.2	3	314	0.2	1.32	6	15.9	28	62.6
D00071588	464977	7131221	Big River	LBlackie	8-10-2019	VAN20000110	0.9	0.8	7.5	3.5	2	517	0.2	0.86	2.1	7.7	20	41.2
D00071589	465021	7131311	Big River	LBlackie	8-10-2019	VAN20000110	0.2	1.25	10.1	3.9	1	93	0.2	0.08	0.4	4.6	26	19.4
D00071590	465051	7131411	Big River	LBlackie	8-10-2019	VAN20000110	0.7	1.26	8.8	4.8	2	190	0.2	0.23	1.5	7.8	27	27.2
D00071591	465080	7131511	Big River	LBlackie	8-10-2019	VAN20000110	0.7	1.34	11.5	2.3	2	150	0.3	0.18	0.8	10.4	22	26.5
D00071592	465107	7131610	Big River	LBlackie	8-10-2019	VAN20000110	0.7	1.29	13.7	3.3	2	63	0.3	0.16	0.4	14.7	23	34.5
D00071593	465137	7131699	Big River	LBlackie	8-10-2019	VAN20000110	0.1	1.43	21.7	1.5	0.5	85	0.3	0.04	0.05	1.7	25	7.6
D00071594	465153	7131793	Big River	LBlackie	8-10-2019	VAN20000110	0	1.6	16.7	2.3	1	77	0.3	0.07	0.2	11.5	29	13.4
D00071595	465176	7131896	Big River	LBlackie	8-10-2019	VAN20000110	0.2	1.35	14.7	2.1	1	83	0.3	0.08	0.2	11.1	23	22.2
D00071596	465209	7132006	Big River	LBlackie	8-10-2019	VAN20000110	0.3	1.52	15.7	1.8	1	132	0.3	0.14	0.4	16.4	27	20
D00071597	465209	7132006	Big River	LBlackie	8-10-2019	VAN20000110	0.2	1.48	12	0.25	1	122	0.2	0.17	0.3	11.3	27	21
D00071598	467403	7131346	Big River	LBlackie	8-11-2019	VAN20000110	0.3	1.65	11.6	1.2	0.5	63	0.3	0.02	0.05	2.4	28	20.3
D00071599	467388	7131260	Big River	LBlackie	8-11-2019	VAN20000110	0.4	1.55	10.1	1.7	1	73	0.3	0.51	0.3	16.9	25	39.7
D00071600	467352	7131165	Big River	LBlackie	8-11-2019	VAN20000110	0.6	1.72	13.7	4.7	0.5	63	0.3	0.39	0.2	8.1	31	34.2
D00071611	468034	7130330	Big River	LBlackie	8-7-2019	VAN20000110	2.3	0.97	11.8	6.7	2	193	0.2	0.33	2.8	12.9	34	56
D00071612	468007	7130224	Big River	LBlackie	8-7-2019	VAN20000110	1.9	0.97	9.9	5.5	1	61	0.2	0.16	3.6	10.8	29	53.3
D00071613	467981	7130134	Big River	LBlackie	8-7-2019	VAN20000110	4.6	1.82	12	10.2	3	127	0.4	0.13	2.8	15.2	36	48.4
D00071614	467956	7130042	Big River	LBlackie	8-7-2019	VAN20000110	0.9	1.66	12.6	9.8	3	343	0.4	0.18	1.1	14.9	31	95.7
D00071615	467924	7129944	Big River	LBlackie	8-7-2019	VAN20000110	1.9	1.44	21.7	13.9	4	279	0.4	0.34	2.3	15.5	25	94.7
D00071616	467892	7129847	Big River	LBlackie	8-7-2019	VAN20000110	1.8	1.33	9.7	12	3	177	0.4	0.24	2.1	23.1	33	150.8
D00071617	467871	7129749	Big River	LBlackie	8-7-2019	VAN20000110	2.2	1.14	18	14.1	3	201	0.3	0.22	2.5	11.3	23	86
D00071618	467842	7129656	Big River	LBlackie	8-7-2019	VAN20000110	0.6	1.51	15.4	4	2	114	0.2	0.09	1.3	10.8	31	34.6
D00071619	467816	7129560	Big River	LBlackie	8-7-2019	VAN20000110	0.4	1.31	12.8	7.8	3	86	0.3	0.1	1.2	9.8	28	45.2
D00071620	467782	7129471	Big River	LBlackie	8-7-2019	VAN20000110	1.7	1.4	15.8	8.7	3	123	0.4	0.14	1.5	12.8	29	59.9
D00071621	467781	7129473	Big River	LBlackie	8-7-2019	VAN20000110	2.4	1.4	16	10.3	3	112	0.4	0.17	1.8	13.1	30	62.5
D00071622	467745	7129360	Big River	LBlackie	8-7-2019	VAN20000110	1.9	1.25	16.4	10.5	3	272	0.3	0.44	3.4	19.5	25	139.6
D00071623	467736	7129279	Big River	LBlackie	8-7-2019	VAN20000110	2.8	1.49	13.1	14.3	2	261	0.4	0.25	4.3	26.9	31	214.2
D00071624	467708	7129182	Big River	LBlackie	8-7-2019	VAN20000110	1.6	1.16	20.1	6.8	3	258	0.3	0.53	9	36.6	19	140.5
D00071625	467686	7129087	Big River	LBlackie	8-7-2019	VAN20000110	2.4	1.45	17.2	8.8	3	322	0.5	0.44	4.5	15.7	29	133
D00071626	467656	7128988	Big River	LBlackie	8-7-2019	VAN20000110	0.7	1.15	17.7	5.4	2	410	0.3	0.49	1.4	13.4	26	86.6
D00071627	466499	7129327	Big River	LBlackie	8-8-2019	VAN20000110	1.1	1.47	29.8	4	2	183	0.4	0.56	1.5	19.7	20	74.8
D00071628	466544	7129410	Big River	LBlackie	8-8-2019	VAN20000110	0.7	1.87	17.3	4.7	2	151	0.5	0.48	2.5	26.4	33	130.7

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D00071629	466569	7129492	Big River	LBlackie	8-8-2019	VAN20000110	3.7	1.27	25.6	3.4	3	185	0.4	1.21	6.7	21.2	40	127
D00071630	466598	7129598	Big River	LBlackie	8-8-2019	VAN20000110	3.1	1.02	19.3	9.8	1	146	0.3	0.62	6.6	16	28	104.5
D00071631	466632	7129696	Big River	LBlackie	8-8-2019	VAN20000110	0.7	1.49	19.1	4.3	2	139	0.4	0.73	1	16.5	24	65.1
D00071632	466650	7129786	Big River	LBlackie	8-8-2019	VAN20000110	0.7	1.47	18.9	2.2	1	136	0.4	0.69	0.9	15.8	23	60.9
D00071633	466671	7129883	Big River	LBlackie	8-8-2019	VAN20000110	1.5	1.4	24.7	9.6	1	107	0.4	0.2	1.9	18.5	31	89.8
D00071634	466702	7129971	Big River	LBlackie	8-8-2019	VAN20000110	0.7	1.16	9	2.1	1	226	0.3	0.3	0.5	8.8	26	46.3
D00071635	467110	7131409	Big River	LBlackie	8-8-2019	VAN20000110	0.1	1.65	14.2	2	3	80	0.3	0.04	0.2	3.4	27	22
D00071636	467097	7131352	Big River	LBlackie	8-8-2019	VAN20000110	0	1.4	16.5	0.7	1	70	0.3	0.04	0.05	2.7	24	11.2
D00071637	467085	7131244	Big River	LBlackie	8-8-2019	VAN20000110	1.1	2.14	18.8	3.7	2	118	0.3	0.15	1.8	33.5	28	94.9
D00071638	467033	7131155	Big River	LBlackie	8-8-2019	VAN20000110	0.9	1.34	12.4	5.1	1	134	0.3	0.43	0.7	12.9	28	33.1
D00071639	467008	7131057	Big River	LBlackie	8-8-2019	VAN20000110	1.2	1.25	14.9	8.7	2	323	0.3	0.67	0.9	13.5	34	44.9
D00071640	466979	7130964	Big River	LBlackie	8-8-2019	VAN20000110	1.2	1.15	15.9	8.4	2	240	0.3	0.58	2.3	12.8	28	79.3
D00071641	466981	7130848	Big River	LBlackie	8-8-2019	VAN20000110	3.1	0.95	8.7	12.9	3	286	0.3	1.03	4	8.2	28	101
D00071642	466947	7130748	Big River	LBlackie	8-8-2019	VAN20000110	1.8	0.94	16.9	7.1	3	392	0.3	1.36	4.5	13.7	27	88.2
D00071643	466904	7130677	Big River	LBlackie	8-8-2019	VAN20000110	1.1	1.02	18.5	5.9	3	173	0.3	1.29	2.6	14.8	29	69.4
D00071644	466882	7130582	Big River	LBlackie	8-8-2019	VAN20000110	3.3	1	7.5	13.9	4	323	0.3	1.13	2.3	19.9	26	158.3
D00071645	466842	7130487	Big River	LBlackie	8-8-2019	VAN20000110	1.9	1.26	10.7	10.1	1	269	0.3	0.17	2.3	17.5	33	109.1
D00071646	466795	7130392	Big River	LBlackie	8-8-2019	VAN20000110	1.7	0.87	17.8	7.8	3	168	0.3	0.09	2.6	8.4	20	73.5
D00071647	466784	7130299	Big River	LBlackie	8-8-2019	VAN20000110	2.2	0.98	6.6	9.4	5	359	0.3	0.64	5.5	16.3	24	123.6
D00071648	466779	7130191	Big River	LBlackie	8-8-2019	VAN20000110	2.2	1.36	23.5	15.7	2	263	0.4	0.7	2.1	35.5	31	112.7
D00071649	466757	7130082	Big River	LBlackie	8-8-2019	VAN20000110	1.1	1.44	9.2	11	3	127	0.3	0.08	0.8	14.5	27	94.5
D00071650	468856	7130917	Big River	LBlackie	8-9-2019	VAN20000110	0.4	1.68	10.9	1.1	2	79	0.4	0.33	0.3	13.9	27	27.8
D00071662	467200	7130261	Big River	DMallette	8-7-2019	VAN20000110	2.3	0.87	21.6	11.8	5	249	0.4	0.73	3.9	18.3	28	122.9
D00071663	467230	7130356	Big River	DMallette	8-7-2019	VAN20000110	1.8	0.77	15.3	7	5	213	0.3	1.17	3.4	20.7	26	105.7
D00071664	467258	7130455	Big River	DMallette	8-7-2019	VAN20000110	1.7	0.98	22.2	8.9	5	241	0.4	0.81	2.8	14.3	33	96.5
D00071665	467286	7130545	Big River	DMallette	8-7-2019	VAN20000110	1.7	1.23	14.7	15.2	3	263	0.4	0.29	1.4	18	27	122.8
D00071666	467317	7130642	Big River	DMallette	8-7-2019	VAN20000110	1.4	1.26	13.5	5.5	1	143	0.3	0.14	2	9	33	40.7
D00071667	467342	7130745	Big River	DMallette	8-7-2019	VAN20000110	1.8	1.38	27.7	8.1	3	179	0.5	0.74	3.8	32.9	71	97.8
D00071668	467374	7130838	Big River	DMallette	8-7-2019	VAN20000110	2.5	1.05	18.5	10.6	2	198	0.4	0.91	4.8	14.7	36	84.4
D00071669	467399	7130934	Big River	DMallette	8-7-2019	VAN20000110	1.7	1.39	12.3	9.1	3	228	0.3	0.32	1.8	8.9	26	76
D00071670	467426	7131025	Big River	DMallette	8-7-2019	VAN20000110	0.6	1.6	14	4.4	1	83	0.3	0.13	0.4	8	26	32.9
D00071671	467459	7131122	Big River	DMallette	8-7-2019	VAN20000110	0.6	1.87	17.7	2.6	2	71	0.3	0.42	0.3	22.8	27	47.8
D00071672	467489	7131221	Big River	DMallette	8-7-2019	VAN20000110	0.7	1.95	18.3	4.3	2	70	0.4	0.52	0.3	18.9	32	56.8
D00071673	467513	7131319	Big River	DMallette	8-7-2019	VAN20000110	0.2	1.99	15.6	1	1	64	0.4	0.03	0.1	1.8	32	26
D00071674	467703	7131260	Big River	DMallette	8-7-2019	VAN20000110	0.2	1.89	20.1	2.4	3	107	0.4	0.1	0.2	5	32	27.1
D00071675	467674	7131161	Big River	DMallette	8-7-2019	VAN20000110	0.4	1.88	11.9	2.2	0.5	66	0.4	0.45	0.3	28.4	30	55.7
D00071676	467649	7131064	Big River	DMallette	8-7-2019	VAN20000110	0.3	2.15	13.3	3.3	0.5	42	0.4	0.2	0.2	13.2	37	52.1
D00071677	467620	7130970	Big River	DMallette	8-7-2019	VAN20000110	3.4	1.38	17.3	14.3	3	139	0.4	0.89	2	13.3	34	118.4
D00071678	467593	7130876	Big River	DMallette	8-7-2019	VAN20000110	1	1.03	17	6.5	5	190	0.2	1.25	2.6	12.7	19	99.5
D00071679	467561	7130782	Big River	DMallette	8-7-2019	VAN20000110	3.9	0.99	13.1	4.5	2	201	0.3	0.48	8.6	14.8	31	81.7
D00071680	467533	7130683	Big River	DMallette	8-7-2019	VAN20000110	2.9	1.1	9.7	8	0.5	182	0.3	0.25	7.6	11.8	33	91.1
D00071681	467501	7130587	Big River	DMallette	8-7-2019	VAN20000110	0.3	0.85	21.3	2.8	3	245	0.3	1.01	1.5	10.6	16	44.8
D00071682	467476	7130493	Big River	DMallette	8-7-2019	VAN20000110	1.5	1.13	21.5	2.4	3	226	0.2	0.67	14.8	15.8	28	50.1
D00071683	467449	7130396	Big River	DMallette	8-7-2019	VAN20000110	1.2	0.82	19.3	7.7	2	186	0.3	1.04	2.2	9.8	21	84.9
D00071684	467421	7130300	Big River	DMallette	8-7-2019	VAN20000110	2.2	1.56	53.6	15.9	2	223	0.6	0.27	4.2	33	111	174.5
D00071685	467390	7130204	Big River	DMallette	8-7-2019	VAN20000110	1.3	0.89	17.8	7.7	2	257	0.2	0.87	5.1	12.7	16	83.1
D00071686	467361	7130108	Big River	DMallette	8-7-2019	VAN20000110	0.4	1.29	16	3.6	2	127	0.2	0.44	1	11.7	22	42.7
D00071687	467339	7130012	Big River	DMallette	8-7-2019	VAN20000110	0.7	1.67	12.9	3.7	0.5	88	0.2	0.09	0.4	7.4	29	31.3

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D00071688	467306	7129914	Big River	DMallette	8-7-2019	VAN20000110	0.7	1.52	20.8	8	2	177	0.4	0.08	0.6	10	29	72.4
D00071689	467277	7129816	Big River	DMallette	8-7-2019	VAN20000110	0.8	1.88	11.1	5.2	3	123	0.2	0.09	0.5	6.9	32	34.3
D00071690	467251	7129724	Big River	DMallette	8-7-2019	VAN20000110	0.8	1.73	10.7	5.5	0.5	128	0.2	0.09	0.5	5.5	31	27.1
D00071691	467220	7129626	Big River	DMallette	8-7-2019	VAN20000110	0.2	1.43	10.6	2.8	0.5	86	0.2	0.11	0.5	7.8	24	22.3
D00071692	467219	7129626	Big River	DMallette	8-7-2019	VAN20000110	0.2	1.51	10.8	5.1	2	85	0.2	0.11	0.5	8.1	24	22.4
D00071693	467193	7129531	Big River	DMallette	8-7-2019	VAN20000110	0.2	1.38	12.5	2.3	2	67	0.2	0.06	0.4	5.1	26	16.2
D00071694	467163	7129437	Big River	DMallette	8-7-2019	VAN20000110	1.1	1.11	31.4	5.8	0.5	82	0.3	0.15	1.7	13.3	19	89.6
D00071695	467131	7129345	Big River	DMallette	8-7-2019	VAN20000110	0.7	0.98	14.5	6.2	2	86	0.5	0.03	1.4	7.4	21	73.2
D00071696	467107	7129248	Big River	DMallette	8-7-2019	VAN20000110	3	1.24	13	10.9	4	209	0.4	0.71	3.6	11.5	24	62.8
D00071697	467075	7129147	Big River	DMallette	8-7-2019	VAN20000110	0.6	1.65	17.8	4.2	3	140	0.4	0.22	2.3	31.3	27	55.7
D00071698	466689	7129263	Big River	MIves-Ruyter	8-7-2019	VAN20000110	0.6	1.19	17	5.6	5	199	0.3	0.12	0.5	9.3	22	40.6
D00071699	466553	7131598	Big River	DMallette	8-8-2019	VAN20000110	0.1	1.71	15	2.1	2	81	0.4	0.07	0.2	10.5	29	39.4
D00071737	467798	7130179	Big River	JMheltretter	8-7-2019	VAN20000110	2.9	0.99	7.4	4.5	2	113	0.2	0.13	1.3	4.5	24	27.6
D00071738	467827	7130271	Big River	JMheltretter	8-7-2019	VAN20000110	1.6	1.03	14.4	12.5	3	422	0.3	0.46	1.6	10.5	20	77.5
D00071739	467870	7130378	Big River	JMheltretter	8-7-2019	VAN20000110	1.4	1.17	20.6	2.8	3	141	0.3	0.56	3	15.8	31	39.2
D00071740	467901	7130466	Big River	JMheltretter	8-7-2019	VAN20000110	1.8	1.03	24.9	12.9	2	201	0.5	0.24	2.2	10.6	26	95.8
D00071741	467924	7130562	Big River	JMheltretter	8-7-2019	VAN20000110	0.8	1.1	21.7	9.4	3	296	0.3	0.78	1.9	10.4	27	47
D00071742	467960	7130658	Big River	JMheltretter	8-7-2019	VAN20000110	1.6	1.04	12.8	5.8	1	259	0.2	1.08	2.8	8.8	28	38.8
D00071743	467996	7130761	Big River	JMheltretter	8-7-2019	VAN20000110	1.9	1.12	10.9	6.4	2	313	0.2	0.66	2.3	8.3	30	49.2
D00071744	468029	7130862	Big River	JMheltretter	8-7-2019	VAN20000110	2.3	1.21	16.3	7.2	2	340	0.3	0.62	2.6	9.2	31	47.2
D00071745	468055	7130944	Big River	JMheltretter	8-7-2019	VAN20000110	2	1.03	15.2	5.8	4	266	0.3	0.95	4.4	13.4	27	84.3
D00071746	468078	7131039	Big River	JMheltretter	8-7-2019	VAN20000110	0.4	1.76	29.2	2.4	2	72	0.4	0.21	0.4	9.2	28	36.9
D00071747	468106	7131138	Big River	JMheltretter	8-7-2019	VAN20000110	0.2	1.87	20.5	1	0.5	71	0.4	0.06	0.2	1.9	30	16.6
D00071748	467894	7131190	Big River	JMheltretter	8-7-2019	VAN20000110	0.2	1.5	18.3	1.1	0.5	47	0.4	0.02	0.05	5	25	17.6
D00071749	467878	7131099	Big River	JMheltretter	8-7-2019	VAN20000110	0.1	1.56	10.5	0.9	2	63	0.4	0.05	0.1	6.5	26	20.2
D00071750	467862	7131012	Big River	JMheltretter	8-7-2019	VAN20000110	0.2	1.82	17.5	2.3	3	60	0.3	0.1	0.4	12.9	27	27.6
D00071751	467836	7130915	Big River	JMheltretter	8-7-2019	VAN20000110	0.2	1.18	11.8	1.4	0.5	60	0.3	0.05	0.2	8.4	16	23.9
D00071751	468344	7130551	Big River	JMheltretter	8-9-2019	VAN20000110	1	0.72	28.9	5.9	3	242	0.3	2.36	2.8	9.9	18	81.6
D00071752	467792	7130813	Big River	JMheltretter	8-7-2019	VAN20000110	2.2	1.02	9.9	9.5	2	150	0.2	0.1	1.8	5.4	26	50.9
D00071752	468311	7130451	Big River	JMheltretter	8-9-2019	VAN20000110	4	0.91	15.4	6.3	2	128	0.3	0.99	9	16.4	34	92.2
D00071753	467774	7130733	Big River	JMheltretter	8-7-2019	VAN20000110	2.1	0.99	10.2	7.9	3	326	0.2	0.92	3.5	8.8	33	45.2
D00071753	468284	7130361	Big River	JMheltretter	8-9-2019	VAN20000110	0.9	1.09	15.7	2.2	2	110	0.2	0.56	3.1	12.5	27	36.2
D00071754	467735	7130624	Big River	JMheltretter	8-7-2019	VAN20000110	1	1.12	12.1	4.6	2	230	0.2	0.37	2.1	10.4	36	42.2
D00071754	468261	7130269	Big River	JMheltretter	8-9-2019	VAN20000110	3.2	1.29	13.2	24.5	3	1543	0.4	0.03	0.5	4.5	18	114.9
D00071755	467707	7130536	Big River	JMheltretter	8-7-2019	VAN20000110	0.7	0.71	18.6	5.3	3	127	0.2	0.87	2.5	12.1	20	41.2
D00071755	468230	7130170	Big River	JMheltretter	8-9-2019	VAN20000110	1.5	1.19	12.9	4.6	3	78	0.2	0.21	2.5	13.2	28	44.6
D00071756	467685	7130435	Big River	JMheltretter	8-7-2019	VAN20000110	2	1.08	9.9	11.6	2	336	0.3	0.16	2.3	10.9	23	98.2
D00071756	468181	7130057	Big River	JMheltretter	8-9-2019	VAN20000110	0.7	1.01	22.9	7.1	0.5	249	0.3	0.74	1.9	13.2	18	67.9
D00071757	467639	7130351	Big River	JMheltretter	8-7-2019	VAN20000110	0.6	0.96	20.4	5.6	0.5	227	0.3	0.41	1.1	11.1	29	47.7
D00071757	468147	7129982	Big River	JMheltretter	8-9-2019	VAN20000110	0.3	1.88	12.1	2.6	0.5	186	0.5	0.09	0.7	15.5	47	116.5
D00071758	467599	7130249	Big River	JMheltretter	8-7-2019	VAN20000110	2.2	1.33	7.8	12.6	2	399	0.2	0.21	2.7	21.9	16	129.2
D00071758	468113	7129898	Big River	JMheltretter	8-9-2019	VAN20000110	1	1.33	20.5	8.8	0.5	171	0.3	0.22	0.9	10.8	21	61.7
D00071759	467582	7130159	Big River	JMheltretter	8-7-2019	VAN20000110	1.1	1.14	20.8	3	2	130	0.3	0.56	3.1	16.1	29	36.4
D00071759	468096	7129797	Big River	JMheltretter	8-9-2019	VAN20000110	0.2	1.65	11.7	4.8	2	105	0.2	0.11	0.3	12.2	27	32.7
D00071760	467557	7130069	Big River	JMheltretter	8-7-2019	VAN20000110	0.7	1.34	24.5	4.9	2	129	0.3	0.72	1.6	18.2	24	58.5
D00071760	468066	7129695	Big River	JMheltretter	8-9-2019	VAN20000110	0.4	1.79	8.9	5.1	2	171	0.3	0.1	1.1	7.1	27	26.3
D00071761	467529	7129953	Big River	JMheltretter	8-7-2019	VAN20000110	0.8	1.63	8.6	6.3	2	85	0.4	0.05	0.3	10.7	37	48.3
D00071761	468043	7129603	Big River	JMheltretter	8-9-2019	VAN20000110	1.5	1.6	12	6.1	2	103	0.2	0.15	2.4	12.6	34	49.3

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D00071762	467499	7129859	Big River	JMheltretter	8-7-2019	VAN20000110	0.5	1.49	15	4.4	2	116	0.3	0.04	0.2	3.9	30	33.8
D00071762	468045	7129493	Big River	JMheltretter	8-9-2019	VAN20000110	3.4	1	12	7.3	2	77	0.2	0.35	8.2	14.6	31	84.6
D00071764	467433	7129674	Big River	JMheltretter	8-7-2019	VAN20000110	0.9	1.32	13.3	6.9	2	98	0.2	0.32	1.2	11.5	24	52.7
D00071764	467992	7129423	Big River	JMheltretter	8-9-2019	VAN20000110	1	1.05	17.6	2.7	2	94	0.2	0.45	4.9	15.1	32	45.8
D00071765	467405	7129582	Big River	JMheltretter	8-7-2019	VAN20000110	2.3	1.47	21	6.1	3	216	0.3	0.76	4	20.8	31	86.5
D00071765	467951	7129297	Big River	JMheltretter	8-9-2019	VAN20000110	2.1	1.67	9.6	7.6	2	124	0.2	0.07	0.6	9.9	26	56
D00071766	467368	7129480	Big River	JMheltretter	8-7-2019	VAN20000110	0.7	1	18.9	2.7	2	92	0.3	0.71	2.4	15.2	24	40.5
D00071766	467921	7129202	Big River	JMheltretter	8-9-2019	VAN20000110	1.7	1.45	10.7	12.9	2	165	0.3	0.07	1.1	10.7	23	72.9
D00071767	467351	7129389	Big River	JMheltretter	8-7-2019	VAN20000110	0.2	1.39	13.2	2.9	2	85	0.2	0.21	1	12	26	26.6
D00071767	467905	7129113	Big River	JMheltretter	8-9-2019	VAN20000110	1.8	1.09	19.8	9.9	2	261	0.4	0.87	4.9	15.7	25	132.7
D00071768	467317	7129285	Big River	JMheltretter	8-7-2019	VAN20000110	1.5	1.51	17.4	9.5	2	87	0.4	0.15	1.5	11.4	31	92.7
D00071768	467882	7129010	Big River	JMheltretter	8-9-2019	VAN20000110	3.1	0.86	68.6	5.8	2	292	0.5	0.04	0.4	1.7	54	75.6
D00071769	467294	7129199	Big River	JMheltretter	8-7-2019	VAN20000110	0.6	1.24	15.4	5.9	2	97	0.3	1.15	1	20	20	103.8
D00071769	467869	7128895	Big River	JMheltretter	8-9-2019	VAN20000110	0	1.72	9.9	3.5	2	258	0.2	0.39	0.4	14	38	66.1
D00071770	467294	7129100	Big River	JMheltretter	8-7-2019	VAN20000111	0.3	2.47	12.1	3.6	2	470	0.3	0.81	0.4	18.4	38	108.4
D00071770	467867	7128894	Big River	JMheltretter	8-9-2019	VAN20000111	0	1.74	10.4	2.9	2	259	0.2	0.39	0.4	13.3	38	61.3
D00071771	467294	7129099	Big River	JMheltretter	8-7-2019	VAN20000111	0.2	2.01	9.7	3.5	1	358	0.2	0.63	0.4	16.4	33	92.5
D00071771	462111	7130202	Big River	JMheltretter	8-10-2019	VAN20000111	1.2	0.35	14.1	4.4	0.5	251	0.3	0.2	0.6	8.3	9	39.9
D00071772	466723	7131520	Big River	JMheltretter	8-8-2019	VAN20000111	0.1	1.62	15.8	0.8	0.5	69	0.3	0.03	0.1	4.6	28	21.9
D00071772	462240	7130450	Big River	JMheltretter	8-10-2019	VAN20000111	0.7	1.26	17.5	2.6	0.5	152	0.4	0.26	0.4	9.6	24	29.4
D00071773	466703	7131466	Big River	JMheltretter	8-8-2019	VAN20000111	0.1	2.01	11.5	0.7	0.5	38	0.3	0.07	0.2	15	31	21.7
D00071773	462265	7130704	Big River	JMheltretter	8-10-2019	VAN20000111	0.8	1.58	18.2	5.8	2	238	0.2	0.15	0.5	6.7	26	50.7
D00071774	466670	7131373	Big River	JMheltretter	8-8-2019	VAN20000111	0.4	2.47	33.6	3.1	1	159	0.5	0.15	0.4	8.8	40	48.6
D00071774	462389	7130865	Big River	JMheltretter	8-10-2019	VAN20000111	3.7	1.07	23.6	9.3	2	122	0.3	0.65	8.9	23.6	36	125.4
D00071775	466657	7131271	Big River	JMheltretter	8-8-2019	VAN20000111	0.4	1.61	9.3	2.2	1	84	0.4	0.28	0.2	14	26	34.6
D00071775	462478	7131112	Big River	JMheltretter	8-10-2019	VAN20000111	1	1.68	17.9	8.3	2	265	0.4	0.12	1.1	11.8	38	76.1
D00071776	466648	7131178	Big River	JMheltretter	8-8-2019	VAN20000111	0.3	1.22	5.6	1.5	3	81	0.2	1.05	0.3	7.8	19	24.1
D00071776	462475	7131353	Big River	JMheltretter	8-10-2019	VAN20000111	0.9	1.2	12.8	7.7	2	187	0.3	0.2	1.1	13.3	28	75.7
D00071777	466619	7131078	Big River	JMheltretter	8-8-2019	VAN20000111	4.3	0.93	17.3	13.7	3	174	0.3	1.15	5.8	9	38	108.8
D00071777	462573	7131544	Big River	JMheltretter	8-10-2019	VAN20000111	1.2	1.04	11.9	9.8	2	238	0.4	0.27	1.9	14.8	31	115.6
D00071778	466577	7130991	Big River	JMheltretter	8-8-2019	VAN20000111	1.3	0.88	23.2	4.7	3	175	0.3	0.62	3.2	10.1	32	60.8
D00071778	462733	7131666	Big River	JMheltretter	8-10-2019	VAN20000111	1.1	1.29	14	8.4	2	243	0.3	0.18	1.5	11.7	29	60.6
D00071779	466534	7130891	Big River	JMheltretter	8-8-2019	VAN20000111	3.2	0.95	10.8	11.5	0.5	156	0.3	0.34	5	10.1	29	70.7
D00071779	462683	7131870	Big River	JMheltretter	8-10-2019	VAN20000111	3.6	1.62	18.5	19.3	0.5	80	0.3	0.2	2.5	16.5	39	107.9
D00071780	466528	7130798	Big River	JMheltretter	8-8-2019	VAN20000111	2.6	0.94	14.1	10.4	5	242	0.3	0.56	3.6	10.1	33	73.1
D00071780	462656	7132136	Big River	JMheltretter	8-10-2019	VAN20000111	0.1	1.78	16	2.9	0.5	117	0.3	0.12	0.2	7.7	30	24
D00071781	466504	7130664	Big River	JMheltretter	8-8-2019	VAN20000111	2.4	1.03	8.7	15.1	4	292	0.3	0.34	2	22.9	24	166.7
D00071781	462709	7132276	Big River	JMheltretter	8-10-2019	VAN20000111	0.5	1.95	13.2	4.5	0.5	160	0.3	0.25	0.3	9.1	31	35.6
D00071782	466473	7130592	Big River	JMheltretter	8-8-2019	VAN20000111	0.7	1.25	8.7	8.8	0.5	197	0.3	0.12	1.1	8.6	32	84.5
D00071782	462921	7132198	Big River	JMheltretter	8-10-2019	VAN20000111	0.7	1.79	17.6	5.2	0.5	77	0.3	0.15	0.6	14.6	28	36.8
D00071783	466449	7130499	Big River	JMheltretter	8-8-2019	VAN20000111	1	1.74	17.5	7.3	0.5	199	0.3	0.09	0.8	9.3	38	76.1
D00071783	463101	7131989	Big River	JMheltretter	8-10-2019	VAN20000111	2.9	1.2	23.1	16.4	3	100	0.3	0.22	2.7	15.6	33	130.1
D00071784	466429	7130403	Big River	JMheltretter	8-8-2019	VAN20000111	0.5	0.82	24.4	3.6	3	166	0.3	1.96	4.3	17.6	16	60.2
D00071784	463306	7131822	Big River	JMheltretter	8-10-2019	VAN20000111	3.8	1.18	13.9	9.2	2	100	0.3	0.3	6.3	16.4	38	90.7
D00071785	466391	7130304	Big River	JMheltretter	8-8-2019	VAN20000111	1.3	1.22	10.2	9.8	1	196	0.3	0.03	0.7	13.8	23	93.9
D00071785	463441	7131788	Big River	JMheltretter	8-10-2019	VAN20000111	4.1	1.06	15.1	10.2	2	183	0.3	0.53	6.8	16.7	35	98
D00071786	466373	7130203	Big River	JMheltretter	8-8-2019	VAN20000111	0.6	1.63	12.2	6.8	0.5	178	0.3	0.05	0.5	7.5	37	54.6
D00071786	463644	7131823	Big River	JMheltretter	8-10-2019	VAN20000111	0.3	1.92	17.3	3	0.5	80	0.4	0.07	0.6	10.2	29	25.4

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D00071787	466316	7130125	Big River	JMheltretter	8-8-2019	VAN20000111	0.9	1.23	35.3	4.3	2	85	0.4	0.59	2.2	26.8	34	95.3
D00071787	463837	7131840	Big River	JMheltretter	8-10-2019	VAN20000111	0.3	1.43	21	1.1	0.5	67	0.4	0.12	1.1	7.4	23	19.3
D00071788	466276	7130021	Big River	JMheltretter	8-8-2019	VAN20000111	2.1	1.32	17.5	8.9	1	346	0.3	0.84	2.6	19.3	28	107
D00071788	463851	7131634	Big River	JMheltretter	8-10-2019	VAN20000111	1.9	1.23	10.8	9.3	3	123	0.3	1.6	4.4	11.7	31	62.1
D00071789	466256	7129928	Big River	JMheltretter	8-8-2019	VAN20000111	1	1.69	15.8	7.3	1	198	0.3	0.09	0.8	8.4	26	58.3
D00071789	463820	7131444	Big River	JMheltretter	8-10-2019	VAN20000111	0.8	1.17	17.9	6.5	2	157	0.3	0.16	1.1	7.8	32	49.1
D00071790	466217	7129823	Big River	JMheltretter	8-8-2019	VAN20000111	3.8	0.92	27.2	7.1	0.5	131	0.3	0.99	11	19.8	30	114.8
D00071790	463782	7131246	Big River	JMheltretter	8-10-2019	VAN20000111	1.3	1.12	14.8	5.4	3	219	0.3	0.28	1.9	10.5	29	66.4
D00071791	466198	7129738	Big River	JMheltretter	8-8-2019	VAN20000111	1.5	1.47	22.1	8.6	2	114	0.3	1.23	4.4	19.9	30	87.2
D00071791	463719	7131010	Big River	JMheltretter	8-10-2019	VAN20000111	0.4	1.35	14.3	5	0.5	99	0.2	0.09	0.9	7.6	28	27.9
D00071792	466190	7129647	Big River	JMheltretter	8-8-2019	VAN20000111	0.3	1.5	15.7	1.4	1	130	0.3	0.46	0.5	15.3	21	55.2
D00071792	467600	7131276	Big River	JMheltretter	8-11-2019	VAN20000111	0.1	1.8	10.8	1	0.5	64	0.3	0.08	0.2	22.4	26	26.1
D00071793	466172	7129525	Big River	JMheltretter	8-8-2019	VAN20000111	0.1	1.73	13.4	3.4	0.5	236	0.3	0.51	0.5	14	27	47.8
D00071793	467600	7131205	Big River	JMheltretter	8-11-2019	VAN20000111	0	1.65	9.2	0.25	0.5	59	0.3	0.07	0.1	12	25	20.6
D00071794	466130	7129441	Big River	JMheltretter	8-8-2019	VAN20000111	0.6	1.28	17.8	2	0.5	270	0.3	0.17	1.2	13.1	24	40.6
D00071794	467537	7131113	Big River	JMheltretter	8-11-2019	VAN20000111	0.9	1.94	17.8	6.7	0.5	91	0.4	0.5	0.4	7.3	33	38.6
D00071795	466130	7129440	Big River	JMheltretter	8-8-2019	VAN20000111	0.6	1.26	17.7	2.3	0.5	252	0.3	0.16	1.2	12.3	23	40.1
D00071795	467529	7130991	Big River	JMheltretter	8-11-2019	VAN20000111	1.8	1.45	11.7	3.7	2	94	0.2	0.24	0.7	9	22	53.5
D00071796	468456	7131017	Big River	JMheltretter	8-9-2019	VAN20000111	0.2	1.76	10.4	1.3	1	56	0.3	0.28	0.4	22.1	29	29.3
D00071796	467520	7130898	Big River	JMheltretter	8-11-2019	VAN20000111	2.7	0.9	15.4	7.9	3	169	0.3	0.8	5	11.9	25	125.9
D00071797	468466	7130928	Big River	JMheltretter	8-9-2019	VAN20000111	0.5	1.74	10.9	2.1	1	80	0.4	0.41	0.5	16.3	29	43.8
D00071797	467471	7130803	Big River	JMheltretter	8-11-2019	VAN20000111	2.5	0.88	16.5	6.1	3	157	0.2	0.84	5.8	11.6	31	68
D00071798	468451	7130824	Big River	JMheltretter	8-9-2019	VAN20000111	2.3	1.2	10	9.5	2	198	0.3	0.74	1.6	12.5	27	70.6
D00071798	467419	7130738	Big River	JMheltretter	8-11-2019	VAN20000111	1.6	0.98	18.5	3.5	2	114	0.3	0.53	5.6	14.6	31	62.5
D00071799	468401	7130727	Big River	JMheltretter	8-9-2019	VAN20000111	2.4	0.71	12.2	10.3	3	120	0.3	0.73	2.9	17.5	21	88.8
D00071799	467383	7130610	Big River	JMheltretter	8-11-2019	VAN20000111	0.8	0.9	12	1.9	2	143	0.2	0.37	1.9	8.6	26	22.5
D00071800	468353	7130654	Big River	JMheltretter	8-9-2019	VAN20000111	2.5	0.92	17.5	6.8	3	152	0.3	1.15	6.2	14.8	30	77.6
D00071800	467385	7130542	Big River	JMheltretter	8-11-2019	VAN20000111	2.1	1.04	8.5	13.7	4	455	0.3	0.4	2.4	16.9	30	154.8
D00071801	466496	7131408	Big River	DMalette	8-8-2019	VAN20000111	0	1.84	12.8	2.1	1	139	0.3	0.08	0.2	7.6	28	22.3
D00071802	466471	7131310	Big River	DMalette	8-8-2019	VAN20000111	0.5	1.82	15.9	3.8	1	59	0.3	0.16	0.4	17.1	30	43.1
D00071803	466436	7131217	Big River	DMalette	8-8-2019	VAN20000111	0.2	1.92	12.8	1.3	1	49	0.3	0.37	0.2	20.6	30	36.4
D00071804	466413	7131120	Big River	DMalette	8-8-2019	VAN20000111	4.3	1.01	15.2	8.7	2	130	0.3	0.28	8.1	25.1	33	109.4
D00071805	466381	7131022	Big River	DMalette	8-8-2019	VAN20000111	4.1	0.93	15.5	7.1	2	133	0.3	0.72	8.8	18.2	37	121.5
D00071806	466356	7130933	Big River	DMalette	8-8-2019	VAN20000111	2	1.04	9.4	10.1	2	155	0.2	0.18	1.5	5.1	29	49.8
D00071807	466321	7130833	Big River	DMalette	8-8-2019	VAN20000111	2.7	0.91	8.5	9	2	308	0.2	1.11	1.7	7.3	26	53.8
D00071808	466297	7130733	Big River	DMalette	8-8-2019	VAN20000111	1.7	0.91	16.8	8.3	4	277	0.3	0.89	2.4	13.7	22	124.6
D00071809	466269	7130640	Big River	DMalette	8-8-2019	VAN20000111	1.2	1.14	10.9	8.9	2	212	0.4	0.23	1.4	12.5	32	105.2
D00071810	466240	7130548	Big River	DMalette	8-8-2019	VAN20000111	0.6	1.89	4	5.4	2	138	0.4	0.1	1.9	21.1	43	166.9
D00071811	466221	7130452	Big River	DMalette	8-8-2019	VAN20000111	0.5	1.3	8.3	6.2	2	271	0.3	0.03	0.3	9.2	33	85.8
D00071812	466187	7130358	Big River	DMalette	8-8-2019	VAN20000111	1.3	1.36	12	10.9	2	169	0.3	0.21	1.1	13.7	28	66
D00071813	466155	7130262	Big River	DMalette	8-8-2019	VAN20000111	0.2	2.03	11.4	4.2	1	115	0.2	0.1	0.4	7.5	32	21.6
D00071814	466123	7130162	Big River	DMalette	8-8-2019	VAN20000111	3	1.08	28	7.7	2	207	0.5	0.13	1.4	6.7	38	89.4
D00071815	466100	7130070	Big River	DMalette	8-8-2019	VAN20000111	2.3	1.31	16.7	13.4	2	179	0.4	0.23	2.3	15.5	35	137.2
D00071816	466069	7129981	Big River	DMalette	8-8-2019	VAN20000111	2.8	2.26	19.4	13.6	1	239	0.4	0.13	3.5	18.8	44	204
D00071817	466042	7129882	Big River	DMalette	8-8-2019	VAN20000111	2.9	0.98	40.2	13.7	2	196	0.5	0.44	3.6	18	24	131.4
D00071818	466013	7129782	Big River	DMalette	8-8-2019	VAN20000111	2.7	1.06	20.3	13.2	2	137	0.3	0.53	5.2	17.2	28	142
D00071819	465963	7129689	Big River	DMalette	8-8-2019	VAN20000111	1.3	1.27	17.8	7.6	2	174	0.3	0.62	1.2	12	26	95.7
D00071820	465955	7129587	Big River	DMalette	8-8-2019	VAN20000111	0.2	1.25	20.2	0.9	0.5	70	0.4	0.2	0.5	26.3	17	39.3

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D00071821	465939	7129494	Big River	DMallette	8-8-2019	VAN20000111	0.3	1.37	17.5	4.6	0.5	115	0.4	0.1	0.6	9.2	25	47.1
D00071822	465939	7129494	Big River	DMallette	8-8-2019	VAN20000111	0.3	1.47	18.2	4.4	1	115	0.4	0.11	0.6	9.9	27	51
D00071823	468662	7130973	Big River	DMallette	8-9-2019	VAN20000111	0.5	1.66	17	4.3	0.5	59	0.3	0.27	0.9	20.1	28	42.4
D00071824	468632	7130880	Big River	DMallette	8-9-2019	VAN20000111	0.2	2.04	18.1	1.3	0.5	72	0.3	0.11	0.5	36.6	26	56
D00071825	468605	7130781	Big River	DMallette	8-9-2019	VAN20000111	0.6	1.47	14.9	3.2	2	104	0.3	0.62	1.1	21.6	23	52
D00071826	468580	7130688	Big River	DMallette	8-9-2019	VAN20000111	5.5	1.09	16	9.4	2	166	0.3	0.63	12.9	29.6	36	146.9
D00071827	468553	7130590	Big River	DMallette	8-9-2019	VAN20000111	2	1.51	34.2	12.3	4	195	0.6	0.56	4.4	41.2	85	179
D00071828	468521	7130492	Big River	DMallette	8-9-2019	VAN20000111	3.5	0.84	12.2	12.1	2	114	0.4	0.61	6.2	15.8	30	100.4
D00071829	468495	7130399	Big River	DMallette	8-9-2019	VAN20000111	1	1.65	10.4	6.3	3	103	0.3	0.08	1.9	10.8	34	40.2
D00071830	468464	7130298	Big River	DMallette	8-9-2019	VAN20000111	0.2	1.25	17.2	7	1	106	0.4	0.13	0.6	8.2	31	32.7
D00071831	468434	7130208	Big River	DMallette	8-9-2019	VAN20000111	0.3	1.03	17	5.1	3	161	0.3	0.58	1.5	11	24	43.7
D00071832	468404	7130114	Big River	DMallette	8-9-2019	VAN20000111	0.6	1.61	11	3.7	1	111	0.2	0.08	0.8	7.3	31	25.5
D00071833	468379	7130015	Big River	DMallette	8-9-2019	VAN20000111	0.2	1.03	12.9	4.7	2	155	0.3	0.22	0.4	6.6	18	22.8
D00071834	468348	7129922	Big River	DMallette	8-9-2019	VAN20000111	1.1	1.35	14.3	13.8	2	194	0.4	0.15	1.3	14.5	25	79.1
D00071835	468322	7129825	Big River	DMallette	8-9-2019	VAN20000111	0.7	0.89	6.2	10.8	5	427	0.3	0.12	1.9	17.2	35	97.9
D00071836	468289	7129724	Big River	DMallette	8-9-2019	VAN20000111	2.7	1.45	9.5	10.9	4	490	0.4	0.1	0.9	6.9	29	116.9
D00071837	468265	7129633	Big River	DMallette	8-9-2019	VAN20000111	0.9	0.94	21.8	5.6	3	84	0.3	0.55	3.2	23.4	21	59.8
D00071838	468234	7129539	Big River	DMallette	8-9-2019	VAN20000111	3.3	1.19	12.8	18.8	1	83	0.4	0.15	4.5	20.7	35	121.7
D00071839	468207	7129439	Big River	DMallette	8-9-2019	VAN20000111	3.8	0.95	14.6	9.2	1	115	0.3	0.39	11.3	17.8	30	80.9
D00071840	468169	7129343	Big River	DMallette	8-9-2019	VAN20000111	2.7	0.95	16.9	9	4	107	0.3	0.35	5.5	16.3	29	77.2
D00071841	468146	7129248	Big River	DMallette	8-9-2019	VAN20000111	1.1	0.84	40.2	9.7	2	130	0.5	0.37	2.5	13.2	26	66.5
D00071842	468121	7129151	Big River	DMallette	8-9-2019	VAN20000111	1.1	1.04	16.5	10	2	200	0.3	0.21	1.9	9.8	19	72.6
D00071843	468092	7129052	Big River	DMallette	8-9-2019	VAN20000111	1.3	1.33	31.1	14.3	1	193	0.5	0.41	5.5	22.7	21	105.7
D00071844	468063	7128958	Big River	DMallette	8-9-2019	VAN20000111	0.4	0.98	27.7	8.6	2	166	0.4	0.17	1.2	10.3	17	56.3
D00071845	468034	7128862	Big River	DMallette	8-9-2019	VAN20000111	1.2	1.43	17.5	8.3	4	206	0.3	0.17	1.3	16.2	27	79.8
D00071846	468034	7128862	Big River	DMallette	8-9-2019	VAN20000111	1.2	1.36	17.5	8.2	3	204	0.3	0.17	1.2	15.1	28	82
D00071847	463655	7131615	Big River	DMallette	8-10-2019	VAN20000111	2	0.9	42.4	20.1	3	215	0.8	0.12	2.5	15.7	21	91.9
D00071848	463629	7131436	Big River	DMallette	8-10-2019	VAN20000111	1.2	1.05	18.1	4.9	3	341	0.4	0.04	0.5	3.7	24	40.5
D00071849	463602	7131229	Big River	DMallette	8-10-2019	VAN20000111	0.4	1.34	17.2	6.9	3	155	0.3	0.13	1.2	12.6	34	47.7
D00071850	463488	7131063	Big River	DMallette	8-10-2019	VAN20000111	0.5	0.97	21.2	9.9	3	272	0.4	0.23	0.8	8.5	20	39.5
D00071851	466940	7131488	Big River	Mlves-Ruyter	8-8-2019	VAN20000111	0.6	1.35	11	6	2	169	0.3	0.27	0.7	12.2	27	38.2
D00071852	466908	7131387	Big River	Mlves-Ruyter	8-8-2019	VAN20000111	1.1	1.05	17	9.2	3	196	0.3	0.36	2.2	20.5	28	96.3
D00071853	466886	7131329	Big River	Mlves-Ruyter	8-8-2019	VAN20000111	1	0.94	9	8	3	234	0.2	1.19	1.5	10.5	26	60.2
D00071854	466854	7131194	Big River	Mlves-Ruyter	8-8-2019	VAN20000111	1	1.43	12.6	5.8	4	105	0.3	0.55	1.4	16.3	28	45.2
D00071855	466826	7131107	Big River	Mlves-Ruyter	8-8-2019	VAN20000111	1.9	1.03	9.4	7.3	5	215	0.2	1.05	1.9	10	23	90.1
D00071856	466792	7131012	Big River	Mlves-Ruyter	8-8-2019	VAN20000111	2.5	0.77	6.8	7.3	5	224	0.2	1.8	3.4	7.7	24	71.6
D00071857	466756	7130917	Big River	Mlves-Ruyter	8-8-2019	VAN20000111	11	1.22	14.7	17.7	0.5	312	0.3	0.4	9.2	12.2	39	132.5
D00071858	466736	7130818	Big River	Mlves-Ruyter	8-8-2019	VAN20000111	1.9	0.82	17.5	11	5	258	0.4	1.14	2.8	13.9	22	113.4
D00071859	466710	7130722	Big River	Mlves-Ruyter	8-8-2019	VAN20000111	2.8	1.06	19.2	8.4	4	279	0.3	0.51	3.4	17.5	31	134
D00071860	466681	7130628	Big River	Mlves-Ruyter	8-8-2019	VAN20000111	1.4	1.1	23.2	11.5	5	251	0.3	0.47	2.2	20.3	24	110.6
D00071861	466650	7130530	Big River	Mlves-Ruyter	8-8-2019	VAN20000111	1.3	1.57	10	15.4	5	249	0.4	0.21	1.5	20.8	45	173.5
D00071862	466606	7130432	Big River	Mlves-Ruyter	8-8-2019	VAN20000111	0.8	1.19	9.5	7.9	4	190	0.3	0.03	0.4	8.9	24	97.3
D00071863	466596	7130338	Big River	Mlves-Ruyter	8-8-2019	VAN20000111	2.3	1.12	15	12.9	2	260	0.4	0.2	4.3	28.8	20	162.9
D00071864	466559	7130244	Big River	Mlves-Ruyter	8-8-2019	VAN20000111	0.5	1.62	13.2	5	2	138	0.3	0.1	0.5	7.1	29	36.7
D00071865	466528	7130140	Big River	Mlves-Ruyter	8-8-2019	VAN20000111	0.3	2.18	11.9	5.4	2	179	0.3	0.09	0.4	11.1	43	32.4
D00071866	466514	7130050	Big River	Mlves-Ruyter	8-8-2019	VAN20000111	1	1.04	19.9	8.3	2	249	0.3	0.87	1.5	10.9	21	92.5
D00071867	466475	7129955	Big River	Mlves-Ruyter	8-8-2019	VAN20000111	0.2	2	10.9	4.6	2	115	0.3	0.06	0.4	8.5	32	40.8
D00071868	466450	7129854	Big River	Mlves-Ruyter	8-8-2019	VAN20000111	1.8	1.35	22.3	8.8	0.5	100	0.3	0.1	3.2	13.6	35	78

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D00071869	466422	7129765	Big River	Mlves-Ruyter	8-8-2019	VAN20000111	1.8	1.56	20	9.1	2	209	0.4	0.8	2.7	20.4	29	122.3
D00071870	466394	7129666	Big River	Mlves-Ruyter	8-8-2019	VAN20000111	0.4	1.74	17.8	2.5	0.5	167	0.4	0.64	0.7	21.8	26	104.6
D00071871	466369	7129573	Big River	Mlves-Ruyter	8-8-2019	VAN20000111	0.3	1.42	31.1	1.5	1	105	0.2	0.82	2	41.9	23	79
D00071872	466356	7129470	Big River	Mlves-Ruyter	8-8-2019	VAN20000111	1.3	1.45	27	7.3	0.5	153	0.4	0.51	3.7	30.7	60	133.4
D00071873	466313	7129373	Big River	Mlves-Ruyter	8-8-2019	VAN20000111	1	1.52	17.9	2.1	0.5	162	0.4	0.3	3	15.5	23	39.1
D00071874	466313	7129373	Big River	Mlves-Ruyter	8-8-2019	VAN20000111	1	1.48	17.9	1.6	0.5	167	0.3	0.31	3.1	15.5	23	38.5
D00071875	469045	7130864	Big River	Mlves-Ruyter	8-9-2019	VAN20000111	0.2	1.68	10.7	3.6	0.5	84	0.3	0.1	0.2	6.5	29	20.4
D00071876	469015	7130764	Big River	Mlves-Ruyter	8-9-2019	VAN20000111	0.2	2.15	14.4	2.9	1	109	0.3	0.14	0.4	11.1	35	24.8
D00071877	468977	7130672	Big River	Mlves-Ruyter	8-9-2019	VAN20000111	0.5	2.17	17.7	2.6	0.5	83	0.4	0.16	0.4	19.4	30	33.7
D00071878	468954	7130573	Big River	Mlves-Ruyter	8-9-2019	VAN20000111	3	1.04	12.4	12.3	1	162	0.4	0.27	2.6	18.3	27	90.1
D00071879	468929	7130471	Big River	Mlves-Ruyter	8-9-2019	VAN20000111	3.3	1.14	12	10.2	1	202	0.3	0.37	3.5	11.3	32	58.5
D00071880	468897	7130381	Big River	Mlves-Ruyter	8-9-2019	VAN20000111	4.4	1.01	10.4	13.1	1	174	0.3	0.33	4.7	12.5	34	90.3
D00071881	468882	7130283	Big River	Mlves-Ruyter	8-9-2019	VAN20000111	4.8	1.04	18.9	9.1	2	150	0.3	0.39	12	20	30	102.3
D00071882	468832	7130183	Big River	Mlves-Ruyter	8-9-2019	VAN20000111	0.5	1.17	16.2	1.6	1	180	0.2	0.36	2.5	17.7	30	28.2
D00071883	468814	7130098	Big River	Mlves-Ruyter	8-9-2019	VAN20000111	1.5	1.13	12.4	13.1	1	168	0.3	0.21	2.8	11.8	29	71.8
D00071884	468787	7129995	Big River	Mlves-Ruyter	8-9-2019	VAN20000111	1.5	1.17	22	5.1	2	145	0.4	0.62	3.8	18.6	43	76.9
D00071885	468759	7129897	Big River	Mlves-Ruyter	8-9-2019	VAN20000111	1.3	1.41	20.4	3	0.5	87	0.3	0.27	2.2	17.6	32	37.9
D00071886	468729	7129808	Big River	Mlves-Ruyter	8-9-2019	VAN20000111	1	1.05	16.7	10.1	0.5	201	0.3	0.05	0.7	10.3	23	72.1
D00071887	468703	7129715	Big River	Mlves-Ruyter	8-9-2019	VAN20000111	0.9	1.34	16.8	8.6	2	211	0.3	0.33	1.9	12	25	83.1
D00071888	468673	7129613	Big River	Mlves-Ruyter	8-9-2019	VAN20000111	3.1	1.73	15.3	12.3	4	415	0.4	0.33	3.1	33.9	36	159.4
D00071889	468644	7129518	Big River	Mlves-Ruyter	8-9-2019	VAN20000111	0.4	1.81	17.6	4.2	1	145	0.3	0.25	2.2	14.4	34	44.9
D00071890	468613	7129424	Big River	Mlves-Ruyter	8-9-2019	VAN20000111	1.8	1.11	12.6	6.1	0.5	60	0.3	0.04	1.3	12.3	25	65.1
D00071891	468588	7129325	Big River	Mlves-Ruyter	8-9-2019	VAN20000111	2.1	1.61	13.9	14.5	2	83	0.3	0.11	2.4	15.8	37	77.1
D00071892	468557	7129231	Big River	Mlves-Ruyter	8-9-2019	VAN20000111	1.2	1.42	11.5	8.1	1	105	0.2	0.18	1.3	13.1	30	60.4
D00071893	468533	7129135	Big River	Mlves-Ruyter	8-9-2019	VAN20000111	0.3	1.21	13.4	2.4	1	72	0.3	0.16	0.9	7.8	28	28
D00071894	468503	7129037	Big River	Mlves-Ruyter	8-9-2019	VAN20000111	0.9	1.49	19.8	5.7	0.5	115	0.3	0.33	1.5	12.9	38	45.4
D00071895	468471	7128941	Big River	Mlves-Ruyter	8-9-2019	VAN20000111	0.2	1.22	17.3	5.9	1	97	0.3	0.15	0.6	9.6	22	32.7
D00071896	468451	7128844	Big River	Mlves-Ruyter	8-9-2019	VAN20000111	0.8	1.79	14.2	6.6	2	397	0.3	0.82	0.6	13.6	31	32.6
D00071897	468418	7128752	Big River	Mlves-Ruyter	8-9-2019	VAN20000111	0.5	1.2	14.3	8.6	1	192	0.2	0.45	1.5	12.1	27	42.5
D00071898	468418	7128751	Big River	Mlves-Ruyter	8-9-2019	VAN20000111	0.5	1.17	14.6	4.9	2	203	0.2	0.44	1.6	12	28	43
D00071899	463115	7130922	Big River	Mlves-Ruyter	8-10-2019	VAN20000111	1.5	1.12	29	8.8	3	294	0.3	0.38	1.6	10.6	23	72
D00071900	463175	7130625	Big River	Mlves-Ruyter	8-10-2019	VAN20000111	0.5	1.44	14.9	2.9	2	143	0.3	0.1	0.4	9.6	25	30.4
D00071901	463463	7130922	Big River	DMallette	8-10-2019	VAN20000111	3.6	1.44	13.6	20.8	2	207	0.4	0.66	7	38.2	41	254.5
D00071902	463512	7130763	Big River	DMallette	8-10-2019	VAN20000111	1.5	1.32	30.3	6.2	4	232	0.4	0.27	1.7	13.1	24	88.3
D00071903	463502	7130552	Big River	DMallette	8-10-2019	VAN20000111	1.4	1.46	16.1	9.7	2	224	0.2	0.42	1.6	10.4	32	66.7
D00071904	463538	7130337	Big River	DMallette	8-10-2019	VAN20000111	2.8	1.18	36.7	8.1	2	1723	0.4	0.33	71.5	194.2	25	111.8
D00071905	463548	7130189	Big River	DMallette	8-10-2019	VAN20000111	0.6	0.96	21.6	1.6	2	138	0.3	0.11	0.5	10.5	23	20.4
D00071906	463703	7130250	Big River	DMallette	8-10-2019	VAN20000111	0.6	1.11	27.9	1.1	2	294	0.4	0.22	0.6	10.5	19	45.2
D00071907	463858	7130377	Big River	DMallette	8-10-2019	VAN20000111	1	1.49	20.9	8	3	669	0.4	0.32	1.6	18.5	24	85.7
D00071908	463951	7130556	Big River	DMallette	8-10-2019	VAN20000111	1	0.93	37.1	8.1	0.5	141	0.5	0.9	4.1	22.3	19	104.4
D00071909	464089	7130745	Big River	DMallette	8-10-2019	VAN20000111	1.4	1.54	30.8	5.8	6	351	0.5	0.05	0.3	3.7	41	63.9
D00071910	463821	7130929	Big River	DMallette	8-10-2019	VAN20000111	1	1.22	21.7	5.7	3	389	0.3	0.41	2.9	14	21	78.6
D00071911	463957	7130974	Big River	DMallette	8-10-2019	VAN20000111	1.8	1.1	17.9	13	0.5	154	0.4	0.15	3.6	20.8	20	153.4
D00071912	464140	7131123	Big River	DMallette	8-10-2019	VAN20000111	2.4	0.89	8.4	14.4	3	274	0.4	0.31	2.4	20.5	24	167.3
D00071913	464334	7131330	Big River	DMallette	8-10-2019	VAN20000111	1.9	1.13	12.1	9.9	2	287	0.3	0.34	3	15.1	30	94.2
D00071914	464424	7131535	Big River	DMallette	8-10-2019	VAN20000111	0.7	1.73	10.6	10.2	0.5	111	0.3	0.1	0.9	9.4	33	40
D00071915	464424	7131534	Big River	DMallette	8-10-2019	VAN20000111	0.6	1.56	10.2	8.6	1	103	0.3	0.09	0.9	8.6	33	41.3
D00071916	466594	7129296	Big River	Mlves-Ruyter	8-11-2019	VAN20000111	0.8	1.54	18.8	5.8	0.5	180	0.3	0.11	0.4	11.3	23	49

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D00071917	467030	7131454	Big River	DMallette	8-11-2019	VAN20000111	0.3	1.81	17.6	1.5	3	87	0.3	0.16	0.5	14.3	31	44.2
D00071918	467000	7131363	Big River	DMallette	8-11-2019	VAN20000111	0.7	1.23	12.8	3.3	2	108	0.3	0.32	1.1	12.6	26	57.5
D00071919	466970	7131268	Big River	DMallette	8-11-2019	VAN20000111	1	0.73	9.2	7.7	7	245	0.2	2.06	1.7	7.6	20	42.7
D00071920	466946	7131179	Big River	DMallette	8-11-2019	VAN20000111	1.3	1.05	7.6	7.1	3	278	0.2	1.28	1.9	10.3	25	66.4
D00071921	466909	7131082	Big River	DMallette	8-11-2019	VAN20000111	2.3	1.06	9.1	7.7	3	169	0.2	1.27	2.9	11.3	28	76.4
D00071922	466879	7130985	Big River	DMallette	8-11-2019	VAN20000111	2.7	1.12	8.9	8.7	0.5	292	0.3	0.95	4.1	11.1	29	100.2
D00071923	466860	7130890	Big River	DMallette	8-11-2019	VAN20000111	2	1.21	12.8	9.4	4	433	0.3	0.54	2.7	11.6	32	72.2
D00071924	466826	7130793	Big River	DMallette	8-11-2019	VAN20000111	4.2	0.89	9.7	10.8	6	180	0.2	1.52	7.1	11.9	30	106.2
D00071925	466803	7130697	Big River	DMallette	8-11-2019	VAN20000111	1.6	1.1	17.2	12	3	329	0.4	0.61	2.8	19.7	19	112
D00071926	466776	7130603	Big River	DMallette	8-11-2019	VAN20000111	2.3	1.15	5.8	14.1	5	324	0.4	0.27	1	14.7	34	143
D00071927	466745	7130502	Big River	DMallette	8-11-2019	VAN20000111	1.3	1.66	13.4	10.9	0.5	198	0.4	0.24	2.2	21.2	45	124.6
D00071928	466677	7130407	Big River	DMallette	8-11-2019	VAN20000111	1.5	0.86	8.5	8.7	3	263	0.3	0.14	1.3	13.3	23	93.8
D00071929	466676	7130305	Big River	DMallette	8-11-2019	VAN20000111	1.7	0.75	5.9	7.2	4	248	0.2	0.19	4.3	9.3	20	82.2
D00071930	466653	7130211	Big River	DMallette	8-11-2019	VAN20000111	1.3	0.93	19	8	4	209	0.3	0.26	1.4	14.2	21	59.7
D00071931	467492	7129156	Big River	LBlackie	8-7-2019	VAN20000111	0.5	1.53	12.4	5.4	1	250	0.3	0.44	0.9	10.7	29	70.1
D00071931	466617	7130116	Big River	DMallette	8-11-2019	VAN20000111	1.1	1.31	15.1	5.4	2	166	0.3	0.04	0.5	4.8	28	37.8
D00071932	467473	7129042	Big River	LBlackie	8-7-2019	VAN20000111	0.2	1.62	12.7	2.2	0.5	176	0.3	0.11	0.2	5.9	28	33.1
D00071932	466585	7130025	Big River	DMallette	8-11-2019	VAN20000111	0.6	1.67	16.2	7.5	1	115	0.3	0.17	0.9	9.9	34	96.3
D00071933	467526	7129212	Big River	LBlackie	8-7-2019	VAN20000111	0.6	1.1	19.8	4.9	2	165	0.3	0.32	1.5	15.2	19	56.4
D00071933	466573	7129923	Big River	DMallette	8-11-2019	VAN20000111	0.9	1.32	9.9	13.6	2	102	0.3	0.06	0.4	6.7	24	38.8
D00071934	467549	7129304	Big River	LBlackie	8-7-2019	VAN20000111	0.6	1.49	13.1	5.8	2	106	0.3	0.17	1.2	15.4	29	66.5
D00071934	466539	7129833	Big River	DMallette	8-11-2019	VAN20000111	1.1	1.4	12.6	5.1	1	83	0.2	0.13	1.5	11.2	33	39.6
D00071935	467582	7129412	Big River	LBlackie	8-7-2019	VAN20000111	1.1	1.3	12.7	6.1	2	120	0.3	0.16	2.3	9.9	29	46.9
D00071935	466517	7129737	Big River	DMallette	8-11-2019	VAN20000111	0.5	1.68	11.6	4.6	1	182	0.3	0.41	1	14.8	27	57.2
D00071936	467606	7129503	Big River	LBlackie	8-7-2019	VAN20000111	3.8	1.01	16.4	15.6	2	112	0.4	0.32	7.3	24.6	29	125.6
D00071936	466485	7129640	Big River	DMallette	8-11-2019	VAN20000111	0.2	1.5	14.5	1	0.5	130	0.3	0.41	0.4	20.8	22	51
D00071937	467646	7129604	Big River	LBlackie	8-7-2019	VAN20000111	0.6	1.31	11.3	4.2	2	113	0.3	0.05	0.2	3.7	27	28.1
D00071937	466473	7129551	Big River	DMallette	8-11-2019	VAN20000111	4.8	1.29	19.6	8.7	4	253	0.2	1.22	9.9	19.1	51	202.2
D00071938	467664	7129691	Big River	LBlackie	8-7-2019	VAN20000111	0.4	1.54	24.5	2.4	2	81	0.4	0.24	1.5	19.6	36	55.3
D00071938	466428	7129451	Big River	DMallette	8-11-2019	VAN20000111	2.8	1.21	14.3	8.5	1	211	0.3	0.35	6.7	16.2	31	77.9
D00071939	467699	7129789	Big River	LBlackie	8-7-2019	VAN20000111	2.9	0.99	21.1	13.1	3	317	0.4	0.69	10.7	40.2	30	277.3
D00071939	466396	7129356	Big River	DMallette	8-11-2019	VAN20000111	0.6	1.83	15.4	2.8	0.5	75	0.4	0.6	0.5	20.2	24	52.2
D00071940	467711	7129891	Big River	LBlackie	8-7-2019	VAN20000111	2	1.01	18.3	13.8	3	323	0.3	0.79	3	15.1	19	108.9
D00071940	466394	7129355	Big River	DMallette	8-11-2019	VAN20000111	0.6	1.83	15.5	3.4	0.5	75	0.4	0.59	0.6	20.7	24	52.7
D00071941	464783	7129838	Big River	DMallette	8-12-2019	VAN20000111	0.3	0.89	19.1	1.1	2	224	0.2	0.27	0.3	8.1	19	19.7
D00071941	467757	7129978	Big River	LBlackie	8-7-2019	VAN20000111	0.6	1.31	14.2	8.7	1	148	0.3	0.11	0.7	8	25	59.5
D00071942	464806	7129933	Big River	DMallette	8-12-2019	VAN20000111	0.1	1.54	17.7	2.9	1	266	0.4	0.05	0.2	7.3	23	62
D00071942	467779	7130080	Big River	LBlackie	8-7-2019	VAN20000111	0.4	1.03	18.7	3.5	1	109	0.3	0.32	1	13.5	19	39.6
D00071943	464832	7130029	Big River	DMallette	8-12-2019	VAN20000111	0.5	1.67	12.5	4.5	1	233	0.3	0.16	0.7	10	26	45.4
D00071943	468169	7130700	Big River	LBlackie	8-7-2019	VAN20000111	3.1	1.01	12.1	12.1	3	234	0.3	0.98	5.1	13.3	31	96.1
D00071944	464865	7130123	Big River	DMallette	8-12-2019	VAN20000111	0.4	1.6	14	3.5	1	506	0.3	0.32	0.7	12.1	25	40.3
D00071944	468211	7130803	Big River	LBlackie	8-7-2019	VAN20000111	3.6	0.97	10	13.2	4	235	0.3	1.4	5.3	10.6	29	106.8
D00071945	464893	7130218	Big River	DMallette	8-12-2019	VAN20000111	1.3	1.52	30.1	9.5	1	106	0.4	0.19	1.5	22.3	26	110.1
D00071945	468240	7130901	Big River	LBlackie	8-7-2019	VAN20000111	2.9	1.2	11.9	9.5	2	318	0.3	0.97	3.3	12.3	31	82.4
D00071946	464922	7130314	Big River	DMallette	8-12-2019	VAN20000111	0.8	1.2	7.7	3.2	2	269	0.2	0.4	2.7	7.7	32	25.6
D00071946	468254	7130977	Big River	LBlackie	8-7-2019	VAN20000111	0.7	1.52	7.5	5.3	2	127	0.4	0.47	0.9	18.9	32	106.6
D00071947	464961	7130411	Big River	DMallette	8-12-2019	VAN20000111	2.2	1.4	26.6	8	2	297	0.4	0.09	1.4	7.5	43	99.8
D00071947	468300	7131095	Big River	LBlackie	8-7-2019	VAN20000111	1.6	0.85	8.4	6.1	2	182	0.2	0.49	3.5	8.4	24	45.8

2019 Soil Data

Sample	Easting	Northing	company	Sampler	Date	Certificate	Ag_PPM_ICP	Al_PCT_ICP	As_PPM_ICP	Au_PPB_ICP	B_PPM_ICP	Ba_PPM_ICP	Bi_PPM_ICP	Ca_PCT_ICP	Cd_PPM_ICP	Co_PPM_ICP	Cr_PPM_ICP	Cu_PPM_ICP
D00071948	464974	7130507	Big River	DMallette	8-12-2019	VAN20000111	2.2	1.49	16.4	13.7	1	209	0.4	0.15	3.5	23.5	32	214.5
D00071948	468119	7130605	Big River	LBlackie	8-7-2019	VAN20000111	1.1	0.93	31	9.1	2	294	0.4	1.03	2.9	10.8	24	101.4
D00071949	465006	7130601	Big River	DMallette	8-12-2019	VAN20000111	0.8	1.27	11.9	5.4	1	193	0.4	0.07	0.7	8.4	28	69.4
D00071949	468099	7130517	Big River	LBlackie	8-7-2019	VAN20000111	1.6	0.95	21.6	12	3	222	0.4	0.86	2.8	12	29	64.8
D00071950	465033	7130697	Big River	DMallette	8-12-2019	VAN20000111	2	1.26	16	8.7	2	252	0.4	0.13	1.4	12.8	31	104.6
D00071950	468074	7130424	Big River	LBlackie	8-7-2019	VAN20000111	1.9	0.97	14.7	5.9	2	149	0.2	0.65	4.6	11.8	31	60.2
D00071951	466887	7129207	Big River	MIves-Ruyter	8-7-2019	VAN20000111	0.6	1.82	17.4	8.6	4	459	0.3	0.44	1.1	10.9	27	37.7
D00071952	466914	7129304	Big River	MIves-Ruyter	8-7-2019	VAN20000111	0.2	1.67	16.1	3.1	3	131	0.4	0.15	0.5	17.5	24	35
D00071953	466944	7129397	Big River	MIves-Ruyter	8-7-2019	VAN20000111	4.5	1.31	19.2	21.7	3	169	0.3	0.53	5	12	32	96.1
D00071954	466975	7129496	Big River	MIves-Ruyter	8-7-2019	VAN20000111	1.9	1.25	14	12.4	2	123	0.3	0.12	2.6	7.2	28	63.5
D00071955	466999	7129590	Big River	MIves-Ruyter	8-7-2019	VAN20000111	1.7	1.4	30.3	18.9	2	167	0.5	0.37	2.4	22.8	37	103.9
D00071956	467033	7129685	Big River	MIves-Ruyter	8-7-2019	VAN20000111	0.4	1.68	9.9	7.8	3	95	0.3	0.11	0.9	7	32	27.5
D00071957	467060	7129782	Big River	MIves-Ruyter	8-7-2019	VAN20000111	1.2	1.55	10.5	9.6	3	154	0.3	0.09	0.7	10.2	26	64.3
D00071958	467087	7129878	Big River	MIves-Ruyter	8-7-2019	VAN20000111	0.7	1.71	18	11.1	2	248	0.4	0.15	2.1	27.8	33	165.3
D00071959	467111	7129974	Big River	MIves-Ruyter	8-7-2019	VAN20000111	1.6	1.36	18.9	12.2	3	189	0.3	0.14	1.2	12.4	25	90.3
D00071960	467144	7130072	Big River	MIves-Ruyter	8-7-2019	VAN20000111	1.6	1.55	17	7.7	2	215	0.4	0.17	1.1	12.6	35	98.1
D00071961	467175	7130164	Big River	MIves-Ruyter	8-7-2019	VAN20000111	1.6	0.96	18.1	5.8	4	321	0.3	1.52	3	22.2	22	120.2
D00071962	467318	7131371	Big River	MIves-Ruyter	8-7-2019	VAN20000111	0.2	1.41	20	0.9	0.5	49	0.4	0.02	0.05	2.7	27	26.2
D00071963	467293	7131278	Big River	MIves-Ruyter	8-7-2019	VAN20000111	0.4	1.86	38	0.6	2	63	0.4	0.08	0.2	10.8	29	43.9
D00071964	467270	7131180	Big River	MIves-Ruyter	8-7-2019	VAN20000111	0.3	1.96	21	0.8	1	30	0.3	0.13	0.2	17.5	30	38.5
D00071965	467236	7131087	Big River	MIves-Ruyter	8-7-2019	VAN20000111	0.6	2.5	21.1	13	1	54	0.5	0.57	0.5	34.6	36	105.4
D00071969	467206	7130995	Big River	MIves-Ruyter	8-7-2019	VAN20000111	0.9	2.05	14.5	4.1	0.5	102	0.4	0.37	0.7	20.5	30	49.2
D00071970	467184	7130890	Big River	MIves-Ruyter	8-7-2019	VAN20000111	3.1	1.04	17.3	13.5	3	212	0.2	0.97	4.3	11.8	26	131.2
D00071971	467153	7130801	Big River	MIves-Ruyter	8-7-2019	VAN20000111	3.4	0.84	13.6	15.8	3	185	0.3	1.13	5.2	15.3	24	117.9
D00071972	467122	7130703	Big River	MIves-Ruyter	8-7-2019	VAN20000111	1.6	0.98	26	7.8	3	178	0.4	1.23	3.3	15.6	32	75.8
D00071973	467092	7130605	Big River	MIves-Ruyter	8-7-2019	VAN20000111	2.2	0.93	12.2	7.3	4	162	0.2	0.81	6.2	10.7	31	56.5
D00071974	467064	7130510	Big River	MIves-Ruyter	8-7-2019	VAN20000111	1.6	1.29	14.5	12.6	2	514	0.3	0.75	1.2	9.5	34	84.2
D00071975	467040	7130411	Big River	MIves-Ruyter	8-7-2019	VAN20000111	1.6	1.06	19.3	11.2	2	316	0.3	0.99	3.2	13.9	32	78.9
D00071976	467009	7130319	Big River	MIves-Ruyter	8-7-2019	VAN20000111	2	0.92	17	12	3	357	0.3	0.95	2.7	17	23	121

2019 Soil Data

Sample	Fe_PCT_ICP	Ga_PPM_ICP	Hg_PPM_ICP	K_PCT_ICP	La_PPM_ICP	Mg_PCT_ICP	Mn_PPM_ICP	Mo_PPM_ICP	Na_PCT_ICP	Ni_PPM_ICP	P_PCT_ICP	Pb_PPM_ICP	S_PCT_ICP	Sb_PPM_ICP	Sc_PPM_ICP	Se_PPM_ICP	Sr_PPM_ICP
2056440	3.81	2	0.76	0.08	18	0.36	662	13.8	0.009	82.6	0.375	19.6	0.1	4.1	4.2	5.8	59
2056441	3.37	2	0.51	0.09	17	0.39	1396	10.3	0.003	107.4	0.248	14.8	0.12	4.4	4.6	6.8	57
2056442	3.98	4	0.19	0.05	15	0.31	690	15.6	0.004	42.7	0.245	12.7	0.025	2.4	0.9	4	9
2056443	3.7	3	1.1	0.11	15	0.48	873	21.5	0.01	93.1	0.426	16.9	0.2	4.3	2.9	5.6	96
2056444	3.16	2	0.74	0.06	21	0.46	226	14.5	0.003	82.9	0.257	21.4	0.09	3.6	2.5	4.3	44
2056445	4.2	4	0.42	0.08	21	0.76	422	8.4	0.006	56.3	0.223	19.9	0.06	1.5	3.9	2.3	49
2056446	4.94	3	0.42	0.07	26	0.76	684	7.9	0.006	63.2	0.248	26	0.06	2	3.8	2	55
2056447	5.45	3	0.4	0.06	21	0.64	520	8.9	0.004	68.6	0.232	28.7	0.025	1.7	3.9	1.4	42
2056448	4.73	3	0.4	0.07	29	0.82	504	13.7	0.006	69	0.305	25.5	0.025	2.7	3.7	3.5	39
2056449	4.66	6	0.06	0.08	19	1.27	833	10.3	0.012	83.1	0.17	19.2	0.08	1	3.1	3.1	21
2056450	2.75	3	0.14	0.05	14	0.3	285	2.6	0.005	37	0.085	17.3	0.025	2.5	2.6	1.5	30
D00069401	2.22	3	0.07	0.05	12	0.24	328	1.1	0.006	22.8	0.083	10.8	0.025	0.7	1.8	0.8	20
D00069402	2.62	4	0.08	0.05	9	0.18	212	2.9	0.004	25.2	0.096	22.7	0.025	1.4	1.3	1.5	24
D00069403	2.19	3	0.08	0.04	3	0.13	141	3.1	0.005	25.7	0.069	20.2	0.025	0.6	1.4	1.2	18
D00069404	2.91	2	0.13	0.03	5	0.16	183	3.4	0.004	37.9	0.089	23.5	0.025	0.8	2.6	1.4	18
D00069405	3.36	4	0.07	0.04	7	0.21	188	2.6	0.004	43.5	0.099	27.2	0.025	0.7	3	1.3	18
D00069406	2.8	2	0.1	0.03	2	0.1	162	2.4	0.003	42.7	0.063	23.1	0.025	0.9	2.1	1.2	11
D00069407	2.3	3	0.15	0.04	5	0.17	78	1.8	0.007	31.3	0.092	28	0.05	0.6	2.3	1.3	22
D00069408	2.63	4	0.21	0.04	6	0.16	131	1.6	0.005	39	0.08	20.7	0.025	0.6	3.7	1.1	30
D00069409	4.23	5	0.18	0.06	27	0.87	707	11.1	0.01	51.5	0.185	23.9	0.07	1.2	1.9	1.5	39
D00069410	2.75	5	0.12	0.05	14	0.39	329	3.2	0.006	21.1	0.101	12.3	0.025	1.1	1	1.9	10
D00069411	5.86	7	0.05	0.04	9	1.08	1741	3.6	0.011	39.1	0.069	6.5	0.06	0.9	12	1.7	19
D00069412	3.13	5	0.12	0.06	23	0.56	312	4.8	0.005	34.3	0.155	15.9	0.025	1.4	0.8	1.6	12
D00069413	2.44	3	0.08	0.04	11	0.13	531	4	0.007	14.7	0.114	16	0.07	0.9	0.4	0.8	14
D00069414	2.42	4	0.08	0.04	14	0.5	240	3.5	0.005	20.6	0.11	9.7	0.025	0.4	1.1	0.8	17
D00069415	2.11	3	0.06	0.02	8	0.27	185	1.1	0.005	24.9	0.083	11.5	0.05	0.4	1.9	1.5	23
D00069416	2.87	3	0.11	0.04	12	0.35	410	6.1	0.005	32	0.091	15.7	0.025	0.7	2.6	1.2	26
D00069426	4.33	5	0.14	0.06	28	0.9	623	10.7	0.008	38.4	0.185	26.5	0.07	0.9	1.8	1.1	34
D00069427	4.53	6	0.13	0.06	27	0.93	745	10.6	0.008	39.7	0.183	26.2	0.07	0.9	1.8	1.2	34
D00069428	3.45	5	0.04	0.05	13	0.4	240	2.2	0.007	20.1	0.096	18.8	0.025	0.8	1.9	1	12
D00069429	3.28	5	0.06	0.06	21	0.71	168	2.8	0.008	26.8	0.109	19.9	0.06	0.7	1.8	1.1	19
D00069430	3.72	5	0.19	0.05	22	0.66	250	9.1	0.006	21.3	0.116	22.5	0.08	0.9	1.2	1.7	20
D00069431	4.47	5	0.28	0.07	26	1.13	435	4	0.01	41.1	0.21	31.4	0.1	1	2	0.7	52
D00069432	3.27	3	0.56	0.06	21	0.58	395	7.8	0.006	58.5	0.194	19.1	0.025	2.4	3	2.5	54
D00069433	3.2	5	0.38	0.06	27	0.84	525	6.4	0.004	38.2	0.213	14.7	0.025	0.8	2.5	1.4	36
D00069434	3.13	2	0.62	0.08	23	0.41	408	13	0.006	65.3	0.211	21.7	0.05	4.1	2.7	4.6	46
D00069435	3.64	2	0.99	0.05	15	0.4	3033	21.3	0.005	86.7	0.191	31.1	0.06	6.1	2.9	4.7	82
D00069436	2.93	3	0.58	0.1	13	0.47	423	10.2	0.004	82.8	0.203	11.6	0.025	2.7	3	3.5	36
D00069437	2.75	2	0.2	0.09	14	0.5	555	7.8	0.003	80.4	0.132	12.8	0.025	2.3	3.2	3.5	39
D00069438	3.7	3	0.34	0.08	31	0.45	387	16.3	0.004	86.7	0.252	20.6	0.025	4.6	3.4	2.2	51
D00069439	3.4	6	0.12	0.07	19	0.41	239	10.8	0.004	38.3	0.069	13.3	0.025	2.2	3.5	1.8	9
D00069440	4.03	6	0.1	0.09	16	0.5	451	7.4	0.007	52	0.117	12.4	0.025	2.2	1.9	3.9	25
D00069441	3.8	3	0.24	0.09	21	0.42	797	21	0.008	74.1	0.219	15.6	0.07	4.6	2	4.7	32
D00069442	2.94	5	0.21	0.07	22	0.44	282	8.5	0.004	41.9	0.116	11.6	0.025	2	2.1	1.6	12
D00069443	4.03	2	0.84	0.12	24	0.52	803	17.5	0.003	110.8	0.699	15.4	0.025	4.2	3.4	8.7	59
D00069444	4.31	3	0.49	0.08	32	0.72	522	14.2	0.006	66.2	0.27	21.6	0.025	2.1	3.5	2.9	48
D00069445	4.09	3	0.28	0.07	27	0.6	281	10.4	0.005	54.3	0.224	15.8	0.025	2.6	2.3	2.8	28
D00069446	3.88	3	0.37	0.08	27	0.61	566	15.1	0.005	78.1	0.316	17.9	0.06	3.3	2.1	4.2	47

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Sample	Fe_PCT_ICP	Ga_PPM_ICP	Hg_PPM_ICP	K_PCT_ICP	La_PPM_ICP	Mg_PCT_ICP	Mn_PPM_ICP	Mo_PPM_ICP	Na_PCT_ICP	Ni_PPM_ICP	P_PCT_ICP	Pb_PPM_ICP	S_PCT_ICP	Sb_PPM_ICP	Sc_PPM_ICP	Se_PPM_ICP	Sr_PPM_ICP
D00069447	4.74	3	0.69	0.1	29	0.73	523	18.1	0.007	99.3	0.288	23.3	0.06	4.8	4.6	4.9	53
D00069448	4.2	2	0.7	0.1	23	0.54	335	19.4	0.005	91.5	0.282	22.3	0.16	5.4	3.2	7.6	70
D00069449	5.74	6	0.07	0.07	22	0.8	1520	14.1	0.009	97.5	0.349	14.8	0.025	1.6	6.3	5.2	27
D00069450	3.73	4	0.18	0.08	25	0.53	354	8.2	0.006	41.2	0.155	24	0.06	4.7	2.1	3	45
D00069451	3.5	3	0.29	0.07	16	0.39	508	10.5	0.008	59.5	0.174	23.4	0.13	4.2	2.6	2.6	64
D00069452	3.65	2	0.47	0.1	16	0.48	974	21.5	0.009	112.2	0.142	16.9	0.11	5.1	3.7	7	58
D00069453	4.4	2	1.41	0.11	12	0.41	261	19.2	0.021	59.5	0.156	55.1	0.53	9.9	2.3	3.2	88
D00069454	3.87	3	0.35	0.12	18	0.47	849	12.7	0.013	81.6	0.217	13.1	0.1	3	3.5	7.8	64
D00069455	3.34	4	0.33	0.08	16	0.37	213	8.9	0.016	32.7	0.172	12.4	0.1	2.5	3	6.7	35
D00069456	3.96	4	0.32	0.08	17	0.28	588	18.7	0.007	66.5	0.168	19.9	0.025	3.7	2.8	8.8	24
D00069457	3.13	7	0.09	0.05	23	0.3	124	3.1	0.007	14.7	0.062	14.2	0.025	1.2	2.4	1.4	26
D00069458	3.71	4	0.19	0.07	17	0.25	431	9	0.009	57.3	0.307	12	0.025	2.7	2.2	6.3	40
D00069459	3.94	2	0.38	0.06	45	0.39	402	11.7	0.002	67.6	0.227	24.3	0.025	3.5	4.5	1.8	20
D00069460	5.79	4	1.14	0.06	29	0.46	759	12.7	0.004	51.3	0.169	32.7	0.025	5.6	3.5	2.1	22
D00069461	4.56	5	0.92	0.05	20	0.31	592	8.2	0.013	38.4	0.124	21.9	0.025	3.8	1.8	1.5	42
D00069462	2.03	4	0.46	0.04	25	0.28	82	3.6	0.003	18.5	0.077	9.2	0.025	0.8	1.2	0.6	7
D00069463	3.57	3	0.11	0.05	26	0.3	308	3.9	0.004	27	0.154	18.4	0.025	0.6	0.7	0.25	13
D00069464	3.86	4	0.1	0.05	30	0.47	464	4.4	0.005	38.8	0.159	18.5	0.025	1	1.3	0.6	11
D00069465	3.98	4	0.14	0.06	31	0.53	649	4.2	0.005	46.4	0.175	19	0.025	1.1	2.4	0.6	13
D00069466	10.07	3	0.3	0.07	27	0.34	960	16.2	0.011	74.4	0.172	15.5	0.06	4	3.3	8	61
D00069467	3.49	3	0.46	0.05	26	0.59	336	9.1	0.003	68.1	0.243	18.2	0.025	2.7	2.5	1.9	51
D00069468	3.63	4	0.18	0.07	20	0.45	532	9.8	0.009	49.8	0.168	13.8	0.05	2.4	2.2	4.9	38
D00069469	3.45	4	0.18	0.08	17	0.34	706	8.4	0.005	60.2	0.2	11.6	0.025	2.6	1.5	5.5	20
D00069470	3.61	3	0.65	0.08	19	0.49	566	12.2	0.007	87.6	0.236	13.3	0.025	3.2	3.5	3	52
D00069471	4.94	2	1.62	0.1	25	0.44	442	23	0.006	103.1	0.533	42.8	0.025	7.9	2.5	4.3	69
D00069472	3	3	0.42	0.05	16	0.45	805	10.2	0.005	67.6	0.211	15.4	0.06	2.4	1.9	3.7	70
D00069473	3.58	3	0.46	0.06	23	0.6	255	7.9	0.005	61.7	0.186	20.9	0.025	1.9	2.3	3.4	52
D00069474	4.06	5	0.09	0.06	20	0.36	395	3.7	0.006	33.4	0.108	24.9	0.025	1.2	1.4	0.9	24
D00069475	3.7	5	0.08	0.05	21	0.56	468	4.4	0.006	46.1	0.104	18	0.025	1.4	2.1	1.9	30
D00069476	4.38	4	0.27	0.09	21	0.5	1098	13.1	0.007	64.5	0.131	16.9	0.025	3.4	0.9	4.8	30
D00069477	4.21	4	0.24	0.09	23	0.54	746	9.7	0.005	50.5	0.168	22.3	0.025	2.9	1.2	3.1	18
D00069478	3.42	4	0.17	0.05	16	0.51	313	5.4	0.005	42.9	0.123	24.2	0.025	1.4	2.5	1.7	36
D00069479	2.64	3	0.07	0.05	14	0.59	169	2.7	0.006	25.4	0.129	16.4	0.09	0.8	1.4	1.6	35
D00069480	2.86	3	0.48	0.09	24	0.56	271	5.8	0.005	57.8	0.359	15.9	0.025	1.1	2.7	2	86
D00069481	3.5	4	0.44	0.1	29	0.67	356	8	0.006	57.2	0.402	18.2	0.025	1.4	2.5	2.4	73
D00069482	3.97	4	0.27	0.06	28	0.64	361	5.5	0.004	54.4	0.167	24.2	0.025	1.6	3	2.2	35
D00069483	4.29	3	0.91	0.09	31	0.52	645	20.6	0.005	113.6	0.316	24	0.025	4.8	2.9	6.3	70
D00069484	5.02	3	1.08	0.08	37	0.55	650	18.4	0.004	101.8	0.27	44.8	0.025	7.3	3.7	5.2	48
D00069485	3.29	3	0.47	0.07	18	0.51	293	10.1	0.007	61.8	0.191	16.7	0.08	2.8	2.4	5.5	72
D00069486	3.67	4	0.15	0.08	23	0.39	928	7.8	0.005	64.4	0.171	14.9	0.025	2.4	1.9	3.7	23
D00069487	3.31	2	0.61	0.09	14	0.49	875	24.6	0.003	112.8	0.13	21.9	0.025	7.3	3.6	5.5	21
D00069488	4.58	5	0.14	0.16	19	0.51	432	8.7	0.008	58.4	0.124	17	0.025	2.6	3.3	3.7	22
D00069489	3.99	5	0.07	0.08	18	0.48	789	5.4	0.01	49	0.145	14.1	0.025	1.5	2.2	2.4	27
D00069490	3.83	3	0.64	0.12	18	0.42	567	15.6	0.008	77.8	0.279	27.9	0.09	3.9	3	4.4	65
D00069491	3.24	3	0.27	0.11	18	0.45	303	14.1	0.006	72	0.161	18	0.13	4	2.3	5.3	48
D00069492	2.55	3	0.48	0.1	16	0.4	300	8.1	0.005	53.4	0.177	13.9	0.06	2	2.4	5.9	69
D00069493	3	3	0.47	0.1	27	0.49	297	18	0.004	71.6	0.197	15	0.025	3.1	2.3	5.7	47
D00069494	3.41	2	0.74	0.09	28	0.41	276	12.3	0.008	70.8	0.258	28.1	0.07	3.9	2.9	3.5	78

2019 Soil Data

Sample	Fe_PCT_ICP	Ga_PPM_ICP	Hg_PPM_ICP	K_PCT_ICP	La_PPM_ICP	Mg_PCT_ICP	Mn_PPM_ICP	Mo_PPM_ICP	Na_PCT_ICP	Ni_PPM_ICP	P_PCT_ICP	Pb_PPM_ICP	S_PCT_ICP	Sb_PPM_ICP	Sc_PPM_ICP	Se_PPM_ICP	Sr_PPM_ICP
D00069495	3.25	3	0.95	0.09	22	0.43	241	13.2	0.007	81.3	0.197	23.4	0.05	4.5	3.2	4.7	69
D00069496	3.95	6	0.1	0.06	33	0.62	271	5.2	0.005	31.2	0.111	17.5	0.025	0.7	2.1	0.6	18
D00069497	4.81	5	0.24	0.08	31	0.96	517	4.8	0.01	44.6	0.159	28.6	0.06	0.9	2.5	1	44
D00069498	4.39	5	0.27	0.06	29	0.55	1920	8.5	0.006	75	0.209	25.2	0.025	1	3.1	1.4	21
D00069499	4.48	5	0.04	0.08	13	0.68	185	2.7	0.01	31.9	0.098	29.3	0.06	0.8	2.5	0.9	28
D00069500	3.94	5	0.05	0.07	14	0.59	163	2.1	0.007	31	0.077	26.2	0.025	0.7	2.4	0.9	22
D00070501	4.28	5	0.05	0.07	14	0.59	190	2.1	0.007	31.6	0.081	26.2	0.025	0.7	2.3	0.7	22
D00070701	5.99	4	0.37	0.11	27	0.71	633	15.4	0.025	68.2	0.227	21.1	0.19	5	3.9	10.5	80
D00070702	6.33	7	0.06	0.08	25	0.5	458	4.1	0.009	35	0.184	44.5	0.025	1.2	3.4	2.6	26
D00070703	8.67	6	0.37	0.05	19	0.78	172	10.6	0.012	50.1	0.288	20.2	0.15	4.8	4	31	60
D00070704	4.03	4	0.17	0.12	22	0.35	622	7.4	0.017	60.6	0.19	16.6	0.15	2.1	2.8	6.9	52
D00070705	3.92	5	0.09	0.08	18	0.42	487	8.2	0.007	48.5	0.155	24.7	0.025	2.9	1	4.3	37
D00070706	6.05	3	0.61	0.05	21	0.62	2848	48	0.004	197.1	0.238	29.8	0.025	7.3	6.2	9.9	51
D00070707	4.51	3	1.26	0.08	27	0.66	498	29.8	0.007	107.7	0.414	25.6	0.06	4.4	3.3	7.1	86
D00070708	4.17	3	0.4	0.09	30	0.49	453	11	0.005	62.6	0.618	21	0.025	2.3	2.1	2.6	90
D00070709	3.58	5	0.04	0.04	18	0.41	324	2.3	0.007	29.6	0.081	18.5	0.025	2.2	1.9	2.7	20
D00070710	4.53	4	0.16	0.06	26	0.73	608	9	0.012	57.1	0.094	35.4	0.025	2.4	2.5	3.1	54
D00070711	4.56	4	0.11	0.04	21	0.4	221	12.5	0.009	33.9	0.08	24.9	0.025	1.6	2	2.1	35
D00070712	2.83	4	0.06	0.06	19	0.13	159	2.3	0.009	18.6	0.082	24.9	0.025	1.5	0.6	2.4	30
D00070713	4.07	5	0.76	0.05	21	0.47	312	12.9	0.006	49.8	0.114	27.7	0.025	4.5	1.6	3	17
D00070714	4.97	4	0.18	0.04	31	0.92	613	5.4	0.005	76.4	0.199	32.1	0.025	1.3	2.7	1.4	34
D00070715	4.07	3	0.25	0.05	25	0.5	401	10.5	0.005	52.8	0.217	22	0.025	1.1	1.6	1.5	29
D00070716	5.95	3	0.47	0.07	18	0.8	984	17.7	0.005	142.9	0.101	31	0.025	4.7	5.8	6.3	35
D00070717	5.91	4	0.5	0.11	16	0.37	1486	21.8	0.034	91.6	0.23	16.2	0.21	4.7	2.1	11.9	45
D00070718	3.88	7	0.15	0.07	17	0.52	370	8.3	0.006	35.7	0.125	16.5	0.025	1.8	1.9	2.7	22
D00070719	4.34	3	0.37	0.05	24	0.7	776	6.1	0.005	117.8	0.273	22.8	0.025	3.7	4.6	4	48
D00070720	3.62	1	0.13	0.07	4	0.04	503	1.9	0.004	90	0.095	14.7	0.025	1.5	2.5	4.1	13
D00070721	3.91	5	0.22	0.07	13	0.37	130	59.5	0.006	14.1	0.11	26	0.05	9.2	1.2	12.5	17
D00070722	3.84	5	0.1	0.07	17	0.46	409	9	0.005	47.3	0.159	15.8	0.025	2.2	1.3	4.4	20
D00070723	3.12	4	0.14	0.08	21	0.27	441	9.5	0.008	33.9	0.168	15.7	0.06	2.3	1.1	4.1	32
D00070724	2.85	2	0.34	0.06	17	0.32	233	9.3	0.004	57.4	0.198	15.1	0.025	2.9	2.1	4	77
D00070725	3.56	2	0.98	0.09	21	0.48	280	11.6	0.009	95.6	0.231	20.9	0.3	3.7	2.6	8.2	73
D00070726	4.2	4	0.36	0.07	16	0.44	475	20.5	0.004	80.3	0.161	21.6	0.025	4.6	2.7	11.7	16
D00070727	3.91	3	0.82	0.07	28	0.63	299	36.6	0.005	112.2	0.206	18.1	0.025	4.2	2.3	7.2	29
D00070728	3.77	6	0.17	0.06	30	0.74	223	6.8	0.009	31.7	0.137	21.5	0.025	1	1.9	1.8	29
D00070729	3.55	5	0.23	0.06	21	0.64	395	4	0.005	27.8	0.106	19.2	0.025	1	2.8	1.6	23
D00070730	3.39	5	0.04	0.05	12	0.51	250	1.5	0.005	31.2	0.072	17.6	0.025	0.7	2	0.9	15
D00070731	3.33	5	0.04	0.05	12	0.52	250	1.5	0.005	29.9	0.074	17.2	0.025	0.8	1.8	0.25	15
D00070732	3.65	5	0.05	0.06	16	0.48	164	3.8	0.005	20.3	0.104	21.2	0.025	0.6	1.8	1.6	20
D00070733	4.58	6	0.05	0.05	8	0.77	288	2	0.007	41.1	0.081	26.7	0.025	0.8	2.3	0.7	27
D00070734	2.59	3	0.04	0.04	15	0.46	203	1.4	0.004	25.4	0.07	10.1	0.025	0.7	2.4	0.25	16
D00070951	2.91	2	0.27	0.07	15	0.45	508	9.7	0.007	63.4	0.174	10.8	0.025	2.4	3.9	4.6	46
D00070952	2.9	3	0.46	0.06	16	0.44	422	9.2	0.005	58.2	0.152	16.1	0.025	2.7	2.9	4.2	55
D00070953	3.01	3	0.43	0.06	15	0.62	2133	10.9	0.005	66.4	0.191	14.5	0.025	1.5	2.5	5.2	67
D00070954	2.74	4	0.25	0.05	17	0.5	231	4.4	0.005	36.9	0.115	12.3	0.025	0.9	2.8	1.2	24
D00070955	2.78	4	0.29	0.05	17	0.51	244	4.4	0.005	35.3	0.114	12.4	0.025	1	2.9	2	24
D00070956	3.54	5	0.34	0.04	18	0.88	324	6.9	0.005	34.4	0.142	19.9	0.025	0.7	2.1	1.7	28
D00070957	3.66	3	0.42	0.05	19	0.64	519	10.8	0.004	74.2	0.221	19.3	0.025	2.8	2.6	3.8	60

2019 Soil Data

Sample	Fe_PCT_ICP	Ga_PPM_ICP	Hg_PPM_ICP	K_PCT_ICP	La_PPM_ICP	Mg_PCT_ICP	Mn_PPM_ICP	Mo_PPM_ICP	Na_PCT_ICP	Ni_PPM_ICP	P_PCT_ICP	Pb_PPM_ICP	S_PCT_ICP	Sb_PPM_ICP	Sc_PPM_ICP	Se_PPM_ICP	Sr_PPM_ICP
D00070958	2.6	3	0.31	0.05	15	0.6	153	4.8	0.006	45.9	0.18	13.9	0.11	1.4	2.7	2	58
D00071051	3.59	3	0.22	0.09	14	0.49	861	8.5	0.007	80.8	0.18	16.5	0.025	2.6	2.9	5.1	27
D00071052	3.61	2	0.72	0.1	13	0.38	409	16.7	0.012	76	0.256	22.3	0.22	4.3	2.7	5.1	65
D00071053	3.3	2	0.83	0.08	18	0.44	374	21.9	0.005	102.5	0.208	17.2	0.025	4.1	3.2	5.3	49
D00071054	3.09	2	0.74	0.06	18	0.47	508	15.1	0.004	82.9	0.209	20.4	0.025	3.5	3.2	4	51
D00071055	3.13	2	0.35	0.09	15	0.42	455	9	0.007	86.1	0.161	12.6	0.025	2.9	3.4	5	44
D00071056	2.82	3	0.7	0.06	14	0.39	479	12.3	0.005	63.9	0.176	13.8	0.07	2.6	2.7	5.3	46
D00071057	2.7	3	0.29	0.06	14	0.54	395	6.7	0.004	44.6	0.14	9.7	0.025	2	2.8	2.8	40
D00071058	3.94	3	0.22	0.06	19	0.61	865	9.6	0.005	63.8	0.172	16.8	0.025	3.3	2.7	3.5	31
D00071059	3.63	3	0.37	0.05	14	0.62	1226	6.4	0.004	78.6	0.184	16.5	0.08	1.9	2.6	4.2	60
D00071060	2.68	3	0.24	0.04	12	0.48	580	4.7	0.005	51.5	0.146	11.9	0.1	1.5	2.1	2.7	53
D00071061	2.49	3	0.05	0.05	16	0.43	349	1.8	0.005	30.2	0.079	9.9	0.025	1	3.4	0.25	14
D00071062	2.26	2	0.2	0.03	9	0.29	592	2.4	0.007	33.4	0.139	9.1	0.18	1.2	1.5	4.2	78
D00071063	2.38	4	0.09	0.05	16	0.44	197	2.1	0.006	24.1	0.101	10.9	0.025	0.9	2.9	1.8	24
D00071064	3.15	2	0.6	0.09	13	0.44	360	12.2	0.009	61.3	0.245	14.4	0.12	3.2	2.9	6.7	69
D00071065	3.82	2	0.55	0.07	16	0.34	363	16.8	0.005	110.9	0.246	18.2	0.025	4.4	4	8.5	59
D00071066	3.96	2	0.96	0.08	19	0.53	550	33.4	0.01	137.1	0.273	18.6	0.06	4.8	2.9	10	54
D00071067	3.92	3	0.44	0.08	24	0.57	769	12	0.008	95.5	0.171	17.4	0.025	3.2	3.5	6.8	40
D00071068	3.46	4	0.58	0.07	19	0.54	400	19.2	0.012	79.7	0.36	17	0.05	2.5	1.2	5.2	52
D00071069	2.76	3	0.64	0.05	14	0.48	1055	10.4	0.008	60.2	0.183	16.2	0.06	2.2	2.3	6.7	51
D00071070	2.85	3	0.15	0.04	19	0.58	243	2.7	0.006	30.9	0.138	11.9	0.025	0.8	2.8	0.5	24
D00071071	2.74	4	0.3	0.05	18	0.54	169	2.9	0.005	29.6	0.123	16.2	0.025	0.7	2	0.8	23
D00071072	1.85	4	0.08	0.03	14	0.34	112	1.6	0.004	14.5	0.067	8.7	0.025	0.4	0.6	0.25	11
D00071073	1.95	4	0.07	0.03	14	0.36	138	1.7	0.004	15.8	0.07	8.6	0.025	0.5	0.7	0.5	11
D00071074	3.89	3	0.3	0.05	20	0.67	753	9.5	0.005	76.8	0.187	17	0.025	2.5	2.7	3.5	48
D00071075	3.29	3	0.35	0.05	16	0.59	535	6.6	0.005	69.9	0.179	15.6	0.025	1.8	2.4	2.3	52
D00071501	4.65	5	0.18	0.07	25	0.94	850	7.3	0.01	46.8	0.262	29.8	0.12	1.2	2.2	1.2	53
D00071502	3.55	4	0.28	0.07	21	0.79	375	11.5	0.007	47	0.325	19	0.09	1.3	1.6	2	56
D00071503	3.05	2	0.59	0.08	19	0.45	310	13.3	0.007	77	0.233	17.7	0.06	3.4	2.7	4.1	51
D00071504	3.63	3	0.68	0.09	21	0.5	431	17.8	0.009	105.4	0.262	19.6	0.05	4.5	3.3	6.1	69
D00071505	3.55	2	0.44	0.11	15	0.47	247	14.5	0.008	68.5	0.253	21.7	0.33	3.6	2.6	3	93
D00071506	2.1	2	0.26	0.05	12	0.33	329	5.3	0.005	47.2	0.267	11.9	0.08	2.1	1.8	2.8	93
D00071507	3.15	2	0.63	0.06	10	0.46	455	11.5	0.007	68.3	0.181	20	0.11	3.7	2.2	4	71
D00071508	3.38	2	0.69	0.07	12	0.48	386	15	0.007	75.5	0.15	22.5	0.13	4.6	2.8	4.7	60
D00071509	3.69	2	0.64	0.08	15	0.47	601	16.7	0.01	85.3	0.322	18.1	0.09	3.7	3.4	6.8	77
D00071510	4.49	3	0.68	0.08	17	0.46	1136	23.3	0.01	126	0.282	18.2	0.07	4.4	4.2	7.3	56
D00071511	3.12	3	0.16	0.08	22	0.49	784	4.5	0.007	52.3	0.16	13.1	0.025	1.7	2.4	3.5	31
D00071512	3.12	5	0.25	0.08	23	0.32	248	9.1	0.005	30.9	0.13	17	0.025	2.4	1	2.6	19
D00071513	3.43	3	0.13	0.1	21	0.34	1067	11.5	0.004	58.9	0.139	16.6	0.025	2.7	1.8	4.3	20
D00071514	3.7	4	0.26	0.07	21	0.37	676	6.9	0.006	48.1	0.105	12.4	0.025	2.3	2.6	3.6	22
D00071515	3.55	3	0.33	0.06	20	0.63	283	5	0.005	41.1	0.19	19.7	0.09	1.1	2.8	3.2	57
D00071516	4.91	2	1.63	0.09	38	0.44	662	26.5	0.003	120.8	0.27	45.4	0.025	6.7	2.9	6.4	45
D00071517	3.9	3	0.86	0.07	32	0.31	398	15.2	0.003	67	0.194	21.1	0.025	4.5	1.2	5.7	15
D00071518	4.08	4	0.2	0.07	43	0.7	321	11.5	0.004	50.1	0.202	21.8	0.025	1.9	2	1.2	22
D00071519	5.32	7	0.08	0.06	30	1.28	842	3.8	0.006	58.3	0.123	21.6	0.025	1	3.1	1.7	18
D00071520	2.88	4	0.18	0.07	24	0.56	321	5.6	0.006	38.3	0.16	18	0.06	3.5	1.9	4.1	41
D00071521	2.91	4	0.2	0.07	24	0.55	283	6.3	0.006	38.2	0.158	18.7	0.025	3.9	1.8	4.3	41
D00071522	3.33	3	0.14	0.06	6	0.17	268	1.5	0.006	42.1	0.105	33.4	0.025	0.8	2.8	1.3	22

2019 Soil Data

Sample	Fe_PCT_ICP	Ga_PPM_ICP	Hg_PPM_ICP	K_PCT_ICP	La_PPM_ICP	Mg_PCT_ICP	Mn_PPM_ICP	Mo_PPM_ICP	Na_PCT_ICP	Ni_PPM_ICP	P_PCT_ICP	Pb_PPM_ICP	S_PCT_ICP	Sb_PPM_ICP	Sc_PPM_ICP	Se_PPM_ICP	Sr_PPM_ICP
D00071523	3.35	5	0.04	0.05	8	0.11	305	1.7	0.004	29.5	0.123	24.8	0.025	0.8	1.4	0.8	13
D00071524	3.5	5	0.11	0.08	27	0.48	211	3.3	0.011	26.9	0.082	19.2	0.025	2.6	2.1	1.4	25
D00071525	3.02	5	0.1	0.06	22	0.42	437	4.2	0.006	34.2	0.074	14.8	0.025	1.2	2	1.5	26
D00071526	2.58	5	0.05	0.08	18	0.45	322	4.9	0.006	24.1	0.132	12	0.025	1	0.9	1.4	20
D00071527	3.73	6	0.06	0.07	17	0.42	348	2.7	0.007	28.2	0.081	26	0.025	1	1.1	1.2	27
D00071528	5.37	5	0.32	0.08	32	0.56	497	11	0.009	55.2	0.248	30.7	0.025	1.6	1.6	2.6	38
D00071529	4.18	5	0.36	0.12	21	0.41	1068	22	0.009	68.9	0.275	17.5	0.07	3.9	1.5	4.5	39
D00071530	4.16	4	0.53	0.12	26	0.73	793	20.5	0.004	100.7	0.182	22.6	0.025	5	3.1	5.1	21
D00071531	3.34	6	0.08	0.05	16	0.3	319	2.9	0.005	26	0.059	11.6	0.025	1	3.1	1.9	11
D00071532	5.53	4	0.25	0.09	51	0.48	469	21.7	0.025	39.3	0.186	22.9	0.29	4.6	2.4	7.1	73
D00071533	4.56	6	0.1	0.1	18	0.31	646	12.8	0.01	34.8	0.2	16.2	0.07	1.8	3.1	4.2	30
D00071534	3.3	5	0.06	0.08	20	0.21	366	7.4	0.004	30.9	0.106	13.3	0.025	1.5	2.1	2.9	9
D00071535	8.55	6	0.23	0.07	20	0.31	172	11.7	0.008	15.8	0.227	15.2	0.12	3.1	2	13.8	27
D00071536	2.02	5	0.03	0.07	22	0.2	241	4.3	0.004	19.2	0.109	12.7	0.025	1.4	0.5	1.3	13
D00071537	2.92	3	0.56	0.1	24	0.39	350	12.8	0.005	67.2	0.192	18.3	0.025	3.5	3	4.1	51
D00071538	2.52	2	0.53	0.08	17	0.4	314	15	0.005	54.9	0.15	12.6	0.025	2.6	2.9	3.9	58
D00071539	4.44	2	1.46	0.1	16	0.34	343	19.2	0.038	93.6	0.2	52.7	0.24	8	3.7	5.1	112
D00071540	2.79	3	0.4	0.07	21	0.48	231	8.6	0.004	35.8	0.161	18.5	0.025	2	2.2	3.4	49
D00071541	3.7	4	0.57	0.07	32	0.62	358	10.2	0.005	50.4	0.204	21.6	0.025	1.2	2.4	1.8	33
D00071542	3.58	5	0.38	0.06	22	0.89	2114	4.9	0.005	46.5	0.155	20.9	0.025	0.6	2.9	1.2	43
D00071543	4.17	7	0.05	0.05	11	0.34	159	1.4	0.006	20	0.071	20.6	0.025	0.7	2	0.25	13
D00071544	3.15	6	0.05	0.07	19	0.36	210	2.3	0.008	22.5	0.056	15.1	0.025	0.7	2.6	0.6	12
D00071545	3.26	4	0.05	0.07	20	0.53	168	2.7	0.006	27.3	0.091	15.6	0.025	0.8	2.6	0.7	22
D00071546	2.56	3	0.04	0.04	18	0.41	243	1.5	0.006	26	0.076	10.4	0.025	0.9	3.1	0.9	20
D00071547	5.3	3	0.38	0.08	18	0.54	4019	7.1	0.008	274.2	0.155	19.2	0.08	2.2	4.1	1.9	99
D00071548	2.64	2	0.47	0.09	17	0.46	189	8.1	0.004	63.7	0.164	14.7	0.09	2.6	2.7	7.6	51
D00071549	2.65	2	0.6	0.1	17	0.43	302	10.9	0.005	70.4	0.227	14.3	0.07	2.5	2.5	5.4	74
D00071550	3.09	3	0.72	0.08	18	0.39	373	9.7	0.006	48	0.168	22.1	0.05	2.9	3.3	2.5	50
D00071551	4.09	5	0.24	0.08	33	0.86	315	7.1	0.007	42.1	0.181	25.7	0.08	0.8	2.4	1.6	50
D00071552	3.76	2	0.72	0.12	19	0.5	537	19.2	0.006	100.6	0.202	23.5	0.18	4.3	2.8	6.2	68
D00071553	4.06	3	0.52	0.1	6	0.54	190	4.5	0.008	69.7	0.089	24.9	0.41	3.2	2.2	9.5	92
D00071554	3.12	3	0.43	0.08	36	0.55	290	12	0.004	68.4	0.206	21.8	0.025	4.4	2.5	3.6	47
D00071555	3.25	3	0.14	0.1	21	0.17	503	12.1	0.004	53.3	0.178	19.2	0.025	3.2	0.4	7.9	22
D00071556	3.31	4	0.19	0.08	20	0.26	232	7.2	0.005	57.6	0.11	16.1	0.025	2.8	1.5	6.5	18
D00071557	3.2	4	0.15	0.07	19	0.43	391	3.9	0.006	38.5	0.079	16.9	0.025	1.7	3.1	1.6	16
D00071558	2.62	4	0.19	0.07	19	0.17	116	10.6	0.008	32.6	0.142	23.9	0.025	2.7	0.6	5.1	20
D00071559	2.36	2	0.4	0.06	11	0.3	437	9.9	0.01	48.9	0.171	18.1	0.15	3.2	1.9	3.3	99
D00071560	3.67	6	0.05	0.07	22	0.31	198	7.3	0.005	31.2	0.077	15.9	0.025	1.5	2.1	2.4	11
D00071561	2.64	6	0.05	0.08	24	0.23	99	8.5	0.007	21.5	0.101	14.5	0.025	1.3	1.3	3.4	15
D00071562	4.43	5	0.17	0.11	23	0.49	571	15.4	0.015	51.9	0.142	18.5	0.08	3	3	7.1	37
D00071563	2.66	2	0.59	0.07	10	0.3	485	10.2	0.007	59.3	0.153	19.4	0.14	3.9	2.4	5.2	96
D00071564	2.31	3	0.23	0.07	18	0.32	291	6.1	0.008	38.2	0.147	17.1	0.06	2.5	1.1	1.9	25
D00071565	2.67	4	0.1	0.07	24	0.19	220	9.4	0.004	30.4	0.138	14.1	0.025	2	1.4	3	10
D00071566	3.8	3	0.41	0.09	24	0.36	297	14.8	0.006	67.4	0.155	19.1	0.025	3.5	1.7	6.2	27
D00071567	3.57	5	0.14	0.06	18	0.31	331	8.5	0.005	45.6	0.09	19	0.025	2.7	1.2	2.8	9
D00071568	2.78	3	0.47	0.08	17	0.53	275	8.5	0.004	67.6	0.161	17.9	0.08	2.8	1.9	3.9	35
D00071569	3.18	3	0.37	0.04	19	0.25	221	13.4	0.007	47	0.196	17	0.07	2.7	0.3	2.9	17
D00071570	3.54	2	0.23	0.05	33	0.31	253	13	0.004	65	0.166	24.3	0.025	3.5	2	2.1	16

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Sample	Fe_PCT_ICP	Ga_PPM_ICP	Hg_PPM_ICP	K_PCT_ICP	La_PPM_ICP	Mg_PCT_ICP	Mn_PPM_ICP	Mo_PPM_ICP	Na_PCT_ICP	Ni_PPM_ICP	P_PCT_ICP	Pb_PPM_ICP	S_PCT_ICP	Sb_PPM_ICP	Sc_PPM_ICP	Se_PPM_ICP	Sr_PPM_ICP
D00071571	2.8	4	0.32	0.05	19	0.22	127	12.2	0.005	29.1	0.137	20.8	0.07	2.4	0.2	2.1	11
D00071572	3.01	5	0.08	0.05	20	0.6	450	5	0.005	27	0.141	12.6	0.06	1.3	1.9	1	18
D00071573	3.07	5	0.08	0.06	21	0.6	445	4.8	0.005	27	0.128	12.7	0.025	1.4	2	0.9	18
D00071574	2.94	3	0.08	0.04	23	0.38	578	5.4	0.005	31.3	0.071	16.4	0.07	1.1	1.7	0.7	30
D00071575	4.74	4	0.15	0.07	26	0.58	1574	7.5	0.008	59.2	0.185	22.3	0.13	1.6	2.4	1.8	37
D00071576	3.25	3	0.4	0.06	27	0.75	410	6.9	0.005	53.5	0.22	18.7	0.07	1.8	2.4	2.8	42
D00071577	4.56	5	0.17	0.05	35	1.02	702	6.7	0.003	53.3	0.196	29.6	0.025	1.5	2	0.9	15
D00071578	3.93	4	0.28	0.06	33	0.77	1236	6.2	0.003	76.2	0.134	29.5	0.025	2.5	3.7	1.5	27
D00071579	3.5	4	0.2	0.06	20	0.44	417	7.1	0.008	39.7	0.13	13.2	0.1	1.9	1.9	3.5	38
D00071580	4.28	4	0.14	0.09	16	0.46	6202	6.6	0.011	217.6	0.142	13.1	0.14	1.8	2.1	4.1	57
D00071581	2.77	4	0.29	0.06	21	0.56	358	6.3	0.008	69.4	0.125	11.7	0.09	1.8	3.1	5.2	48
D00071582	3.4	4	0.12	0.06	20	0.4	661	6.4	0.009	35.8	0.125	13	0.08	2.3	1.1	2.6	21
D00071583	4.39	4	0.2	0.06	21	0.46	1000	8.2	0.007	91.8	0.131	13.3	0.09	2.3	2.4	3.2	36
D00071584	2.51	4	0.2	0.06	19	0.45	347	7.3	0.008	55.6	0.108	12	0.08	2.2	2	3	39
D00071585	2.4	4	0.16	0.07	19	0.24	198	6.3	0.005	31.3	0.129	11.5	0.06	1.8	0.4	2.6	12
D00071586	2.25	3	0.52	0.08	15	0.31	195	17.9	0.005	53.5	0.143	11.3	0.1	2.2	1.8	5.2	34
D00071587	2.5	2	0.34	0.06	14	0.33	1493	9.1	0.006	84.5	0.121	11	0.11	2.4	2.5	4.3	56
D00071588	1.86	2	0.25	0.05	13	0.25	335	5.8	0.007	34.5	0.122	10.2	0.12	1.7	1.8	3.2	56
D00071589	2.33	4	0.07	0.05	17	0.3	150	3.4	0.004	17.1	0.083	9.1	0.025	1.1	0.6	1.3	9
D00071590	2.53	4	0.24	0.06	24	0.53	251	8	0.004	34.2	0.117	12.5	0.025	1.1	2.3	1.5	21
D00071591	2.97	4	0.19	0.06	28	0.57	232	6.1	0.007	31.4	0.129	19.5	0.11	0.7	1.3	1	31
D00071592	3.42	4	0.16	0.06	24	0.64	568	4.6	0.006	31.7	0.151	21.8	0.08	1	1.4	0.9	17
D00071593	4.1	6	0.04	0.06	17	0.55	108	6.1	0.008	15.4	0.093	21.6	0.12	0.7	1.4	0.7	14
D00071594	3.77	6	0.04	0.05	20	0.44	658	3	0.005	19.9	0.067	18.6	0.025	0.8	2	0.8	11
D00071595	3.15	4	0.15	0.05	15	0.43	324	2.5	0.006	27.1	0.096	19.7	0.05	0.6	1.8	0.7	15
D00071596	3.48	5	0.17	0.06	18	0.56	840	4	0.007	30	0.096	23.7	0.06	0.7	2.3	0.8	17
D00071597	3.14	4	0.11	0.05	20	0.58	499	2.6	0.006	28.8	0.082	16.9	0.025	0.7	2.5	0.25	16
D00071598	3.99	5	0.07	0.06	12	0.55	91	1.3	0.01	23.3	0.084	22.2	0.13	0.5	2	0.5	11
D00071599	3.49	4	0.24	0.05	17	0.75	437	2.4	0.008	45.8	0.19	20.6	0.15	0.6	2.3	1	28
D00071600	4.27	5	0.41	0.08	28	0.94	295	2.3	0.019	37.9	0.243	28.3	0.26	0.8	2	0.7	54
D00071611	3.03	2	0.23	0.08	20	0.44	337	12.5	0.005	58	0.186	15.2	0.12	3.2	1.5	5.6	30
D00071612	2.83	3	0.18	0.06	14	0.27	441	10.5	0.003	52.1	0.142	13.6	0.025	2.9	1	6.3	12
D00071613	3.27	4	0.49	0.07	17	0.43	501	7.2	0.005	50.4	0.15	16.4	0.025	2.5	2.7	5.9	15
D00071614	3.62	5	0.25	0.08	19	0.46	513	9.7	0.019	62.6	0.145	15.2	0.1	2.3	1.8	3.9	31
D00071615	4.33	4	0.95	0.1	18	0.32	793	15.1	0.023	76.5	0.304	23.9	0.11	4.3	1.4	7	45
D00071616	3.6	4	0.43	0.08	22	0.52	1164	9.2	0.005	79.9	0.18	19.5	0.025	3.2	3.3	5.3	22
D00071617	3.59	3	0.29	0.07	20	0.33	703	17.5	0.019	59.1	0.168	16	0.025	4.4	2	11	35
D00071618	3.6	5	0.18	0.06	20	0.34	391	6.4	0.005	36.2	0.114	17.9	0.025	2.5	0.9	2.2	11
D00071619	3.23	4	0.13	0.06	24	0.34	237	8.5	0.005	42	0.099	16.8	0.025	2.5	1.9	3.9	16
D00071620	3.73	4	0.35	0.07	25	0.4	401	12.4	0.007	55.1	0.165	27.5	0.025	4.4	1.7	6.6	31
D00071621	3.98	4	0.41	0.07	24	0.4	390	11.9	0.006	59.5	0.162	26.4	0.025	4.2	1.8	7.1	31
D00071622	3.84	3	0.56	0.1	25	0.58	668	18.9	0.01	85.5	0.301	18.4	0.05	3.8	2.7	6	66
D00071623	4.94	4	0.34	0.08	26	0.65	961	17.5	0.013	111.1	0.223	20.8	0.08	3.6	3.5	6.6	45
D00071624	4.04	3	0.81	0.09	29	0.46	1366	25.8	0.013	148.8	0.284	20.5	0.05	4.2	3.1	13.2	85
D00071625	4.62	4	0.59	0.09	28	0.73	724	25.8	0.012	90.7	0.214	21.5	0.14	4.8	3.6	8.2	81
D00071626	4.11	3	0.34	0.12	27	0.4	357	10	0.008	58.2	0.206	22.7	0.025	2.1	4.5	1.8	50
D00071627	4.47	4	0.37	0.09	34	0.82	553	13.8	0.007	53.7	0.255	29.1	0.07	8	2.4	5.8	44
D00071628	5	5	0.09	0.06	38	0.82	616	13.5	0.011	78.3	0.283	22.1	0.025	1.7	3.8	5.5	40

2019 Soil Data

Sample	Fe_PCT_ICP	Ga_PPM_ICP	Hg_PPM_ICP	K_PCT_ICP	La_PPM_ICP	Mg_PCT_ICP	Mn_PPM_ICP	Mo_PPM_ICP	Na_PCT_ICP	Ni_PPM_ICP	P_PCT_ICP	Pb_PPM_ICP	S_PCT_ICP	Sb_PPM_ICP	Sc_PPM_ICP	Se_PPM_ICP	Sr_PPM_ICP
D00071629	4.62	3	0.99	0.15	21	0.76	419	27.3	0.008	111.4	0.366	27.4	0.34	5.8	3.6	11.7	99
D00071630	4.29	3	0.54	0.1	32	0.61	346	19.4	0.007	91	0.302	21.1	0.07	4.7	3.2	6.4	54
D00071631	4.71	4	0.35	0.08	38	0.8	438	11.1	0.007	57	0.236	26.3	0.025	1.7	3.6	2.5	49
D00071632	4.72	4	0.33	0.08	38	0.8	419	10.9	0.007	57.2	0.234	25.1	0.025	1.6	3.4	2.4	46
D00071633	4.93	4	0.51	0.07	26	0.38	669	14	0.005	62.6	0.218	30.3	0.025	5.1	1.3	5.1	23
D00071634	2.52	4	0.09	0.07	14	0.29	601	10	0.01	27.3	0.156	11.1	0.06	1.7	1	4.4	34
D00071635	3.72	5	0.04	0.07	16	0.61	122	2.4	0.009	24.4	0.083	22.5	0.06	0.7	1.8	0.6	17
D00071636	3.3	7	0.05	0.06	20	0.35	79	5.5	0.007	12.7	0.069	21.9	0.025	0.6	1.9	0.9	12
D00071637	4.67	4	0.39	0.08	20	0.53	702	9	0.006	101.9	0.183	23.5	0.025	2.9	3.4	2.9	22
D00071638	3.2	4	0.31	0.07	28	0.68	458	9	0.005	41.1	0.189	18.9	0.025	1.8	2.1	1.4	43
D00071639	3.4	3	0.67	0.08	19	0.56	463	10	0.005	43.8	0.165	22.1	0.025	3.3	3.4	2.7	42
D00071640	3.42	3	0.41	0.08	24	0.54	429	12.1	0.007	64.7	0.201	17.3	0.025	3.6	4	3.3	45
D00071641	2.54	2	0.77	0.1	19	0.53	305	11.4	0.006	71.7	0.225	17.3	0.07	2.6	2.6	6	71
D00071642	3.42	2	0.72	0.09	22	0.54	741	12.7	0.006	77.2	0.251	20.6	0.07	3.9	3.4	6	78
D00071643	3.62	2	0.79	0.08	24	0.51	357	13.5	0.005	76.5	0.266	21.6	0.08	4.1	3	4	76
D00071644	3.1	3	0.34	0.1	14	0.48	683	9.9	0.007	84.7	0.133	15.2	0.07	2.8	3.6	5.8	61
D00071645	3.46	3	0.14	0.11	17	0.53	990	10.5	0.007	62.4	0.173	15.4	0.025	3	2.6	4.5	30
D00071646	3.5	4	0.39	0.09	12	0.22	421	14.9	0.013	49.4	0.203	17.9	0.11	3.4	0.3	4	29
D00071647	3.7	3	0.21	0.1	12	0.37	1813	11.8	0.01	59.2	0.169	12.1	0.11	2.6	2.3	10	57
D00071648	4.57	3	1.07	0.09	17	0.41	3145	20.9	0.012	133.3	0.244	39	0.09	6.9	2.8	4.4	57
D00071649	3.78	5	0.14	0.07	13	0.36	508	7.3	0.006	52.8	0.145	15	0.025	2.2	1.4	4.1	17
D00071650	4.5	5	0.04	0.06	25	0.88	386	1.9	0.009	51.5	0.114	28.1	0.05	0.6	2.6	0.25	31
D00071662	4.05	2	0.89	0.09	18	0.43	566	21.5	0.008	102.6	0.208	28.6	0.09	6.5	3.9	6.4	67
D00071663	3.4	2	0.61	0.09	13	0.42	671	13.7	0.008	84.8	0.141	20.2	0.12	4.1	2.8	6.4	72
D00071664	4.16	3	0.74	0.09	21	0.55	441	19.1	0.009	82.2	0.223	31.9	0.11	5.7	3.4	4.6	79
D00071665	4.16	3	0.5	0.1	16	0.44	987	14.4	0.009	82.1	0.22	16.3	0.06	3.3	2.5	4.3	44
D00071666	3.2	3	0.14	0.08	22	0.39	198	11.7	0.004	48.3	0.149	17.1	0.025	2.8	1.7	4.2	20
D00071667	5.15	3	0.7	0.08	21	0.49	893	22.9	0.013	141.8	0.202	43.3	0.06	7.2	4	5.1	83
D00071668	3.52	3	0.79	0.08	22	0.44	360	16.6	0.008	86.8	0.204	32.8	0.025	5.6	3.4	4.9	70
D00071669	3.61	4	0.56	0.09	23	0.54	253	13.4	0.007	40.3	0.342	22.3	0.1	1.6	0.7	3.3	70
D00071670	4.2	5	0.24	0.07	23	0.72	310	9	0.007	31.2	0.216	25.8	0.17	0.8	0.6	0.8	60
D00071671	4.34	5	0.23	0.06	25	0.87	638	3.9	0.009	51.4	0.238	27.5	0.025	0.9	2	1.6	49
D00071672	5.2	5	0.37	0.07	25	1.02	498	4.2	0.01	56.4	0.252	32.5	0.07	1.1	2.7	1.9	70
D00071673	5.5	6	0.06	0.05	8	0.63	129	1.6	0.006	27.2	0.088	30.2	0.025	0.8	2.2	0.9	17
D00071674	4.64	5	0.12	0.1	15	0.85	178	6	0.012	33.4	0.143	25.6	0.15	0.9	2.3	2	28
D00071675	4.73	5	0.25	0.07	34	1.09	720	1.2	0.009	65	0.217	29.7	0.025	0.9	3.3	1.1	41
D00071676	4.93	5	0.15	0.04	36	1.25	196	1.2	0.006	59.7	0.145	25.9	0.025	0.5	1.9	0.8	36
D00071677	4.37	4	0.48	0.17	28	0.66	359	21.4	0.016	61.4	0.786	24.6	0.38	2.6	3.2	6.5	135
D00071678	4.04	2	0.62	0.19	25	0.42	691	21.4	0.035	77.9	0.777	19.8	0.48	2	2.6	3.7	187
D00071679	3.73	2	0.47	0.11	21	0.43	326	10.6	0.007	75.7	0.193	21.1	0.27	3.3	2.5	9.3	82
D00071680	2.84	2	0.41	0.06	29	0.56	186	8.9	0.003	72.2	0.136	18.5	0.025	3.7	3	6.9	18
D00071681	3.21	2	0.88	0.15	13	0.34	264	19.7	0.01	70.1	0.522	14.3	0.42	1.7	2.4	3.4	140
D00071682	3.19	2	0.33	0.12	25	0.32	339	23.4	0.007	117.2	0.234	21.2	0.21	6.4	3.1	5	96
D00071683	3.48	2	0.84	0.12	16	0.45	387	18.5	0.007	69.2	0.299	21.2	0.09	4	3.2	3	71
D00071684	7.27	3	1.4	0.11	9	0.5	589	31.2	0.034	151.3	0.217	76.1	0.32	15.2	5.1	3.7	120
D00071685	3.1	2	0.82	0.1	18	0.26	749	15	0.022	80.5	0.397	15.6	0.07	2.8	4.1	4.4	54
D00071686	3.88	4	0.16	0.06	20	0.3	487	12.4	0.006	50.4	0.273	14.8	0.025	1.7	1.9	4.4	33
D00071687	3.54	5	0.1	0.05	15	0.34	268	3.5	0.006	23.4	0.081	13.8	0.025	1.3	2.3	2.3	13

2019 Soil Data

Sample	Fe_PCT_ICP	Ga_PPM_ICP	Hg_PPM_ICP	K_PCT_ICP	La_PPM_ICP	Mg_PCT_ICP	Mn_PPM_ICP	Mo_PPM_ICP	Na_PCT_ICP	Ni_PPM_ICP	P_PCT_ICP	Pb_PPM_ICP	S_PCT_ICP	Sb_PPM_ICP	Sc_PPM_ICP	Se_PPM_ICP	Sr_PPM_ICP
D00071688	4.29	5	0.35	0.07	22	0.35	292	11.8	0.011	47.1	0.136	24.7	0.025	4	1.9	8.3	75
D00071689	3.04	6	0.15	0.06	14	0.41	329	4.2	0.006	21.1	0.08	10.9	0.025	1.1	1.9	2.1	17
D00071690	2.78	6	0.14	0.05	15	0.42	177	3	0.006	20.2	0.089	11.2	0.025	1.1	1.6	2.1	12
D00071691	2.74	4	0.09	0.04	15	0.33	235	1.9	0.004	24.3	0.059	12	0.025	1	2.1	1.3	10
D00071692	2.63	4	0.08	0.04	14	0.34	234	2	0.004	24.1	0.063	12.4	0.025	1	2.1	1.9	10
D00071693	2.75	5	0.08	0.04	20	0.27	159	4.3	0.003	18.3	0.066	14.3	0.025	1.3	1.4	1.1	7
D00071694	5.03	3	0.52	0.06	22	0.32	501	28.6	0.004	65.7	0.243	24.7	0.025	4.6	1.1	5.5	26
D00071695	4.19	4	0.54	0.05	33	0.12	116	13.7	0.003	44.5	0.192	21.6	0.025	2.7	1	5.8	7
D00071696	3.7	3	0.87	0.06	21	0.54	794	9.9	0.004	71.2	0.237	17.2	0.025	2.6	2.5	3.8	41
D00071697	4.57	4	0.17	0.07	22	0.63	993	11.7	0.006	81.1	0.213	21	0.025	2.2	1.6	1.8	20
D00071698	3.06	4	0.16	0.05	14	0.3	321	2.7	0.004	37.3	0.084	18.8	0.025	2.6	2.6	0.8	33
D00071699	4.79	5	0.05	0.06	8	0.73	291	1.8	0.008	36.8	0.08	35.4	0.025	0.9	3.1	0.25	31
D00071737	2.16	3	0.22	0.06	10	0.27	91	5	0.005	28	0.139	10.3	0.025	1.4	0.1	3.5	11
D00071738	3.3	3	0.55	0.09	17	0.4	546	14	0.016	60.9	0.238	14.5	0.025	3.2	2.7	4.9	44
D00071739	3.66	3	0.22	0.09	31	0.47	387	12.1	0.006	72.1	0.262	20.9	0.025	3.7	2.3	2.4	50
D00071740	3.88	3	1.32	0.1	17	0.3	274	23.8	0.047	58.2	0.181	45.7	0.3	6.3	2.2	3	64
D00071741	3.26	3	0.7	0.08	22	0.37	325	14.3	0.005	55.8	0.293	22.6	0.025	3.9	2.8	2	56
D00071742	2.6	2	0.5	0.07	19	0.41	234	8.7	0.004	50.2	0.211	16.6	0.025	2.8	2.7	3.1	64
D00071743	2.77	3	0.44	0.07	18	0.39	234	9.2	0.005	48.2	0.192	14	0.025	2.3	2.5	2.9	47
D00071744	3.32	3	0.7	0.06	20	0.4	233	14.7	0.004	53.5	0.231	23.4	0.025	3.4	2.4	3.3	45
D00071745	3.62	3	0.69	0.07	19	0.53	174	12.9	0.003	75.5	0.243	22.6	0.09	3.9	3	7.5	65
D00071746	4.89	5	0.4	0.09	20	1	625	16.9	0.012	39.6	0.201	28.3	0.16	1.4	2.6	1.1	62
D00071747	4.57	5	0.09	0.08	14	0.91	109	4.6	0.01	33.3	0.119	33.6	0.14	0.8	2.2	0.7	31
D00071748	5.07	4	0.44	0.07	21	0.89	272	3.4	0.009	25.3	0.113	31.5	0.08	0.9	1.4	0.5	25
D00071749	4.64	5	0.13	0.06	21	0.71	246	1.3	0.008	28.4	0.131	25.9	0.1	0.4	1.5	0.7	37
D00071750	4.74	5	0.12	0.06	30	0.71	312	6.8	0.006	35.5	0.148	22.7	0.025	0.8	2.1	0.5	24
D00071751	2.95	6	0.05	0.06	31	0.28	143	4.8	0.005	20	0.149	19.5	0.025	0.7	0.4	0.25	15
D00071751	3.66	2	1.02	0.16	10	0.42	269	23.8	0.022	70.8	0.411	26.1	0.53	4.5	3.1	4.2	167
D00071752	2.74	3	0.38	0.09	23	0.35	97	20.6	0.005	48.2	0.181	18.7	0.06	2.3	1	3.5	24
D00071752	3.94	2	0.62	0.08	22	0.57	430	18.1	0.007	101.8	0.245	19.1	0.06	5.3	3.1	9.6	69
D00071753	2.73	3	0.41	0.06	15	0.39	272	10.1	0.004	50.9	0.156	16.7	0.025	3.1	2.2	6.1	55
D00071753	3	3	0.19	0.07	28	0.4	415	6.6	0.005	54.2	0.192	17	0.025	2.5	2.6	2.6	36
D00071754	2.94	3	0.26	0.07	23	0.45	249	12.5	0.003	58.3	0.182	13.7	0.025	2.7	1.9	3.2	28
D00071754	4.24	5	0.31	0.12	40	0.27	163	23.7	0.014	26.2	0.079	16.7	0.025	4.7	2.5	10.7	26
D00071755	2.73	2	0.6	0.09	19	0.32	247	14.8	0.012	62.5	0.261	21.1	0.09	3.7	1.8	2.4	54
D00071755	3.04	3	0.25	0.06	16	0.35	358	9.2	0.006	52.4	0.143	12.5	0.025	2.6	1.4	6.5	23
D00071756	3.61	4	0.36	0.13	17	0.41	459	9.4	0.025	56.9	0.121	13.4	0.11	2.7	2.6	5.2	34
D00071756	3.7	3	0.65	0.09	27	0.4	289	12.7	0.01	72.1	0.353	24	0.025	3.5	2.6	3.5	79
D00071757	3.55	2	0.49	0.08	19	0.34	483	15.6	0.009	44.9	0.2	29.9	0.12	4.5	1.4	2.2	47
D00071757	4.47	8	0.07	0.08	27	0.62	972	6.4	0.004	56.4	0.1	14.2	0.025	1.5	4.1	1.9	12
D00071758	3.9	4	0.26	0.13	15	0.48	1777	14.8	0.008	53.6	0.161	11.2	0.06	2	2.6	10	28
D00071758	3.69	4	0.95	0.08	16	0.25	371	12.5	0.024	50.7	0.202	23.2	0.09	3.9	1.3	3.5	48
D00071759	3.64	3	0.35	0.07	25	0.43	349	13	0.005	71.9	0.212	20	0.025	3.3	2.5	2.9	48
D00071759	2.88	4	0.06	0.05	16	0.39	502	2	0.006	29	0.051	12.7	0.025	1	2.7	1	12
D00071760	4.93	3	0.44	0.08	25	0.55	569	18.2	0.008	82.5	0.462	22.3	0.06	2.4	1.6	3.1	41
D00071760	2.94	7	0.11	0.05	14	0.24	1048	4	0.007	18.1	0.071	9.4	0.025	1.1	2.4	1.6	15
D00071761	3.87	5	0.09	0.06	18	0.34	661	4.6	0.004	32.7	0.111	13.5	0.025	1.3	2.5	1.5	9
D00071761	3.4	4	0.39	0.06	20	0.44	382	5.6	0.004	46.1	0.127	16	0.025	2	2	5	12

2019 Soil Data

Sample	Fe_PCT_ICP	Ga_PPM_ICP	Hg_PPM_ICP	K_PCT_ICP	La_PPM_ICP	Mg_PCT_ICP	Mn_PPM_ICP	Mo_PPM_ICP	Na_PCT_ICP	Ni_PPM_ICP	P_PCT_ICP	Pb_PPM_ICP	S_PCT_ICP	Sb_PPM_ICP	Sc_PPM_ICP	Se_PPM_ICP	Sr_PPM_ICP
D00071762	3.65	6	0.12	0.06	19	0.26	152	6.5	0.01	15.6	0.097	13.7	0.08	1.7	2	3.8	17
D00071762	3.43	3	0.59	0.05	31	0.49	295	12.4	0.004	90.7	0.172	15.7	0.025	3.9	2.1	8.2	24
D00071764	3	4	0.31	0.06	17	0.47	430	7.8	0.007	46.7	0.198	11.3	0.025	1.6	2.3	1.8	22
D00071764	3.49	3	0.41	0.06	36	0.51	359	11.5	0.002	78.5	0.21	17.8	0.025	2.9	2.9	3.3	24
D00071765	4.65	4	0.56	0.08	29	0.7	725	12.4	0.006	83.3	0.273	24.3	0.07	3.5	3.5	4.2	44
D00071765	3.32	6	0.15	0.07	17	0.29	312	5.7	0.008	27.9	0.065	9.3	0.05	1.7	2.8	3.3	19
D00071766	3.26	3	0.31	0.05	28	0.44	334	6.3	0.004	59	0.195	19.4	0.07	2.5	2.4	2.5	34
D00071766	3.26	4	0.41	0.07	17	0.31	543	10.2	0.018	43.4	0.075	12.2	0.11	2.4	2.2	5.2	39
D00071767	2.9	4	0.14	0.05	19	0.4	518	3.3	0.005	35	0.136	13.4	0.025	1.5	3.1	1.1	15
D00071767	3.69	3	0.79	0.09	29	0.49	289	28	0.015	102.6	0.399	24.8	0.1	5.1	3	9.2	100
D00071768	3.89	4	0.7	0.06	21	0.47	302	20.3	0.005	62.6	0.165	21.2	0.025	3	1.1	4.1	14
D00071768	5.95	5	0.81	0.16	34	0.19	83	93.2	0.071	14.4	0.197	22.6	0.74	15.1	3.7	22	64
D00071769	4.4	3	0.39	0.08	33	0.76	488	7.3	0.004	65	0.465	22.4	0.025	1.5	3.3	1.1	64
D00071769	3.84	7	0.05	0.05	11	0.63	474	2.2	0.006	28.7	0.055	18.4	0.025	0.7	3.9	0.25	17
D00071770	4.67	7	0.17	0.08	26	0.95	588	4.6	0.008	51.4	0.213	15.8	0.13	1.8	6.9	1.1	37
D00071770	3.88	7	0.03	0.05	12	0.59	454	2.2	0.006	27.2	0.06	17.8	0.05	0.7	3.8	0.25	17
D00071771	3.97	5	0.12	0.06	20	0.83	596	3.5	0.005	42	0.152	12.4	0.09	1.5	6.4	0.9	28
D00071771	3.34	0.5	0.38	0.04	6	0.04	136	26.9	0.004	45.1	0.081	20.4	0.025	1.2	2.8	2	20
D00071772	4.22	5	0.02	0.07	13	0.73	138	3.4	0.009	31.2	0.088	25.5	0.16	0.7	2	0.6	24
D00071772	3.08	4	0.14	0.04	9	0.18	127	2.5	0.004	41.2	0.099	27.5	0.06	0.9	3.1	1.4	35
D00071773	3.96	6	0.03	0.05	5	0.78	312	1	0.007	49.5	0.09	23.2	0.025	0.6	1.9	0.25	21
D00071773	3.02	4	0.25	0.07	17	0.43	277	5	0.009	25.2	0.121	15.5	0.09	3.1	2.5	2.5	37
D00071774	6.08	7	0.2	0.11	20	1.07	277	12.2	0.016	43.5	0.203	34.4	0.24	1.3	3.9	2	70
D00071774	4.51	3	0.95	0.08	30	0.63	539	24.2	0.005	127.3	0.276	26.3	0.06	7.1	3.7	7.6	43
D00071775	3.52	4	0.39	0.05	24	0.73	379	2.2	0.006	35	0.142	25.1	0.08	0.6	2.5	1.1	25
D00071775	4.13	5	0.5	0.07	21	0.52	347	9.3	0.006	49	0.141	24.8	0.07	4	2.4	3.6	25
D00071776	2.48	3	0.3	0.04	12	0.68	213	2.7	0.009	30.1	0.093	14.1	0.14	0.5	1.7	1.1	48
D00071776	3.16	3	0.26	0.09	17	0.35	498	17.8	0.009	63	0.202	17.3	0.08	3.4	1.8	4.3	32
D00071777	3.19	3	0.9	0.13	21	0.56	180	33.2	0.007	90.4	0.39	19.8	0.13	5	3.2	6.2	89
D00071777	3.56	3	0.29	0.08	15	0.38	459	12.3	0.024	69.5	0.163	16.5	0.22	2.8	2.7	5.5	43
D00071778	3.71	2	0.55	0.12	11	0.36	209	25.4	0.009	67.3	0.143	20.4	0.65	3.9	2.2	5.1	114
D00071778	3.02	4	0.23	0.08	16	0.34	458	9.2	0.015	45.6	0.175	20.9	0.08	2.7	1.5	4	24
D00071779	3.41	2	0.48	0.1	22	0.43	249	10.5	0.005	67.3	0.207	19.4	0.29	3.1	2	7.1	70
D00071779	4.12	4	0.77	0.09	17	0.59	396	32.1	0.01	88.5	0.237	21.9	0.06	3.5	1.9	6.8	44
D00071780	3.3	2	0.61	0.09	16	0.44	284	11.8	0.005	70.3	0.205	21.3	0.11	3.7	2.5	5.1	54
D00071780	3.6	6	0.15	0.06	22	0.48	198	2.5	0.01	25	0.126	17.6	0.08	0.7	1.7	1.1	27
D00071781	3.79	3	0.4	0.11	17	0.54	1238	10.5	0.009	96.4	0.142	16.8	0.025	3.4	3.8	7.3	46
D00071781	3.54	6	0.4	0.09	26	0.72	262	3.1	0.011	34.6	0.224	19.5	0.09	0.7	2.3	1.3	41
D00071782	2.97	4	0.09	0.08	16	0.36	397	6.3	0.014	40.6	0.147	15.4	0.06	1.8	1.5	5.9	42
D00071782	4.36	5	0.27	0.08	26	0.83	452	8.7	0.009	41.9	0.23	27.5	0.07	1.2	1.9	1.3	41
D00071783	3.77	5	0.2	0.08	19	0.46	250	11.8	0.014	45.3	0.139	16.8	0.025	3.1	2.1	11.7	30
D00071783	5.48	3	0.67	0.08	16	0.65	655	25.7	0.017	78.6	0.308	24	0.13	3.3	1.9	8.5	94
D00071784	3.63	2	0.94	0.13	17	0.44	521	25.4	0.011	106	0.482	18	0.06	3.6	3.7	5.7	99
D00071784	3.76	3	0.56	0.09	26	0.59	341	12.2	0.005	88.4	0.199	18.3	0.025	3.6	2.3	7.5	30
D00071785	3.49	4	0.18	0.09	14	0.14	616	20	0.011	55.1	0.147	14.5	0.025	3.6	1.2	6.7	21
D00071785	3.64	3	0.68	0.09	24	0.57	408	11.9	0.007	97.7	0.182	19.6	0.025	4	3.4	6.9	50
D00071786	3.2	6	0.13	0.08	18	0.37	418	8.9	0.007	33.1	0.157	12.8	0.025	1.8	0.7	2.3	19
D00071786	4.25	5	0.14	0.08	27	0.7	365	5.4	0.008	31.7	0.159	26	0.05	0.9	1.7	1.3	29

2019 Soil Data

Sample	Fe_PCT_ICP	Ga_PPM_ICP	Hg_PPM_ICP	K_PCT_ICP	La_PPM_ICP	Mg_PCT_ICP	Mn_PPM_ICP	Mo_PPM_ICP	Na_PCT_ICP	Ni_PPM_ICP	P_PCT_ICP	Pb_PPM_ICP	S_PCT_ICP	Sb_PPM_ICP	Sc_PPM_ICP	Se_PPM_ICP	Sr_PPM_ICP
D00071787	5.03	3	0.37	0.07	29	0.46	781	19.4	0.006	93.7	0.404	31.8	0.025	6.3	2.6	4.9	50
D00071787	3.95	5	0.09	0.08	21	0.7	296	9.1	0.009	28.6	0.133	28.7	0.11	0.7	1.5	1.1	42
D00071788	4.37	4	0.47	0.09	16	0.46	623	19.8	0.012	80.1	0.229	17.2	0.12	3.6	2.7	8.6	82
D00071788	3.24	3	0.51	0.08	17	0.62	397	8.5	0.005	79.9	0.156	18	0.07	2.3	2.4	4.3	72
D00071789	3.82	5	0.38	0.08	17	0.28	352	13.1	0.018	34.5	0.159	17.9	0.1	2.3	1.5	6.5	37
D00071789	3.2	4	0.38	0.08	24	0.31	227	14.3	0.007	41.6	0.184	22.2	0.025	3.2	1.2	3.7	29
D00071790	4.89	2	0.92	0.08	28	0.49	428	33.4	0.004	117.2	0.31	26.4	0.025	6.9	3.6	8.5	67
D00071790	3.49	3	0.23	0.11	16	0.35	679	10.6	0.01	44.1	0.213	15.9	0.06	3	1.6	3.8	46
D00071791	4.38	4	0.62	0.1	29	1.03	684	31.7	0.007	95.2	0.662	23.6	0.025	4.1	2.8	4.6	92
D00071791	2.97	5	0.13	0.06	17	0.3	268	5.6	0.006	25.2	0.116	13.8	0.025	1.5	0.8	2.5	16
D00071792	3.97	4	0.25	0.08	26	0.67	503	8	0.007	42.2	0.337	20.8	0.025	1.3	1.9	1.7	45
D00071792	4.1	5	0.14	0.06	29	0.88	959	3.2	0.006	38.4	0.114	23.3	0.025	0.5	2.5	0.6	16
D00071793	3.57	5	0.1	0.06	23	0.72	398	4.6	0.005	40.9	0.171	18.5	0.025	1	2.4	1.6	27
D00071793	3.62	5	0.08	0.06	25	0.69	311	1.7	0.007	33.2	0.152	22.7	0.025	0.6	1.5	0.25	18
D00071794	3.54	4	0.14	0.05	13	0.3	327	3.7	0.005	47.1	0.093	21.2	0.025	2.9	2.7	2.7	37
D00071794	4.66	5	0.64	0.08	24	1.02	341	3	0.024	40.7	0.373	29.4	0.16	1	2.2	2	95
D00071795	3.4	4	0.14	0.05	13	0.29	334	3.6	0.004	47.8	0.095	20.8	0.025	2.7	2.6	1.9	37
D00071795	3.03	4	0.4	0.07	13	0.41	249	6.2	0.008	32.8	0.239	16.9	0.1	0.8	0.4	2.7	37
D00071796	4.08	5	0.09	0.05	31	0.96	661	3.1	0.006	48.7	0.156	21.8	0.06	0.8	2	0.7	27
D00071796	3.56	2	0.57	0.11	20	0.47	342	19.8	0.015	97.1	0.406	18.5	0.34	3.5	2.4	6	119
D00071797	4.07	5	0.26	0.05	30	0.96	305	3.6	0.005	56.2	0.155	24.6	0.05	0.9	3.2	0.6	33
D00071797	3.18	2	0.49	0.08	12	0.43	194	17.1	0.006	78.2	0.158	16.7	0.27	4	2.8	5.8	71
D00071798	3.19	3	0.61	0.06	20	0.62	633	10.8	0.005	63.2	0.175	19.9	0.08	1.9	2.7	2.8	54
D00071798	3.3	2	0.41	0.07	28	0.47	330	15.1	0.005	84	0.244	19.8	0.06	4.5	3.6	3.4	44
D00071799	3.21	2	0.57	0.09	17	0.43	413	11.8	0.005	98.7	0.16	19.1	0.12	3.6	2.2	6.2	54
D00071799	2.38	3	0.2	0.06	21	0.3	245	6.5	0.004	36.4	0.186	13.6	0.05	2	1.4	1.6	25
D00071800	3.3	2	0.66	0.08	18	0.42	288	14	0.007	87.4	0.24	19.3	0.11	4.4	2.9	5.1	78
D00071800	3.37	3	0.35	0.12	14	0.55	843	8.6	0.007	82.7	0.142	14.3	0.07	3.2	3.3	3.3	41
D00071801	3.48	6	0.14	0.06	23	0.54	311	4.1	0.006	23.8	0.091	20.8	0.06	0.8	2.5	0.6	26
D00071802	4.53	5	0.23	0.06	28	0.85	564	4.8	0.006	39.5	0.171	25.5	0.08	1.2	2	1.3	28
D00071803	4.21	5	0.17	0.06	33	1.07	407	4.1	0.006	49.1	0.185	21.6	0.05	0.5	2.4	0.25	29
D00071804	4.13	2	0.48	0.08	25	0.42	439	13.1	0.011	111.3	0.196	20.1	0.17	4.9	2.4	8	57
D00071805	3.76	2	0.56	0.1	24	0.53	324	19.3	0.008	121.8	0.219	18.3	0.11	5.3	3.5	8.6	63
D00071806	2.8	3	0.43	0.07	18	0.39	124	16.9	0.003	42.9	0.191	14.5	0.11	2.3	1.4	3.6	26
D00071807	2.53	2	0.37	0.07	14	0.38	151	9.5	0.004	59.5	0.176	14	0.15	2.5	1.8	5.1	75
D00071808	3.72	3	0.65	0.12	16	0.49	481	17.5	0.012	84	0.307	17.6	0.15	3.8	3.7	5.1	69
D00071809	3.44	3	0.15	0.08	17	0.51	427	13.3	0.011	61.9	0.147	15.5	0.1	3.3	2.3	6.1	37
D00071810	3.9	5	0.06	0.08	24	0.9	847	1.2	0.004	75.7	0.076	16.2	0.025	0.9	3.6	1	20
D00071811	3.15	5	0.07	0.12	15	0.28	477	8.4	0.004	42.3	0.117	11.6	0.025	2.1	1.4	4.3	6
D00071812	3.35	4	0.22	0.08	18	0.45	621	11	0.007	52	0.186	17	0.025	2.5	1.1	2.3	22
D00071813	2.79	5	0.09	0.05	13	0.39	229	2.6	0.006	20.4	0.081	9.5	0.025	1	3	1.6	11
D00071814	4.92	4	0.5	0.07	27	0.52	291	36.6	0.013	46.1	0.154	21.8	0.16	8	2.7	12.4	44
D00071815	4.34	4	0.4	0.08	22	0.67	472	20.5	0.01	81.5	0.157	21.2	0.12	5.1	2.8	6.8	47
D00071816	5.72	5	0.4	0.09	17	0.72	734	22.3	0.019	104.7	0.208	17.2	0.26	4.7	5	8.2	93
D00071817	5.94	3	2.27	0.09	27	0.39	428	23.3	0.013	95.3	0.251	46.1	0.15	9.1	2.9	4.6	69
D00071818	4.3	3	0.75	0.1	24	0.5	702	27.8	0.009	107.7	0.442	19.5	0.09	4.4	1.3	7.1	55
D00071819	3.7	3	0.52	0.1	22	0.58	374	21.6	0.007	62.3	0.463	19.2	0.13	2.7	1.3	3.2	64
D00071820	5.43	3	0.2	0.07	29	0.39	1065	4.2	0.008	53.3	0.244	29.9	0.1	1.2	2	0.8	39

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Sample	Fe_PCT_ICP	Ga_PPM_ICP	Hg_PPM_ICP	K_PCT_ICP	La_PPM_ICP	Mg_PCT_ICP	Mn_PPM_ICP	Mo_PPM_ICP	Na_PCT_ICP	Ni_PPM_ICP	P_PCT_ICP	Pb_PPM_ICP	S_PCT_ICP	Sb_PPM_ICP	Sc_PPM_ICP	Se_PPM_ICP	Sr_PPM_ICP
D00071821	3.93	5	0.07	0.07	25	0.52	246	4.2	0.007	33.5	0.091	22.8	0.1	1.3	1.5	0.8	24
D00071822	4.18	5	0.05	0.06	25	0.56	277	4.1	0.007	36	0.098	26.1	0.1	1.4	1.7	0.5	25
D00071823	4.24	4	0.19	0.06	29	0.89	1378	10	0.005	55	0.187	19.3	0.025	1.1	2.3	1.2	22
D00071824	5.59	4	0.2	0.06	24	0.69	905	6.1	0.016	92.5	0.187	24.8	0.15	0.8	3.2	1	42
D00071825	4.13	4	0.4	0.06	21	0.87	602	7.2	0.011	66.7	0.177	20	0.12	1.2	3.1	1.4	56
D00071826	4.41	2	0.73	0.08	18	0.49	638	19.2	0.004	163.8	0.247	19.5	0.08	5.3	3.2	14.9	53
D00071827	5.94	3	1	0.09	14	0.59	877	25.2	0.022	169.6	0.179	65.3	0.22	11.4	5.3	3.9	82
D00071828	3.4	2	0.65	0.08	27	0.49	293	17.6	0.004	104.5	0.233	21.7	0.025	5.1	2.5	10.9	57
D00071829	3.2	4	0.19	0.05	19	0.41	292	5.4	0.004	44.4	0.08	16.5	0.025	2.2	2.5	10.4	10
D00071830	3.56	5	0.12	0.06	18	0.34	248	6.8	0.009	33.4	0.106	26.4	0.025	2.6	2	2.6	19
D00071831	3.1	3	0.54	0.07	26	0.38	261	11.4	0.008	54.1	0.322	19.1	0.025	2.5	1.6	3.9	45
D00071832	2.83	5	0.15	0.05	15	0.37	211	4.4	0.005	29.4	0.084	13.1	0.025	1.6	1.2	2.9	12
D00071833	2.59	3	0.27	0.05	21	0.34	127	9.7	0.003	34.2	0.205	14.9	0.025	1.3	0.5	1.4	22
D00071834	3.36	3	0.23	0.07	23	0.34	445	18	0.009	71.8	0.168	18	0.025	3.1	2.5	5.4	41
D00071835	3.08	3	0.17	0.17	11	0.29	1323	6.6	0.008	65.7	0.174	14.7	0.025	2.5	0.7	15.9	21
D00071836	5.85	8	0.17	0.16	25	0.29	738	18.6	0.024	32.1	0.198	16.7	0.13	2.9	2	12.8	48
D00071837	4.01	2	0.46	0.06	22	0.43	893	14.5	0.004	85.4	0.354	19.8	0.025	3	2.3	3.4	38
D00071838	4.36	3	0.43	0.08	17	0.62	499	12.9	0.004	98.7	0.123	22.9	0.025	5	2.4	9.9	25
D00071839	4.38	2	0.6	0.07	22	0.45	440	9.3	0.004	97	0.18	22.2	0.025	4.4	3.3	7.5	42
D00071840	3.72	2	0.77	0.07	23	0.46	395	12.6	0.005	78.9	0.22	23.8	0.025	4.4	1.5	4.1	32
D00071841	5.09	3	0.95	0.08	31	0.39	223	20.6	0.01	62.8	0.186	41.3	0.19	9.6	2	3.4	57
D00071842	3.37	3	0.43	0.06	21	0.35	305	17.7	0.014	54.8	0.203	18.3	0.07	3.2	1.5	5.8	54
D00071843	5.28	3	1.29	0.1	28	0.46	522	17.4	0.039	107.8	0.306	47.7	0.35	6.9	2.8	4	95
D00071844	3.74	2	0.65	0.05	17	0.18	229	23.2	0.007	59	0.213	24.4	0.025	3.7	1.3	2.1	25
D00071845	4.47	4	0.39	0.08	20	0.41	655	16.3	0.014	53.7	0.194	18	0.15	3.2	1.3	4.5	45
D00071846	4.16	4	0.39	0.08	21	0.41	613	16.4	0.013	53.1	0.185	18.2	0.13	3.1	1.2	4.9	43
D00071847	5.32	2	1.96	0.1	22	0.18	453	24.8	0.044	66.2	0.194	87.4	0.36	11.3	1.7	5.1	62
D00071848	3.31	4	0.08	0.1	21	0.19	294	15.5	0.013	17.6	0.129	20.7	0.13	2.6	1.3	5.4	38
D00071849	3.61	4	0.09	0.08	19	0.33	372	10.2	0.009	47	0.17	25.2	0.025	3.5	1.4	2.5	27
D00071850	4.1	2	1.18	0.1	17	0.25	213	18.4	0.021	32.8	0.21	31.1	0.36	5.4	1.6	2.4	71
D00071851	3.01	4	0.19	0.06	19	0.55	363	4.9	0.006	42.1	0.118	16.5	0.025	1.6	2.9	1.3	26
D00071852	3.7	3	0.21	0.07	26	0.47	1510	13.4	0.003	61.8	0.201	18.8	0.025	4.3	3	2.8	25
D00071853	2.38	2	0.41	0.06	14	0.46	770	4.5	0.005	50.7	0.141	15.9	0.025	1.9	3.3	2.5	65
D00071854	3.56	4	0.62	0.05	26	0.82	447	6.8	0.004	47.2	0.196	22.3	0.025	1.8	2.3	1.5	41
D00071855	2.69	3	0.62	0.06	17	0.6	262	8.6	0.005	64.8	0.186	15.6	0.025	2	2.6	2.5	69
D00071856	2.03	2	0.46	0.06	16	0.35	189	5	0.005	57.2	0.152	12.3	0.07	1.8	2.4	5.7	96
D00071857	3.52	3	1.32	0.09	23	0.41	223	33.2	0.005	114.6	0.279	17.1	0.025	4.6	3	9.1	43
D00071858	3.3	2	0.91	0.09	15	0.4	412	17.2	0.011	87.2	0.253	25.4	0.08	5	3.1	5.7	81
D00071859	3.86	3	0.77	0.11	16	0.43	557	19.9	0.016	95.4	0.181	28.6	0.17	6.1	4.1	7	73
D00071860	3.8	2	0.52	0.11	15	0.46	736	20.4	0.011	105.4	0.287	18.2	0.07	4	2.9	4.5	51
D00071861	3.72	4	0.09	0.08	18	0.73	881	1.4	0.009	75.3	0.107	18.9	0.025	2	3.5	1.9	43
D00071862	3.58	4	0.09	0.08	17	0.25	478	14.6	0.005	38.8	0.133	12.6	0.025	3.1	1.5	4.7	12
D00071863	4.9	3	0.4	0.09	29	0.46	1178	22.7	0.014	107.2	0.145	24.2	0.06	5.2	3.7	7.7	35
D00071864	2.92	6	0.17	0.06	15	0.32	206	9.4	0.008	29.8	0.119	14.6	0.025	1.8	0.8	3.4	16
D00071865	3.52	7	0.08	0.09	14	0.47	520	3.5	0.006	27	0.082	15.4	0.025	1.4	2.4	3.2	12
D00071866	3.64	3	0.81	0.14	17	0.48	328	19.3	0.017	71.1	0.417	15.1	0.27	2.8	2.6	3.8	93
D00071867	3.14	6	0.13	0.06	16	0.49	293	3.3	0.006	27.3	0.083	12.5	0.025	1.2	2.1	3.2	15
D00071868	4.05	4	0.41	0.06	27	0.37	273	27.3	0.004	73.9	0.215	19.3	0.025	4.8	1.2	7.2	13

2019 Soil Data

Sample	Fe_PCT_ICP	Ga_PPM_ICP	Hg_PPM_ICP	K_PCT_ICP	La_PPM_ICP	Mg_PCT_ICP	Mn_PPM_ICP	Mo_PPM_ICP	Na_PCT_ICP	Ni_PPM_ICP	P_PCT_ICP	Pb_PPM_ICP	S_PCT_ICP	Sb_PPM_ICP	Sc_PPM_ICP	Se_PPM_ICP	Sr_PPM_ICP
D00071869	4.83	4	0.73	0.12	31	0.77	635	23.2	0.01	85.7	0.496	24	0.09	3.1	2.7	4	98
D00071870	5.14	5	0.29	0.09	36	0.97	804	7	0.008	60.8	0.246	29.4	0.025	2.3	5.2	1.2	51
D00071871	5.83	3	0.28	0.07	28	1.02	1286	18.4	0.027	82.9	0.234	28.1	0.15	1.3	3.9	4.8	51
D00071872	5.35	3	0.72	0.08	34	0.64	698	17	0.005	124.9	0.254	30.3	0.025	5.8	4.1	3.1	43
D00071873	3.3	4	0.27	0.06	17	0.43	244	4.4	0.006	55.8	0.141	24.2	0.025	2.9	3.6	1.6	39
D00071874	3.49	4	0.26	0.06	18	0.43	259	4.5	0.005	56.6	0.143	24.2	0.025	3	3.5	1.5	39
D00071875	2.72	5	0.08	0.06	28	0.55	146	4.1	0.005	24.3	0.098	14	0.025	0.8	2.1	0.8	13
D00071876	3.8	6	0.08	0.07	26	0.63	298	5.4	0.009	30.4	0.145	19	0.025	1.1	2.9	1.2	23
D00071877	4.81	6	0.16	0.09	29	0.8	683	6.9	0.011	44.5	0.269	26.3	0.08	0.8	1.9	1.8	47
D00071878	3.7	3	0.34	0.11	26	0.45	422	13.1	0.004	89.6	0.174	24.4	0.07	4.2	2.2	4.7	36
D00071879	3.2	2	0.37	0.1	15	0.43	265	10.9	0.006	63.5	0.19	16.6	0.14	3.5	1.7	7	57
D00071880	3.26	2	0.53	0.09	24	0.44	265	15.4	0.004	80.6	0.232	15.9	0.025	3.5	2.2	5.9	39
D00071881	4.13	2	0.55	0.08	27	0.44	595	18.6	0.003	97.7	0.184	19.2	0.025	5.1	4.1	10	25
D00071882	3.16	3	0.08	0.09	24	0.39	894	9.7	0.007	49.2	0.181	19.5	0.025	2.8	1.2	2.5	24
D00071883	3.27	2	0.4	0.09	18	0.47	287	17	0.004	74.2	0.147	20.8	0.025	3.6	1.7	3.6	29
D00071884	3.88	3	0.54	0.09	24	0.49	336	14.3	0.008	85.8	0.213	28.1	0.21	5.4	3.8	3.3	71
D00071885	3.74	3	0.24	0.07	32	0.34	354	14.8	0.005	67.8	0.209	18.2	0.025	3.2	2	3.4	29
D00071886	3.62	4	0.16	0.09	19	0.31	619	19.5	0.042	46	0.158	15.2	0.19	3.1	1.5	4.2	33
D00071887	3.53	4	0.36	0.1	26	0.5	407	15.3	0.019	63.4	0.27	15.8	0.025	2.8	2.6	3.6	40
D00071888	4.85	4	0.62	0.17	20	0.74	1360	14.4	0.016	109.3	0.181	18.1	0.05	3.9	4.4	6.9	52
D00071889	3.26	4	0.2	0.07	26	0.49	385	9.6	0.005	60.4	0.149	20.5	0.025	2.9	2.7	3.4	20
D00071890	3.41	4	0.21	0.08	24	0.22	226	11.7	0.005	53.1	0.169	16.1	0.025	3.6	0.8	6.5	12
D00071891	3.83	3	0.34	0.1	28	0.61	287	13.1	0.005	76.3	0.129	18.1	0.025	3.8	2.2	6.8	18
D00071892	3.22	4	0.29	0.08	24	0.51	389	8.1	0.005	57.2	0.128	15.1	0.025	2.1	2.6	2.6	20
D00071893	2.8	4	0.12	0.06	28	0.33	145	7	0.004	35.5	0.144	13.3	0.025	2.1	0.8	1.8	13
D00071894	3.85	3	0.35	0.06	28	0.43	313	13.5	0.006	53.8	0.192	24.9	0.025	3.6	1.9	2.2	28
D00071895	2.81	3	0.33	0.06	23	0.31	310	11.5	0.005	31.8	0.144	14.9	0.025	2.2	1.8	1.8	16
D00071896	3.12	4	0.48	0.05	18	0.44	500	8	0.006	44.4	0.223	17.5	0.07	1.8	2.4	2.1	52
D00071897	2.83	3	0.14	0.06	21	0.55	438	5.9	0.006	56.6	0.164	12.9	0.025	2.2	3.3	1.1	28
D00071898	2.89	3	0.13	0.06	20	0.52	448	6	0.006	58.9	0.169	12.7	0.025	2.3	3.3	1.1	27
D00071899	3.55	3	0.48	0.09	32	0.54	300	16	0.01	54.1	0.217	28.9	0.1	11.2	1.9	8.1	67
D00071900	2.94	4	0.05	0.05	12	0.28	353	1.9	0.009	32.7	0.091	18.8	0.025	1.5	1.7	1.1	31
D00071901	5.3	3	0.4	0.08	28	0.58	2119	25	0.006	135.1	0.362	22.7	0.025	3.8	6.7	4.6	53
D00071902	4.54	4	0.47	0.12	26	0.38	444	16.9	0.021	50.8	0.264	35.8	0.28	5.1	2.5	4.3	93
D00071903	2.93	4	0.4	0.09	24	0.55	408	21.2	0.007	53.9	0.21	15.6	0.025	3	1.1	2.9	32
D00071904	9.94	5	0.99	0.12	28	0.55	10001	110	0.011	440.8	0.22	18.3	0.025	7.1	2.2	8.6	226
D00071905	3.09	4	0.07	0.07	10	0.12	503	2.2	0.005	31.8	0.133	25.2	0.11	0.8	1.8	0.7	34
D00071906	3.61	3	0.23	0.06	23	0.37	287	7.2	0.005	44.3	0.119	25.2	0.025	1.5	2.6	0.9	46
D00071907	4.03	4	0.26	0.07	31	0.71	662	8.6	0.01	59.9	0.159	27.3	0.06	5.1	2.9	2.2	46
D00071908	4.62	2	1.31	0.08	32	0.46	774	23.7	0.004	97.3	0.28	44.2	0.025	8.2	3	4	60
D00071909	4.67	6	0.34	0.16	31	0.34	153	25.9	0.044	18.2	0.169	19.7	0.55	4.9	2.8	10.9	30
D00071910	3.71	3	0.25	0.06	26	0.56	439	8.6	0.006	66.5	0.183	22.8	0.025	5.9	2.5	4.4	45
D00071911	4.27	2	0.23	0.08	22	0.21	776	16.8	0.012	97.6	0.19	20.3	0.08	4.4	3.6	5.5	36
D00071912	3.47	2	0.31	0.1	20	0.4	736	11.6	0.012	97.8	0.166	17.6	0.025	3.2	4	5	43
D00071913	3.29	3	0.33	0.13	25	0.48	564	17.1	0.008	77.1	0.192	17	0.06	3.7	2.6	3.5	42
D00071914	3.18	5	0.22	0.09	24	0.42	265	11.8	0.005	39.4	0.136	17	0.025	2	2.1	3.9	17
D00071915	2.92	5	0.19	0.08	23	0.36	223	12.7	0.005	39	0.133	15.8	0.025	2	2	2.8	15
D00071916	3.44	4	0.18	0.07	26	0.48	357	7.5	0.006	36.7	0.143	24.5	0.025	4.5	2	3	42

2019 Soil Data

Sample	Fe_PCT_ICP	Ga_PPM_ICP	Hg_PPM_ICP	K_PCT_ICP	La_PPM_ICP	Mg_PCT_ICP	Mn_PPM_ICP	Mo_PPM_ICP	Na_PCT_ICP	Ni_PPM_ICP	P_PCT_ICP	Pb_PPM_ICP	S_PCT_ICP	Sb_PPM_ICP	Sc_PPM_ICP	Se_PPM_ICP	Sr_PPM_ICP
D00071917	4.67	5	0.15	0.07	17	0.45	872	6.1	0.007	47.2	0.159	28.3	0.025	2	3.1	2	25
D00071918	3.67	4	0.2	0.07	18	0.62	377	6.6	0.006	55.2	0.141	23.1	0.025	2.3	2.9	1.7	33
D00071919	2.26	2	0.39	0.06	10	0.41	618	5.9	0.005	37.2	0.137	12.2	0.11	2	2.4	2	93
D00071920	2.43	3	0.56	0.07	16	0.49	571	6.2	0.004	51.5	0.169	14.8	0.11	2.4	3	4.9	70
D00071921	3.03	3	0.59	0.08	25	0.61	297	8.8	0.004	62.7	0.2	15.7	0.025	2.3	3.2	5.1	63
D00071922	2.97	3	0.77	0.09	26	0.52	470	10.4	0.004	71.8	0.216	17	0.025	2.5	3.8	4.3	61
D00071923	3.15	3	0.54	0.12	28	0.47	442	13.4	0.004	60.3	0.218	18.1	0.025	3.4	3.1	2.5	41
D00071924	3.05	2	0.82	0.1	18	0.45	295	14.9	0.005	93.2	0.175	16.7	0.1	4	3.1	8.5	84
D00071925	4.17	3	0.95	0.14	24	0.44	847	13.2	0.015	69.9	0.222	27.4	0.11	4.9	3.2	5.1	72
D00071926	3.22	3	0.35	0.13	17	0.6	825	7	0.005	79.9	0.138	14.1	0.025	2.3	3.5	3.9	34
D00071927	4.13	4	0.12	0.11	20	0.72	864	8.4	0.008	80.9	0.186	17.6	0.025	3.2	3.2	5.3	46
D00071928	2.84	3	0.14	0.13	16	0.31	849	9.5	0.004	52.4	0.172	13.6	0.025	2.6	1.5	3.4	19
D00071929	3.2	3	0.15	0.12	13	0.22	713	12.5	0.012	43.1	0.16	12.4	0.08	2.6	0.8	8.9	26
D00071930	3.59	3	0.36	0.1	16	0.15	492	18.4	0.014	60.1	0.283	24.7	0.11	3.7	1.5	3.4	35
D00071931	3.29	4	0.16	0.07	28	0.61	321	7.5	0.007	45.3	0.162	15.7	0.025	1.4	3	1.8	35
D00071931	3.1	5	0.11	0.08	23	0.26	140	14.6	0.007	31.1	0.097	15.8	0.025	3.5	2.4	4.8	19
D00071932	3.2	5	0.08	0.05	20	0.3	138	3.1	0.006	24.2	0.076	17.2	0.025	1.2	1.5	1.3	21
D00071932	4.31	4	0.23	0.06	19	0.43	317	7.1	0.024	40.1	0.222	11.3	0.1	3.5	2.7	5.7	35
D00071933	3.88	3	0.37	0.06	19	0.36	453	16.2	0.01	61.5	0.268	17	0.1	2.5	0.7	4.6	32
D00071933	3.02	6	0.1	0.06	16	0.25	235	5.6	0.006	22.8	0.076	10.8	0.025	1.4	1.3	3.1	12
D00071934	3.58	4	0.19	0.06	17	0.47	516	8.7	0.007	52.3	0.152	12.8	0.05	2.3	1.5	4.4	22
D00071934	3.07	4	0.26	0.05	18	0.39	331	7.1	0.005	39.9	0.121	13.6	0.025	2.2	1	2.6	11
D00071935	3.04	4	0.28	0.06	22	0.44	194	10	0.006	50.7	0.146	14.1	0.05	2.4	1.1	3.5	16
D00071935	3.96	4	0.25	0.08	22	0.7	528	8.2	0.006	50.3	0.255	17.5	0.08	1.3	2.6	1.6	34
D00071936	4.32	2	0.68	0.07	29	0.49	545	13.5	0.004	99.4	0.175	23	0.025	5.6	2.7	7.9	23
D00071936	4.79	4	0.24	0.06	30	0.78	670	6	0.007	58.7	0.186	24.4	0.09	0.9	3.4	0.6	39
D00071937	2.8	8	0.09	0.06	15	0.18	115	9	0.005	14.3	0.057	9.1	0.025	1.5	2	3.2	11
D00071937	4.16	4	0.89	0.16	30	0.85	597	48.4	0.007	139	0.46	17.8	0.07	5.2	5	16.5	58
D00071938	4.14	4	0.19	0.06	25	0.53	406	10.1	0.005	63.4	0.186	27.2	0.07	3.8	1.4	2.9	20
D00071938	3.9	3	0.35	0.08	28	0.47	323	10.7	0.006	82.1	0.215	17	0.08	3.7	1.8	6.5	34
D00071939	4.28	2	0.99	0.12	21	0.6	1822	45.4	0.005	195.8	0.273	22.7	0.07	7	6	5.8	43
D00071939	4.53	5	0.25	0.06	35	1.13	422	6.1	0.003	57	0.239	24	0.025	2.1	2.9	0.7	25
D00071940	4.38	3	1.02	0.11	16	0.35	964	16.7	0.041	71.5	0.284	18.9	0.25	4.4	2.8	6.9	65
D00071940	4.56	5	0.25	0.06	35	1.14	434	6	0.003	56.1	0.236	24.3	0.025	2.2	2.9	0.5	24
D00071941	2.97	3	0.09	0.06	12	0.19	326	2.3	0.006	28.9	0.11	15.8	0.07	1.3	1.5	1	25
D00071941	3.09	4	0.34	0.06	19	0.35	267	9.9	0.007	38.4	0.117	18.5	0.05	3.1	1.3	2.4	25
D00071942	3.73	5	0.1	0.05	23	0.39	229	7.8	0.007	27.5	0.077	17.2	0.07	1.1	1.8	1.1	23
D00071942	3.69	3	0.21	0.08	19	0.33	433	13.3	0.008	56.8	0.318	17.1	0.07	1.9	0.5	2.2	27
D00071943	3.14	5	0.13	0.06	23	0.59	312	6.3	0.007	33.9	0.134	12.9	0.06	1.5	1.6	1.1	17
D00071943	3.21	2	0.74	0.09	20	0.49	398	13.8	0.004	93.3	0.184	18.6	0.07	3.9	2.8	3.9	60
D00071944	3.48	4	0.14	0.06	20	0.6	408	5.1	0.005	42.1	0.155	16.7	0.06	1.3	2.3	1.1	25
D00071944	2.74	2	0.78	0.09	16	0.46	252	16	0.005	93.1	0.231	14.5	0.1	3.2	2.8	7.3	71
D00071945	5.17	3	0.95	0.07	26	0.47	713	26.2	0.01	86.4	0.254	31.8	0.12	6.7	2.2	4.7	37
D00071945	2.84	3	0.73	0.08	19	0.45	553	16.9	0.004	72.9	0.22	16.5	0.08	2.9	3.2	5	54
D00071946	2.39	3	0.32	0.07	19	0.43	230	7.9	0.005	35.7	0.187	11	0.05	1.8	1.8	1.4	26
D00071946	4.28	4	0.1	0.07	22	1.01	1407	4.3	0.006	64.4	0.1	17	0.06	1.5	3.3	1.8	40
D00071947	5.07	4	0.54	0.11	18	0.5	236	26.1	0.033	41.8	0.22	16.8	0.47	5.7	2.5	10.5	90
D00071947	2.46	2	0.32	0.07	18	0.37	161	10.7	0.004	53.9	0.204	11.2	0.08	2.4	1.7	4.1	35

2019 Soil Data

Sample	Fe_PCT_ICP	Ga_PPM_ICP	Hg_PPM_ICP	K_PCT_ICP	La_PPM_ICP	Mg_PCT_ICP	Mn_PPM_ICP	Mo_PPM_ICP	Na_PCT_ICP	Ni_PPM_ICP	P_PCT_ICP	Pb_PPM_ICP	S_PCT_ICP	Sb_PPM_ICP	Sc_PPM_ICP	Se_PPM_ICP	Sr_PPM_ICP
D00071948	4.29	3	0.5	0.09	18	0.49	1002	18	0.016	110	0.204	18.1	0.19	4.5	3.7	6.3	55
D00071948	3.76	2	1.05	0.1	16	0.32	282	21.4	0.016	73.2	0.315	32.4	0.24	6	3.1	3.6	81
D00071949	3.55	4	0.1	0.06	18	0.21	260	12.4	0.012	38.7	0.146	16.1	0.12	3.1	1.7	5.4	61
D00071949	3.33	2	0.74	0.08	23	0.36	244	14.9	0.01	67	0.217	31.5	0.13	6.2	3	3.3	60
D00071950	4.27	4	0.36	0.09	14	0.34	518	17.4	0.026	49.6	0.186	16.2	0.26	3.7	2	9.3	58
D00071950	2.98	2	0.34	0.07	22	0.46	241	10.2	0.005	73	0.184	15.7	0.09	3.4	2.5	3.4	48
D00071951	3.34	5	0.11	0.06	21	0.58	411	6.4	0.005	35.5	0.146	16.3	0.025	5.2	2.4	2.3	29
D00071952	4.39	4	0.09	0.05	27	0.72	431	6.1	0.004	38.8	0.199	25.5	0.025	1	1.8	1.1	11
D00071953	4.27	3	1.15	0.07	28	0.38	423	23.8	0.004	85.1	0.342	19	0.025	4.2	1.2	5.6	35
D00071954	3.14	3	0.99	0.04	29	0.2	123	17.6	0.003	49.7	0.177	18.3	0.025	3.9	1.3	4.9	10
D00071955	4.9	3	2.17	0.06	29	0.47	908	15.5	0.005	78.5	0.268	49.6	0.025	8.3	2.7	2.9	36
D00071956	2.71	5	0.18	0.07	21	0.44	198	5	0.004	27.5	0.108	14.5	0.025	1.3	1.7	1.7	10
D00071957	3.3	5	0.17	0.08	14	0.24	410	9	0.012	36.9	0.168	11	0.025	2.2	0.9	5	23
D00071958	4.36	4	0.28	0.08	18	0.56	953	17.5	0.021	83.3	0.173	23.8	0.07	3.3	3.3	6.3	47
D00071959	3.76	4	0.63	0.09	17	0.36	424	16.7	0.011	61.9	0.27	19.5	0.025	3.1	0.7	5.4	25
D00071960	3.91	4	0.29	0.09	19	0.43	534	11.5	0.022	43.5	0.2	15.2	0.07	3.4	2.8	7.8	47
D00071961	4.14	2	0.53	0.1	19	0.62	810	17.3	0.015	95.7	0.342	17	0.12	3.2	3.7	6.9	84
D00071962	4.73	5	0.06	0.07	9	0.38	112	1.8	0.008	15.5	0.129	26.6	0.025	1	1.9	0.6	13
D00071963	5.25	5	0.31	0.08	21	0.96	652	19.3	0.017	36.7	0.183	33.1	0.22	1.4	3.2	2.1	40
D00071964	4.44	5	0.08	0.06	29	0.92	436	1.4	0.004	39.5	0.176	25.2	0.025	0.7	2.2	0.9	10
D00071965	5.09	5	0.36	0.07	28	1.19	820	0.8	0.007	71.8	0.359	41.2	0.025	0.7	3.7	1.2	51
D00071969	4.34	5	0.53	0.07	35	1.08	552	6.3	0.005	55.3	0.192	23.5	0.025	0.9	2.9	1.6	39
D00071970	3.39	3	0.63	0.16	23	0.48	406	23.8	0.022	86.8	0.48	18.1	0.15	3.2	2.2	6.3	126
D00071971	3.58	2	0.83	0.1	16	0.44	532	19.1	0.005	93.9	0.183	19.4	0.07	4	2.9	6.8	72
D00071972	3.53	2	1.23	0.08	23	0.47	271	17	0.011	78.8	0.242	37.5	0.11	7.1	3.5	3.9	79
D00071973	2.75	2	0.34	0.08	23	0.48	271	12	0.003	66.1	0.213	13.4	0.025	3.4	2.7	4.3	54
D00071974	3.48	3	0.7	0.08	18	0.53	300	13.5	0.005	61	0.207	19.6	0.025	3.8	3.3	3.5	50
D00071975	3.49	3	0.93	0.08	19	0.43	364	16.7	0.007	70.2	0.263	26.8	0.06	5.2	3.3	4.2	67
D00071976	3.8	2	0.73	0.11	19	0.49	686	17.8	0.012	85.1	0.301	17.7	0.07	3.8	4.2	6.5	72

2019 Soil Data

Sample	Te_PPM_ICP	Th_PPM_ICP	Ti_PCT_ICP	Tl_PPM_ICP	U_PPM_ICP	V_PPM_ICP	W_PPM_ICP	Zn_PPM_ICP
2056440	0.1	2.4	0.005	0.4	2.1	22	0.05	266
2056441	0.3	2.3	0.003	0.3	2.5	19	0.05	347
2056442	0.3	0.7	0.005	0.3	0.7	39	0.05	188
2056443	0.2	1.8	0.009	0.7	1.5	38	0.05	318
2056444	0.1	2.5	0.003	0.4	5.1	23	0.05	244
2056445	0.1	3.7	0.004	0.2	3.8	37	0.05	157
2056446	0.1	5.9	0.004	0.2	2.3	24	0.05	153
2056447	0.1	8.3	0.002	0.2	1.5	13	0.05	147
2056448	0.1	8.8	0.032	0.2	2.3	30	0.05	189
2056449	0.1	2.2	0.067	0.1	4.5	52	0.1	170
2056450	0.1	2.3	0.01	0.1	1.4	38	0.05	107
D00069401	0.1	1.3	0.021	0.05	1.1	37	0.2	68
D00069402	0.1	0.6	0.006	0.1	1.1	38	0.05	74
D00069403	0.1	1.5	0.001	0.05	0.9	20	0.05	63
D00069404	0.1	2.8	0.0005	0.05	1.3	18	0.05	84
D00069405	0.1	2.8	0.002	0.05	1.2	24	0.05	89
D00069406	0.1	3	0.0005	0.05	1.5	20	0.05	90
D00069407	0.1	1.6	0.002	0.1	1.5	25	0.05	67
D00069408	0.1	3.9	0.0005	0.05	1	24	0.05	78
D00069409	0.1	4.2	0.004	0.2	1.9	26	0.05	107
D00069410	0.1	0.4	0.011	0.2	1	47	0.1	70
D00069411	0.1	1.5	0.077	0.2	1	120	0.1	102
D00069412	0.1	1	0.006	0.2	1	33	0.05	148
D00069413	0.1	0.2	0.005	0.1	1.1	33	0.05	72
D00069414	0.1	0.7	0.008	0.1	1	33	0.05	59
D00069415	0.1	1.2	0.008	0.05	3.2	26	0.1	68
D00069416	0.1	2.6	0.003	0.1	2	26	0.05	95
D00069426	0.1	4.4	0.003	0.2	1.8	26	0.05	102
D00069427	0.1	4.4	0.003	0.2	1.7	26	0.05	106
D00069428	0.1	2.3	0.011	0.2	1	37	0.05	64
D00069429	0.1	6.5	0.004	0.2	1	28	0.05	78
D00069430	0.1	4.5	0.002	0.5	1.2	28	0.05	66
D00069431	0.1	7.5	0.002	0.3	1.8	23	0.05	103
D00069432	0.1	4.5	0.005	0.3	1.8	28	0.05	161
D00069433	0.1	5.5	0.002	0.3	2	31	0.05	117
D00069434	0.1	3.8	0.002	0.6	2.1	28	0.05	218
D00069435	0.1	2.1	0.002	0.5	1.8	24	0.05	234
D00069436	0.1	1.3	0.003	0.4	2.1	24	0.05	234
D00069437	0.1	1.9	0.003	0.2	1.2	24	0.05	177
D00069438	0.1	4.6	0.003	0.6	2.5	31	0.05	297
D00069439	0.1	3.6	0.01	0.4	1.4	57	0.1	133
D00069440	0.3	1	0.009	0.3	0.7	40	0.05	139
D00069441	0.2	1.5	0.007	0.4	1.7	39	0.05	246
D00069442	0.1	1.3	0.012	0.3	1	43	0.05	134
D00069443	0.1	1.9	0.008	0.9	2.2	33	0.05	392
D00069444	0.1	6.9	0.006	0.2	1.9	41	0.05	185
D00069445	0.1	2.3	0.005	0.3	1.2	36	0.05	168
D00069446	0.1	2.7	0.009	0.3	1.7	40	0.05	241

2019 Soil Data

Sample	Te_PPM_ICP	Th_PPM_ICP	Ti_PCT_ICP	Tl_PPM_ICP	U_PPM_ICP	V_PPM_ICP	W_PPM_ICP	Zn_PPM_ICP
D00069447	0.1	7	0.011	0.4	2.1	45	0.05	287
D00069448	0.1	6.7	0.004	0.5	1.8	30	0.05	308
D00069449	0.1	2.2	0.04	0.1	3.5	88	0.2	212
D00069450	0.1	2.5	0.004	0.4	1.6	50	0.05	129
D00069451	0.1	2.2	0.005	0.4	1.5	29	0.05	189
D00069452	0.3	2.8	0.003	0.4	1.5	27	0.05	288
D00069453	0.1	4	0.002	1	1.3	24	0.05	201
D00069454	0.3	1.7	0.005	0.4	0.9	28	0.05	217
D00069455	0.1	2.8	0.013	0.4	1.2	48	0.1	114
D00069456	0.2	2.6	0.008	0.4	1	46	0.05	191
D00069457	0.1	5.1	0.016	0.3	0.7	65	0.1	51
D00069458	0.1	1.2	0.013	0.3	0.9	42	0.1	149
D00069459	0.1	11.3	0.002	0.4	1.4	29	0.05	170
D00069460	0.1	3.4	0.008	0.6	1.4	39	0.05	224
D00069461	0.1	1.6	0.022	0.4	0.8	51	0.1	118
D00069462	0.1	1.9	0.007	0.3	0.7	34	0.1	61
D00069463	0.1	1.5	0.005	0.1	0.7	20	0.05	75
D00069464	0.1	1.9	0.007	0.2	1.3	30	0.05	176
D00069465	0.1	2.6	0.013	0.1	1.6	36	0.05	259
D00069466	0.1	4	0.006	0.7	2.5	41	0.05	440
D00069467	0.1	4.9	0.003	0.2	3.2	25	0.05	232
D00069468	0.1	1.8	0.007	0.3	1.4	45	0.05	186
D00069469	0.1	1.1	0.006	0.2	1	32	0.05	202
D00069470	0.1	2.5	0.008	0.3	1.8	35	0.05	283
D00069471	0.2	2.6	0.003	1.1	2.5	26	0.05	373
D00069472	0.1	1.4	0.005	0.4	2.7	31	0.05	177
D00069473	0.1	2.8	0.003	0.2	3.1	25	0.05	189
D00069474	0.1	1.2	0.007	0.2	1.2	41	0.05	89
D00069475	0.1	3.3	0.005	0.1	1.4	39	0.05	134
D00069476	0.1	0.6	0.005	0.3	1.3	40	0.05	294
D00069477	0.1	1.5	0.004	0.2	1.3	29	0.05	165
D00069478	0.1	3.2	0.002	0.1	2.9	27	0.05	113
D00069479	0.1	1.7	0.003	0.05	2.1	23	0.05	69
D00069480	0.1	3	0.005	0.2	5	30	0.05	205
D00069481	0.1	2.7	0.005	0.2	3.7	37	0.05	194
D00069482	0.1	5.2	0.002	0.1	3.8	27	0.05	148
D00069483	0.1	4.3	0.002	0.4	2.9	30	0.05	403
D00069484	0.2	6.6	0.004	0.9	2.8	33	0.05	330
D00069485	0.1	1.6	0.006	0.3	2.3	33	0.05	228
D00069486	0.2	0.9	0.007	0.2	1	37	0.05	178
D00069487	0.3	3.6	0.002	0.6	1.8	29	0.05	291
D00069488	0.1	3.1	0.008	0.3	1	49	0.05	169
D00069489	0.1	1.8	0.009	0.3	1.2	46	0.05	151
D00069490	0.2	2	0.003	0.6	1.8	34	0.05	220
D00069491	0.1	3.3	0.002	0.6	2	28	0.05	242
D00069492	0.1	1.8	0.002	0.4	1.3	30	0.05	135
D00069493	0.1	3.2	0.002	0.5	2.3	41	0.05	221
D00069494	0.1	3.7	0.003	0.7	2.6	32	0.05	227

2019 Soil Data

Sample	Te_PPM_ICP	Th_PPM_ICP	Ti_PCT_ICP	Tl_PPM_ICP	U_PPM_ICP	V_PPM_ICP	W_PPM_ICP	Zn_PPM_ICP
D00069495	0.1	3.5	0.002	0.5	2.5	29	0.05	235
D00069496	0.1	6.1	0.009	0.3	1.1	38	0.05	77
D00069497	0.1	8.2	0.001	0.2	1.5	22	0.05	113
D00069498	0.1	6.2	0.008	0.4	3.5	32	0.05	146
D00069499	0.1	10.4	0.002	0.1	1.2	25	0.05	88
D00069500	0.1	5.4	0.003	0.2	1	32	0.05	87
D00070501	0.1	5.1	0.003	0.2	1.1	32	0.05	90
D00070701	0.2	5.1	0.002	0.7	1.7	55	0.05	253
D00070702	0.3	9	0.007	0.3	2.6	60	0.05	124
D00070703	0.2	5.7	0.003	0.5	1	67	0.05	260
D00070704	0.1	2.3	0.005	0.3	1.7	47	0.05	186
D00070705	0.1	0.6	0.005	0.2	0.9	51	0.05	153
D00070706	0.4	4.1	0.003	0.5	2.9	57	0.05	649
D00070707	0.2	4.6	0.003	0.5	3.3	48	0.05	380
D00070708	0.1	3.4	0.005	0.3	2.3	24	0.05	188
D00070709	0.1	1.9	0.023	0.1	1	52	0.1	78
D00070710	0.1	6.3	0.003	0.2	2.3	29	0.05	149
D00070711	0.1	5.5	0.001	0.2	1.9	24	0.05	90
D00070712	0.1	0.6	0.01	0.1	0.9	44	0.05	58
D00070713	0.2	1.2	0.009	0.5	1	49	0.1	180
D00070714	0.1	10.9	0.002	0.1	0.8	17	0.05	146
D00070715	0.1	3.7	0.003	0.2	1	18	0.05	123
D00070716	0.5	5.6	0.005	0.5	1	28	0.05	271
D00070717	0.3	1	0.009	0.5	1.2	42	0.05	293
D00070718	0.1	0.9	0.012	0.3	1.2	66	0.1	132
D00070719	0.3	2.4	0.002	0.1	1.4	27	0.05	335
D00070720	0.3	0.6	0.002	0.1	0.7	25	0.05	229
D00070721	0.3	1.1	0.014	1.4	1.4	83	0.05	81
D00070722	0.2	0.9	0.009	0.3	1	51	0.05	166
D00070723	0.1	0.7	0.005	0.4	0.8	45	0.05	129
D00070724	0.1	1.8	0.002	0.3	3.9	30	0.05	168
D00070725	0.2	2.9	0.002	0.6	1.6	24	0.05	318
D00070726	0.2	2.1	0.008	0.4	1.1	42	0.05	185
D00070727	0.1	5.7	0.002	0.6	1.7	42	0.05	293
D00070728	0.1	4.4	0.008	0.4	1.2	41	0.05	95
D00070729	0.1	3.9	0.013	0.2	1.2	48	0.2	81
D00070730	0.1	2.3	0.011	0.1	0.7	35	0.1	77
D00070731	0.1	2	0.013	0.05	0.7	36	0.1	76
D00070732	0.1	4.4	0.004	0.2	1	36	0.05	61
D00070733	0.1	6.8	0.002	0.1	0.9	29	0.05	104
D00070734	0.1	3.7	0.023	0.05	0.8	33	0.1	68
D00070951	0.1	3.6	0.009	0.3	1.6	29	0.05	179
D00070952	0.1	2.9	0.005	0.3	2.1	32	0.1	179
D00070953	0.1	3	0.002	0.3	2.8	31	0.05	190
D00070954	0.1	2.6	0.008	0.3	1.4	40	0.05	92
D00070955	0.1	2.5	0.007	0.3	1.4	40	0.2	92
D00070956	0.1	4.9	0.001	0.3	1.4	25	0.05	87
D00070957	0.1	3.8	0.004	0.2	4.3	29	0.05	236

2019 Soil Data

Sample	Te_PPM_ICP	Th_PPM_ICP	Ti_PCT_ICP	Tl_PPM_ICP	U_PPM_ICP	V_PPM_ICP	W_PPM_ICP	Zn_PPM_ICP
D00070958	0.1	3.2	0.005	0.2	3.3	27	0.05	139
D00071051	0.3	2.6	0.004	0.2	1	23	0.05	225
D00071052	0.2	2.4	0.003	0.6	1.6	19	0.05	239
D00071053	0.1	4.5	0.002	0.6	2.7	27	0.05	306
D00071054	0.1	3.7	0.002	0.4	2.3	31	0.05	242
D00071055	0.2	2.8	0.002	0.3	1.3	19	0.05	250
D00071056	0.1	2.4	0.003	0.4	1.6	29	0.05	179
D00071057	0.1	2.6	0.005	0.3	1.3	33	0.05	171
D00071058	0.1	3.4	0.006	0.3	2.7	32	0.05	277
D00071059	0.1	3.4	0.003	0.2	2.1	25	0.05	326
D00071060	0.1	2	0.005	0.2	4.9	28	0.1	166
D00071061	0.1	5.2	0.028	0.1	1	33	0.2	80
D00071062	0.1	1.1	0.006	0.1	2.6	22	0.05	82
D00071063	0.1	4.3	0.016	0.1	1.4	36	0.2	87
D00071064	0.1	2.5	0.003	0.4	1.4	25	0.05	181
D00071065	0.1	6.8	0.002	0.5	1.8	20	0.05	318
D00071066	0.1	3.5	0.003	0.8	2.2	41	0.05	407
D00071067	0.1	4.8	0.002	0.4	1.6	25	0.05	288
D00071068	0.1	1.2	0.007	0.6	2.1	58	0.05	236
D00071069	0.1	1.9	0.004	0.4	1.8	29	0.05	139
D00071070	0.1	5.6	0.02	0.1	1.2	28	0.1	83
D00071071	0.1	1.8	0.007	0.2	1.5	29	0.05	82
D00071072	0.1	0.5	0.008	0.1	0.8	29	0.1	45
D00071073	0.1	0.4	0.008	0.1	0.8	28	0.1	48
D00071074	0.1	4.2	0.003	0.2	4.1	26	0.05	282
D00071075	0.1	3.2	0.004	0.2	4.2	25	0.05	290
D00071501	0.1	7.4	0.003	0.4	2.2	34	0.05	129
D00071502	0.1	3.4	0.003	0.3	1.9	28	0.05	145
D00071503	0.1	3.8	0.003	0.4	2	29	0.05	235
D00071504	0.1	6.2	0.002	0.7	2.8	29	0.05	324
D00071505	0.1	6.8	0.002	0.8	2.2	25	0.05	200
D00071506	0.1	2.2	0.002	0.2	1.6	19	0.05	188
D00071507	0.1	1.7	0.002	0.3	1.4	23	0.05	200
D00071508	0.1	2.2	0.002	0.3	1.4	23	0.05	223
D00071509	0.3	3	0.003	0.5	1.2	22	0.05	250
D00071510	0.3	2.5	0.003	0.4	2.1	29	0.05	389
D00071511	0.1	1.8	0.011	0.2	1	31	0.05	145
D00071512	0.1	0.6	0.006	0.5	1	42	0.05	120
D00071513	0.3	1.3	0.007	0.2	0.9	28	0.05	169
D00071514	0.1	1.2	0.014	0.3	1.2	43	0.1	160
D00071515	0.1	3.9	0.002	0.1	8.5	20	0.05	122
D00071516	0.1	3.6	0.002	0.4	2.3	29	0.05	452
D00071517	0.1	1.3	0.004	0.5	1.4	31	0.05	279
D00071518	0.1	4.3	0.002	0.2	2.1	21	0.05	157
D00071519	0.1	1.9	0.03	0.2	1	75	0.05	117
D00071520	0.1	2	0.004	0.3	2.5	45	0.05	130
D00071521	0.1	1.7	0.004	0.3	2.7	44	0.05	125
D00071522	0.1	3.9	0.0005	0.05	0.9	22	0.05	105

2019 Soil Data

Sample	Te_PPM_ICP	Th_PPM_ICP	Ti_PCT_ICP	Tl_PPM_ICP	U_PPM_ICP	V_PPM_ICP	W_PPM_ICP	Zn_PPM_ICP
D00071523	0.1	0.8	0.002	0.05	0.7	36	0.05	91
D00071524	0.1	1.5	0.013	0.2	1.6	46	0.1	94
D00071525	0.1	1.3	0.008	0.1	1.6	40	0.05	105
D00071526	0.1	0.5	0.005	0.3	1.4	48	0.05	112
D00071527	0.1	1.1	0.007	0.1	1.3	44	0.05	79
D00071528	0.1	2.6	0.005	0.2	1.6	29	0.05	151
D00071529	0.3	0.7	0.005	0.6	1.3	51	0.05	247
D00071530	0.3	2.1	0.004	0.4	1.4	52	0.05	312
D00071531	0.1	4.1	0.016	0.2	0.8	56	0.2	79
D00071532	0.1	3.8	0.003	0.8	1.6	56	0.05	162
D00071533	0.1	3.7	0.011	0.3	1.1	54	0.05	156
D00071534	0.1	1.7	0.007	0.2	0.7	53	0.05	115
D00071535	0.1	2.2	0.011	0.5	1.9	75	0.1	76
D00071536	0.1	0.2	0.006	0.3	0.7	43	0.05	81
D00071537	0.1	3.4	0.003	0.4	2.4	33	0.05	219
D00071538	0.1	3	0.002	0.4	1.9	35	0.05	167
D00071539	0.2	4.5	0.006	1.3	2	27	0.05	345
D00071540	0.1	3.5	0.004	0.4	1.1	37	0.05	139
D00071541	0.1	3.9	0.004	0.4	2.5	32	0.05	139
D00071542	0.1	5.6	0.002	0.2	2.9	26	0.05	92
D00071543	0.1	4	0.004	0.2	0.5	50	0.05	66
D00071544	0.1	4.1	0.015	0.2	0.9	50	0.1	58
D00071545	0.1	4.4	0.017	0.1	1.2	34	0.1	80
D00071546	0.1	5.6	0.031	0.05	0.9	33	0.1	76
D00071547	0.1	3.1	0.01	0.3	2.6	32	0.05	1572
D00071548	0.1	3.6	0.002	0.4	1.8	29	0.05	215
D00071549	0.1	2.3	0.003	0.4	2.5	34	0.05	245
D00071550	0.1	3	0.004	0.4	2.5	35	0.05	177
D00071551	0.1	6.3	0.001	0.3	1.8	23	0.05	111
D00071552	0.1	7.1	0.002	0.6	2.1	31	0.05	289
D00071553	0.1	5.5	0.001	0.5	1.3	22	0.05	223
D00071554	0.1	5.3	0.002	0.5	1.2	32	0.05	237
D00071555	0.1	0.4	0.002	0.6	1.2	35	0.05	205
D00071556	0.1	2	0.004	0.6	1	33	0.05	200
D00071557	0.1	5.1	0.017	0.4	0.8	43	0.1	116
D00071558	0.1	0.5	0.004	0.6	0.6	33	0.05	140
D00071559	0.1	1.4	0.003	0.4	4.2	19	0.05	167
D00071560	0.1	1.6	0.011	0.2	0.5	50	0.05	102
D00071561	0.2	0.6	0.007	0.3	0.3	48	0.05	79
D00071562	0.1	3.6	0.005	0.5	1	49	0.05	188
D00071563	0.1	1.6	0.005	0.5	1.3	21	0.05	181
D00071564	0.1	0.4	0.006	0.3	0.9	28	0.05	134
D00071565	0.1	1.9	0.008	0.4	0.6	43	0.05	116
D00071566	0.1	2.6	0.003	0.5	1.3	33	0.05	250
D00071567	0.1	1.2	0.005	0.3	1.1	45	0.05	160
D00071568	0.1	2.5	0.002	0.3	2.1	25	0.05	232
D00071569	0.1	0.2	0.002	0.4	0.9	30	0.05	169
D00071570	0.1	3.3	0.002	0.4	1.1	27	0.05	223

2019 Soil Data

Sample	Te_PPM_ICP	Th_PPM_ICP	Ti_PCT_ICP	Tl_PPM_ICP	U_PPM_ICP	V_PPM_ICP	W_PPM_ICP	Zn_PPM_ICP
D00071571	0.1	0.05	0.001	0.5	1	37	0.05	130
D00071572	0.1	1.3	0.007	0.3	1.4	59	0.05	104
D00071573	0.1	1.5	0.008	0.2	1.3	57	0.05	101
D00071574	0.1	2.3	0.008	0.05	2	23	0.05	85
D00071575	0.1	4.4	0.009	0.2	5.4	31	0.05	186
D00071576	0.1	3.8	0.002	0.2	3.8	24	0.05	217
D00071577	0.1	6.1	0.003	0.1	0.9	22	0.05	133
D00071578	0.2	6.4	0.006	0.1	2.6	26	0.05	185
D00071579	0.1	1	0.011	0.3	4.2	45	0.05	163
D00071580	0.1	0.9	0.013	0.3	1.6	41	0.05	744
D00071581	0.1	1.8	0.008	0.2	1.8	36	0.05	280
D00071582	0.1	0.5	0.01	0.3	1.2	45	0.1	154
D00071583	0.1	1.8	0.007	0.4	2.4	46	0.05	324
D00071584	0.1	0.9	0.009	0.4	2.8	36	0.05	203
D00071585	0.1	0.2	0.003	0.4	1.1	37	0.05	117
D00071586	0.1	1.1	0.003	0.6	2	52	0.05	167
D00071587	0.1	2	0.003	0.5	2.4	29	0.05	240
D00071588	0.1	1.3	0.003	0.2	1.5	24	0.05	92
D00071589	0.1	0.2	0.007	0.2	0.7	42	0.1	71
D00071590	0.1	3.6	0.003	0.3	1.3	37	0.05	121
D00071591	0.1	2.9	0.002	0.2	1.3	25	0.05	86
D00071592	0.1	3.2	0.003	0.3	1	24	0.05	84
D00071593	0.1	4.5	0.004	0.2	0.6	34	0.05	56
D00071594	0.1	2.8	0.012	0.2	0.7	48	0.1	66
D00071595	0.1	2.6	0.004	0.2	1.3	28	0.05	71
D00071596	0.1	3	0.003	0.2	1.2	33	0.05	82
D00071597	0.1	4	0.008	0.2	1.1	33	0.05	85
D00071598	0.1	4.8	0.001	0.1	0.8	27	0.05	69
D00071599	0.1	3.5	0.002	0.2	1.6	19	0.05	88
D00071600	0.1	7.4	0.001	0.2	1.2	23	0.05	92
D00071611	0.1	1.9	0.002	0.4	1.5	26	0.05	202
D00071612	0.1	0.6	0.005	0.6	0.8	30	0.05	210
D00071613	0.1	2.1	0.01	0.5	1.5	37	0.1	194
D00071614	0.1	0.7	0.013	0.4	1.1	44	0.05	159
D00071615	0.1	0.8	0.008	0.6	1.6	35	0.05	264
D00071616	0.1	2.3	0.011	0.3	1.1	32	0.05	224
D00071617	0.3	1.6	0.012	0.5	1.1	33	0.05	164
D00071618	0.1	0.6	0.01	0.4	1.1	44	0.1	145
D00071619	0.1	2.5	0.009	0.4	0.9	41	0.05	147
D00071620	0.1	2.2	0.007	0.6	1	33	0.05	200
D00071621	0.2	2.3	0.007	0.5	1	33	0.05	217
D00071622	0.3	2.8	0.003	0.6	1.9	29	0.05	261
D00071623	0.3	3.1	0.004	0.3	1.8	30	0.05	307
D00071624	0.3	4.3	0.004	0.8	2.7	24	0.05	359
D00071625	0.3	4.7	0.003	0.5	1.9	36	0.05	315
D00071626	0.1	7.4	0.003	0.2	1.6	48	0.05	198
D00071627	0.1	5.8	0.003	0.4	1.9	52	0.05	202
D00071628	0.1	5.6	0.039	0.2	2.2	61	0.1	205

2019 Soil Data

Sample	Te_PPM_ICP	Th_PPM_ICP	Ti_PCT_ICP	Tl_PPM_ICP	U_PPM_ICP	V_PPM_ICP	W_PPM_ICP	Zn_PPM_ICP
D00071629	0.1	9.1	0.009	0.6	2.6	50	0.05	375
D00071630	0.1	7.8	0.006	0.4	2.1	35	0.05	315
D00071631	0.1	9	0.004	0.2	1.8	29	0.05	149
D00071632	0.1	9.2	0.004	0.2	1.8	28	0.05	146
D00071633	0.2	1.3	0.01	0.4	1.4	38	0.05	225
D00071634	0.1	0.4	0.007	0.3	1.2	44	0.05	111
D00071635	0.1	4.8	0.005	0.1	0.9	31	0.05	81
D00071636	0.1	5.9	0.005	0.2	0.9	41	0.05	44
D00071637	0.1	6.2	0.005	0.4	2.7	30	0.05	245
D00071638	0.1	4.5	0.005	0.4	1.5	30	0.05	128
D00071639	0.1	4.5	0.005	0.4	1.4	35	0.05	155
D00071640	0.1	5.6	0.012	0.4	1.8	34	0.05	215
D00071641	0.1	3.5	0.003	0.5	5.3	39	0.05	208
D00071642	0.1	3.6	0.003	0.5	3.3	27	0.05	242
D00071643	0.1	3.4	0.003	0.6	2.5	27	0.05	210
D00071644	0.3	1.8	0.004	0.3	2	26	0.05	206
D00071645	0.2	2	0.005	0.4	1.2	37	0.05	215
D00071646	0.3	0.1	0.002	0.7	1	31	0.05	195
D00071647	0.3	0.8	0.005	0.2	0.7	26	0.05	217
D00071648	0.2	2.2	0.004	1	5.6	29	0.05	399
D00071649	0.1	0.9	0.008	0.2	1	38	0.05	161
D00071650	0.1	8	0.001	0.2	1.2	15	0.05	102
D00071662	0.1	4.8	0.002	0.6	1.9	31	0.05	303
D00071663	0.2	2	0.002	0.4	1.8	21	0.05	279
D00071664	0.1	5.2	0.002	0.6	2.1	29	0.05	251
D00071665	0.3	1.9	0.005	0.5	1.5	34	0.05	224
D00071666	0.1	3.6	0.002	0.4	1.2	32	0.05	162
D00071667	0.2	3.5	0.002	0.8	2	38	0.05	345
D00071668	0.1	4.1	0.002	0.7	2.2	30	0.05	278
D00071669	0.1	1.1	0.002	0.5	2.6	39	0.05	139
D00071670	0.1	1.8	0.001	0.3	1.7	24	0.05	86
D00071671	0.1	4.5	0.004	0.3	1.5	28	0.05	108
D00071672	0.1	8.2	0.001	0.2	1.9	22	0.05	125
D00071673	0.1	6.5	0.0005	0.1	0.9	29	0.05	80
D00071674	0.1	7	0.002	0.3	1.6	28	0.05	96
D00071675	0.1	9.9	0.001	0.1	1.4	18	0.05	122
D00071676	0.1	11	0.001	0.2	0.8	24	0.05	131
D00071677	0.1	5.3	0.005	0.8	4.1	55	0.05	187
D00071678	0.1	3.4	0.004	0.8	5.2	37	0.05	228
D00071679	0.1	4.8	0.002	0.8	1.7	23	0.05	273
D00071680	0.1	7.3	0.001	0.5	1.2	19	0.05	235
D00071681	0.1	2.2	0.003	1.2	1.7	24	0.05	171
D00071682	0.1	7.5	0.002	1.2	3.2	27	0.05	438
D00071683	0.2	4.6	0.002	0.7	1.5	27	0.05	206
D00071684	0.3	4.2	0.002	1.2	2.1	37	0.05	340
D00071685	0.1	2.7	0.009	0.6	1.2	25	0.05	221
D00071686	0.1	1.2	0.014	0.4	0.9	37	0.3	135
D00071687	0.1	2.8	0.019	0.2	0.8	47	0.2	76

2019 Soil Data

Sample	Te_PPM_ICP	Th_PPM_ICP	Ti_PCT_ICP	Tl_PPM_ICP	U_PPM_ICP	V_PPM_ICP	W_PPM_ICP	Zn_PPM_ICP
D00071688	0.1	1.7	0.006	0.6	0.9	43	0.05	155
D00071689	0.1	0.7	0.023	0.3	1.1	57	0.2	87
D00071690	0.1	0.4	0.017	0.2	1.1	52	0.2	76
D00071691	0.1	3.2	0.02	0.2	0.7	37	0.2	65
D00071692	0.1	3.3	0.02	0.2	0.7	37	0.1	66
D00071693	0.1	1.3	0.012	0.3	0.6	49	0.1	73
D00071694	0.2	1.4	0.003	0.6	1.1	28	0.05	278
D00071695	0.1	1.5	0.003	0.6	0.9	38	0.05	205
D00071696	0.1	3.1	0.004	0.3	7.7	26	0.05	258
D00071697	0.1	1.7	0.007	0.4	2.4	40	0.05	480
D00071698	0.1	2.6	0.01	0.1	1.5	37	0.05	105
D00071699	0.1	7.3	0.002	0.1	1.2	21	0.05	101
D00071737	0.1	0.2	0.0005	0.4	1	22	0.05	104
D00071738	0.2	2.2	0.004	0.5	1	28	0.05	197
D00071739	0.1	4.3	0.002	0.8	1.7	28	0.05	223
D00071740	0.2	2.1	0.003	1.4	2.2	26	0.05	222
D00071741	0.1	4	0.003	0.6	1.6	29	0.05	199
D00071742	0.1	3.6	0.002	0.4	2	27	0.05	152
D00071743	0.1	3.3	0.002	0.4	2	29	0.05	169
D00071744	0.1	3.1	0.002	0.6	1.6	32	0.05	173
D00071745	0.1	4.7	0.002	0.4	3.5	28	0.05	263
D00071746	0.1	8.6	0.002	0.6	2.9	23	0.05	114
D00071747	0.1	7.2	0.0005	0.3	0.9	25	0.05	89
D00071748	0.1	7.4	0.0005	0.3	0.8	15	0.05	84
D00071749	0.1	7.5	0.001	0.05	0.7	18	0.05	78
D00071750	0.1	6.2	0.005	0.3	1.2	31	0.05	99
D00071751	0.1	0.7	0.004	0.3	0.8	36	0.05	64
D00071751	0.1	4.5	0.003	1.2	2	29	0.05	247
D00071752	0.1	2.2	0.002	0.5	1.4	38	0.05	148
D00071752	0.1	6	0.002	0.7	1.7	23	0.05	315
D00071753	0.1	3	0.002	0.3	1.5	28	0.05	175
D00071753	0.1	3.8	0.01	0.4	1.1	30	0.05	159
D00071754	0.1	2.6	0.002	0.5	1.3	31	0.05	192
D00071754	0.5	4.9	0.007	0.3	1	30	0.05	125
D00071755	0.1	2.4	0.003	0.5	1.1	22	0.05	262
D00071755	0.1	0.9	0.013	0.5	1.1	35	0.1	176
D00071756	0.3	2.4	0.005	0.3	0.9	29	0.05	175
D00071756	0.1	3.8	0.006	0.7	1.2	25	0.05	223
D00071757	0.1	2	0.002	0.6	1.2	27	0.05	174
D00071757	0.1	3.4	0.01	0.3	0.6	77	0.05	174
D00071758	0.4	1.5	0.005	0.2	0.7	28	0.05	209
D00071758	0.2	0.5	0.01	0.5	1.2	36	0.05	181
D00071759	0.1	4.8	0.003	0.7	1.8	30	0.05	208
D00071759	0.1	4.4	0.025	0.1	0.6	45	0.2	72
D00071760	0.1	1.6	0.004	0.8	1.3	29	0.05	193
D00071760	0.1	1.2	0.03	0.2	0.7	65	0.2	68
D00071761	0.1	2.8	0.008	0.2	0.5	48	0.05	94
D00071761	0.1	0.9	0.01	0.4	1	43	0.05	159

2019 Soil Data

Sample	Te_PPM_ICP	Th_PPM_ICP	Ti_PCT_ICP	Tl_PPM_ICP	U_PPM_ICP	V_PPM_ICP	W_PPM_ICP	Zn_PPM_ICP
D00071762	0.1	3	0.008	0.3	0.8	54	0.1	62
D00071762	0.1	3.1	0.002	0.4	1	24	0.05	293
D00071764	0.1	1.4	0.017	0.3	1	35	0.05	150
D00071764	0.1	6.5	0.001	0.5	0.9	26	0.05	204
D00071765	0.1	4.3	0.003	0.4	6	33	0.05	264
D00071765	0.1	2.6	0.016	0.2	0.6	54	0.1	109
D00071766	0.1	2.9	0.008	0.4	1.2	28	0.05	165
D00071766	0.2	1.3	0.014	0.4	0.7	39	0.1	146
D00071767	0.1	2	0.02	0.2	1.2	36	0.05	112
D00071767	0.3	3	0.002	0.6	1.4	33	0.05	368
D00071768	0.1	0.5	0.008	0.5	1.7	52	0.1	232
D00071768	0.2	7.1	0.17	2.6	3.1	126	0.2	65
D00071769	0.1	7.5	0.002	0.2	2.8	18	0.05	185
D00071769	0.1	1.7	0.068	0.1	0.6	89	0.2	98
D00071770	0.1	3	0.005	0.2	2.7	71	0.05	168
D00071770	0.1	1.7	0.069	0.1	0.6	95	0.2	92
D00071771	0.1	2.5	0.004	0.2	2.2	62	0.05	148
D00071771	0.1	3.9	0.0005	0.1	2	16	0.05	121
D00071772	0.1	7.1	0.0005	0.2	0.9	22	0.05	87
D00071772	0.1	2.3	0.0005	0.05	1.1	29	0.05	93
D00071773	0.1	2.7	0.001	0.1	0.5	32	0.05	115
D00071773	0.1	3.2	0.019	0.2	1.6	50	0.1	85
D00071774	0.1	8.3	0.002	0.5	3.7	39	0.05	125
D00071774	0.1	7	0.003	0.7	3.1	31	0.05	486
D00071775	0.1	4.8	0.002	0.2	1.6	20	0.05	81
D00071775	0.1	1.5	0.005	0.4	1.2	49	0.05	192
D00071776	0.1	2.8	0.0005	0.1	1	13	0.05	65
D00071776	0.1	0.7	0.004	0.5	1.3	47	0.05	193
D00071777	0.1	6.1	0.002	0.7	3.2	62	0.05	271
D00071777	0.2	1.4	0.003	0.4	1.4	37	0.05	224
D00071778	0.1	5.4	0.001	0.9	1.7	29	0.05	187
D00071778	0.1	0.8	0.005	0.5	1.4	36	0.05	171
D00071779	0.1	3.2	0.001	0.8	2.2	22	0.05	222
D00071779	0.1	3.1	0.005	0.8	2.3	50	0.05	280
D00071780	0.1	2.8	0.002	0.5	1.9	25	0.05	235
D00071780	0.1	1.7	0.01	0.2	1.1	47	0.1	68
D00071781	0.3	2.3	0.003	0.3	0.9	22	0.05	239
D00071781	0.1	5	0.005	0.2	1.8	34	0.05	89
D00071782	0.2	0.8	0.006	0.3	1.5	40	0.05	131
D00071782	0.1	6	0.003	0.4	2	29	0.05	116
D00071783	0.3	1.6	0.009	0.5	1.1	51	0.05	168
D00071783	0.1	2.3	0.003	0.9	2.8	47	0.05	253
D00071784	0.2	6.1	0.003	1	1.5	24	0.05	265
D00071784	0.1	3.3	0.002	0.7	1.8	27	0.05	315
D00071785	0.2	0.5	0.005	0.5	1.2	47	0.05	201
D00071785	0.1	5.5	0.001	0.6	1.9	26	0.05	284
D00071786	0.1	0.4	0.006	0.3	1	57	0.05	125
D00071786	0.1	4.3	0.004	0.3	1.4	28	0.05	90

2019 Soil Data

Sample	Te_PPM_ICP	Th_PPM_ICP	Ti_PCT_ICP	Tl_PPM_ICP	U_PPM_ICP	V_PPM_ICP	W_PPM_ICP	Zn_PPM_ICP
D00071787	0.1	6	0.003	0.6	2.1	30	0.05	363
D00071787	0.1	5.1	0.001	0.4	1.3	23	0.05	90
D00071788	0.2	2.4	0.004	0.4	1.5	35	0.05	256
D00071788	0.1	3.4	0.001	0.4	2.8	27	0.05	259
D00071789	0.1	1	0.006	0.5	1	46	0.05	131
D00071789	0.1	0.8	0.005	0.7	1.5	42	0.05	157
D00071790	0.1	9.5	0.002	0.7	2.5	27	0.05	425
D00071790	0.1	1.1	0.004	0.4	1.8	37	0.05	163
D00071791	0.1	5.2	0.005	0.5	3.2	55	0.05	286
D00071791	0.1	0.4	0.007	0.3	0.9	41	0.1	104
D00071792	0.1	2.8	0.004	0.2	1.9	30	0.05	134
D00071792	0.1	7.6	0.001	0.2	1.2	19	0.05	98
D00071793	0.1	3.4	0.008	0.2	1.2	36	0.05	102
D00071793	0.1	4	0.003	0.1	0.9	20	0.05	78
D00071794	0.1	4	0.0005	0.1	1.2	31	0.05	185
D00071794	0.1	8.5	0.002	0.3	1.9	24	0.05	107
D00071795	0.1	4.3	0.0005	0.1	1.2	32	0.05	181
D00071795	0.1	0.3	0.001	0.5	3	22	0.05	87
D00071796	0.1	6.9	0.002	0.2	1	20	0.05	117
D00071796	0.1	3.1	0.002	0.7	3	35	0.05	318
D00071797	0.1	7.9	0.0005	0.2	1.8	20	0.05	117
D00071797	0.1	3.5	0.001	0.6	1.4	26	0.05	265
D00071798	0.1	4.3	0.001	0.3	2.2	28	0.05	145
D00071798	0.1	6.9	0.002	0.6	1.8	27	0.05	251
D00071799	0.1	4	0.002	0.3	1.6	21	0.05	245
D00071799	0.1	1.3	0.002	0.3	1	29	0.05	122
D00071800	0.1	3	0.002	0.5	2	25	0.05	266
D00071800	0.3	1.4	0.004	0.2	0.9	26	0.05	211
D00071801	0.1	4.1	0.006	0.2	1.1	37	0.05	71
D00071802	0.1	4.8	0.005	0.3	1.3	32	0.05	101
D00071803	0.1	6.8	0.002	0.3	1.1	24	0.05	108
D00071804	0.1	3.2	0.002	0.9	1.9	24	0.05	353
D00071805	0.1	6.8	0.002	0.6	2.2	28	0.05	324
D00071806	0.1	2.2	0.001	0.6	1.7	38	0.05	123
D00071807	0.1	2.4	0.001	0.4	1.5	25	0.05	145
D00071808	0.3	3.4	0.003	0.6	1.2	28	0.05	238
D00071809	0.3	1.7	0.002	0.4	1.2	34	0.05	189
D00071810	0.1	3.5	0.004	0.05	1	40	0.05	166
D00071811	0.1	0.4	0.006	0.3	0.6	49	0.05	140
D00071812	0.1	0.4	0.006	0.4	1	38	0.05	184
D00071813	0.1	2.9	0.022	0.2	0.8	53	0.2	70
D00071814	0.3	4.9	0.056	1.1	1.4	50	0.1	180
D00071815	0.3	2.1	0.009	0.5	1.7	37	0.05	263
D00071816	0.3	4.5	0.005	0.4	2.5	46	0.05	252
D00071817	0.2	4.7	0.002	0.7	2.3	28	0.05	354
D00071818	0.1	1.5	0.004	0.5	2.9	48	0.05	380
D00071819	0.1	1.1	0.003	0.4	3.2	53	0.05	228
D00071820	0.1	6.2	0.002	0.2	1	15	0.05	136

2019 Soil Data

Sample	Te_PPM_ICP	Th_PPM_ICP	Ti_PCT_ICP	Tl_PPM_ICP	U_PPM_ICP	V_PPM_ICP	W_PPM_ICP	Zn_PPM_ICP
D00071821	0.1	2.5	0.004	0.1	0.9	35	0.05	108
D00071822	0.1	3	0.005	0.1	1	36	0.05	112
D00071823	0.1	5.9	0.002	0.3	1.5	22	0.05	142
D00071824	0.1	6.2	0.002	0.3	2.6	19	0.05	135
D00071825	0.1	6.4	0.001	0.3	2.1	21	0.05	133
D00071826	0.1	6	0.002	0.7	2.6	26	0.05	426
D00071827	0.1	4.2	0.002	1	1.8	39	0.05	545
D00071828	0.1	8.5	0.002	0.6	1.3	26	0.05	274
D00071829	0.1	3.4	0.01	0.5	0.9	44	0.1	143
D00071830	0.1	2.2	0.015	0.4	0.7	50	0.1	110
D00071831	0.1	1.5	0.009	0.5	0.9	28	0.05	151
D00071832	0.1	0.7	0.009	0.3	1.1	48	0.05	98
D00071833	0.1	0.5	0.002	0.4	0.7	24	0.05	97
D00071834	0.1	2.5	0.005	0.5	0.9	40	0.05	204
D00071835	0.1	0.3	0.003	0.2	0.7	32	0.05	189
D00071836	0.4	1.1	0.006	0.3	0.8	59	0.05	199
D00071837	0.1	3.5	0.004	0.6	1.5	18	0.05	231
D00071838	0.1	4.9	0.002	0.4	1.5	27	0.05	298
D00071839	0.1	5.1	0.001	0.6	1.3	19	0.05	309
D00071840	0.1	2.4	0.002	0.6	1.3	23	0.05	259
D00071841	0.1	5.1	0.001	0.7	1.4	24	0.05	201
D00071842	0.1	1.5	0.003	0.5	1.3	28	0.05	197
D00071843	0.2	5.1	0.002	1	1.6	21	0.05	476
D00071844	0.1	1.2	0.003	0.6	1.5	31	0.05	211
D00071845	0.1	1.2	0.006	0.4	1.9	40	0.05	228
D00071846	0.1	1.2	0.006	0.4	1.9	42	0.05	217
D00071847	0.3	2.4	0.002	1.8	1.7	21	0.05	241
D00071848	0.2	0.7	0.008	0.5	1.1	58	0.05	72
D00071849	0.1	1.2	0.006	0.5	1.3	44	0.05	202
D00071850	0.2	4.2	0.002	0.9	1.5	21	0.05	107
D00071851	0.1	5	0.012	0.2	1.1	32	0.1	117
D00071852	0.1	5	0.005	0.4	1.4	29	0.05	232
D00071853	0.1	3.4	0.006	0.2	1.4	25	0.05	132
D00071854	0.1	4.9	0.002	0.3	2.1	25	0.05	135
D00071855	0.1	2.1	0.002	0.3	2.9	27	0.05	149
D00071856	0.1	2.4	0.002	0.3	2.5	20	0.05	130
D00071857	0.1	2.6	0.002	0.8	5.7	45	0.05	289
D00071858	0.3	2.7	0.003	0.7	1.7	23	0.05	255
D00071859	0.2	3.4	0.002	0.7	1.7	28	0.05	280
D00071860	0.2	2.4	0.004	0.8	1.4	29	0.05	293
D00071861	0.2	2.7	0.002	0.1	1.3	32	0.05	176
D00071862	0.4	1	0.004	0.3	1	42	0.05	142
D00071863	0.4	3.9	0.001	0.4	1.2	26	0.05	264
D00071864	0.1	0.7	0.008	0.4	0.9	62	0.1	97
D00071865	0.1	1	0.02	0.3	1	69	0.2	93
D00071866	0.1	2.9	0.003	0.7	1.6	31	0.05	210
D00071867	0.1	1.2	0.012	0.2	0.9	51	0.1	78
D00071868	0.1	2.1	0.003	0.6	1.4	39	0.05	333

2019 Soil Data

Sample	Te_PPM_ICP	Th_PPM_ICP	Ti_PCT_ICP	Tl_PPM_ICP	U_PPM_ICP	V_PPM_ICP	W_PPM_ICP	Zn_PPM_ICP
D00071869	0.1	3.8	0.003	0.5	3.4	46	0.05	280
D00071870	0.1	7.3	0.004	0.2	2.1	41	0.05	173
D00071871	0.1	7.9	0.028	0.4	1.7	22	0.05	170
D00071872	0.2	4.7	0.006	0.4	2.1	32	0.05	293
D00071873	0.1	10	0.0005	0.2	1.5	27	0.05	297
D00071874	0.1	10.3	0.0005	0.2	1.4	26	0.05	298
D00071875	0.1	3.6	0.013	0.2	0.9	46	0.1	74
D00071876	0.1	6	0.016	0.3	1.2	49	0.1	86
D00071877	0.1	7.5	0.003	0.4	1.6	32	0.05	114
D00071878	0.1	5	0.001	0.3	1.5	27	0.05	247
D00071879	0.1	3.3	0.001	0.7	1.2	24	0.05	211
D00071880	0.1	3	0.001	0.4	1.9	21	0.05	235
D00071881	0.1	7	0.0005	0.8	2.1	21	0.05	353
D00071882	0.1	1.7	0.003	0.5	0.9	36	0.05	194
D00071883	0.1	3.5	0.0005	0.5	1.1	31	0.05	206
D00071884	0.1	8.6	0.0005	0.6	1.7	30	0.05	254
D00071885	0.1	6.3	0.002	0.6	1	33	0.05	194
D00071886	0.2	1.4	0.003	0.4	0.7	33	0.05	156
D00071887	0.2	3.6	0.003	0.5	1	34	0.05	194
D00071888	0.3	3.3	0.003	0.5	1.1	35	0.05	287
D00071889	0.1	4	0.006	0.5	1	42	0.05	173
D00071890	0.1	2.1	0.002	0.5	0.9	34	0.05	217
D00071891	0.1	5.3	0.003	0.5	1.2	36	0.05	252
D00071892	0.1	5.1	0.007	0.3	1.2	37	0.05	163
D00071893	0.1	1.2	0.006	0.3	0.9	40	0.05	113
D00071894	0.1	3.5	0.003	0.5	1.3	38	0.05	170
D00071895	0.1	2.7	0.007	0.4	0.9	33	0.05	124
D00071896	0.1	2.1	0.005	0.4	3	41	0.05	121
D00071897	0.1	5	0.021	0.2	1.2	40	0.05	335
D00071898	0.1	4.4	0.018	0.2	1.2	40	0.2	333
D00071899	0.2	3.4	0.002	0.4	2.3	53	0.05	224
D00071900	0.1	1.3	0.01	0.1	1.8	40	0.1	88
D00071901	0.3	2.9	0.003	0.4	4	66	0.05	464
D00071902	0.1	4.2	0.002	0.6	1.4	34	0.05	195
D00071903	0.1	0.7	0.009	0.5	3.1	78	0.1	209
D00071904	0.1	2.8	0.003	1.8	3.6	40	0.05	2141
D00071905	0.1	1.3	0.002	0.2	0.9	34	0.05	97
D00071906	0.1	4.3	0.0005	0.2	2	28	0.05	109
D00071907	0.1	6.2	0.003	0.3	2.1	35	0.05	242
D00071908	0.1	7.2	0.002	0.7	2.7	20	0.05	357
D00071909	0.2	3.6	0.007	1.1	1.7	72	0.05	84
D00071910	0.1	4.6	0.003	0.3	3.9	40	0.05	373
D00071911	0.3	2.7	0.006	0.5	2.2	32	0.05	390
D00071912	0.3	3.7	0.002	0.3	1.6	26	0.05	274
D00071913	0.2	2.7	0.002	0.5	1.7	39	0.05	239
D00071914	0.1	2.9	0.007	0.5	1.2	52	0.05	141
D00071915	0.1	2.6	0.006	0.5	1.1	53	0.05	130
D00071916	0.1	2.7	0.004	0.3	1.7	47	0.05	118

2019 Soil Data

Sample	Te_PPM_ICP	Th_PPM_ICP	Ti_PCT_ICP	Tl_PPM_ICP	U_PPM_ICP	V_PPM_ICP	W_PPM_ICP	Zn_PPM_ICP
D00071917	0.1	5.9	0.008	0.2	1.5	38	0.05	142
D00071918	0.1	6.9	0.005	0.2	1.2	23	0.05	150
D00071919	0.1	2.1	0.006	0.2	1	22	0.05	131
D00071920	0.1	2.6	0.005	0.3	2.4	26	0.05	138
D00071921	0.1	4.7	0.003	0.3	1.9	28	0.05	183
D00071922	0.1	4.9	0.003	0.5	3.1	35	0.05	190
D00071923	0.1	3.9	0.002	0.5	1.9	35	0.05	210
D00071924	0.1	4.3	0.002	0.7	3.1	31	0.05	267
D00071925	0.5	3.4	0.003	0.7	1	22	0.05	202
D00071926	0.3	2.1	0.003	0.2	1.1	25	0.05	199
D00071927	0.1	3.8	0.005	0.3	1.4	40	0.05	218
D00071928	0.3	0.9	0.004	0.3	1	25	0.05	187
D00071929	0.3	0.3	0.003	0.3	0.6	30	0.05	163
D00071930	0.2	1.4	0.004	0.7	0.9	35	0.05	209
D00071931	0.1	3.1	0.009	0.2	1.8	40	0.05	145
D00071931	0.1	4.4	0.007	0.5	0.9	56	0.05	111
D00071932	0.1	1.2	0.007	0.2	1.1	52	0.05	75
D00071932	0.2	3.2	0.015	0.3	1.7	40	0.1	113
D00071933	0.1	0.6	0.003	0.5	1.1	28	0.05	184
D00071933	0.1	0.4	0.011	0.2	0.6	51	0.1	87
D00071934	0.1	0.6	0.01	0.3	0.9	41	0.05	164
D00071934	0.1	0.3	0.008	0.2	0.9	39	0.05	144
D00071935	0.1	0.9	0.003	0.5	1	34	0.05	164
D00071935	0.1	2.7	0.003	0.2	1.8	36	0.05	163
D00071936	0.1	5.4	0.003	0.8	1.5	24	0.05	358
D00071936	0.1	8.9	0.001	0.1	1.6	19	0.05	124
D00071937	0.1	0.8	0.018	0.3	0.6	69	0.1	50
D00071937	0.1	3.9	0.031	0.8	3.3	163	0.2	357
D00071938	0.1	1.3	0.004	0.4	1.1	38	0.05	209
D00071938	0.1	1.7	0.004	0.4	1	32	0.05	263
D00071939	0.4	5	0.002	0.7	2.3	48	0.05	600
D00071939	0.1	11.1	0.002	0.1	1.2	20	0.05	132
D00071940	0.3	1.7	0.004	0.5	0.9	30	0.05	290
D00071940	0.1	11.2	0.001	0.1	1.2	20	0.05	130
D00071941	0.1	0.8	0.004	0.05	0.9	29	0.05	79
D00071941	0.1	0.7	0.006	0.4	0.8	38	0.05	135
D00071942	0.1	2	0.006	0.2	1.6	37	0.05	81
D00071942	0.1	0.5	0.002	0.6	0.9	28	0.05	171
D00071943	0.1	1	0.008	0.3	1.2	40	0.05	118
D00071943	0.1	3.3	0.001	0.5	2	33	0.05	239
D00071944	0.1	2.2	0.005	0.2	1.6	34	0.05	141
D00071944	0.1	2.9	0.001	0.5	3	39	0.05	226
D00071945	0.2	2.5	0.003	0.5	1.4	33	0.05	303
D00071945	0.1	2.8	0.001	0.5	2.8	42	0.05	178
D00071946	0.1	1.6	0.003	0.4	1	36	0.05	148
D00071946	0.3	6	0.002	0.1	1	26	0.05	124
D00071947	0.1	2.2	0.002	0.8	1.8	59	0.05	158
D00071947	0.1	2.1	0.002	0.3	1.3	26	0.05	182

2019 Soil Data

Sample	Te_PPM_ICP	Th_PPM_ICP	Ti_PCT_ICP	Tl_PPM_ICP	U_PPM_ICP	V_PPM_ICP	W_PPM_ICP	Zn_PPM_ICP
D00071948	0.3	2.2	0.002	0.5	2.1	39	0.05	385
D00071948	0.2	2.4	0.002	0.9	1.6	34	0.05	250
D00071949	0.2	1.1	0.003	0.4	0.8	49	0.05	156
D00071949	0.1	3.2	0.001	0.7	1.5	28	0.05	221
D00071950	0.1	0.9	0.003	0.7	1.6	47	0.05	191
D00071950	0.1	3.2	0.001	0.4	1.5	26	0.05	203
D00071951	0.1	2.3	0.008	0.3	1.6	56	0.1	167
D00071952	0.1	4.7	0.003	0.2	1	22	0.05	99
D00071953	0.1	1.4	0.004	0.6	5.6	42	0.05	363
D00071954	0.1	1.8	0.003	0.6	1.3	35	0.05	204
D00071955	0.1	2.3	0.004	0.8	1.7	31	0.05	315
D00071956	0.1	1.3	0.009	0.4	1	40	0.1	106
D00071957	0.1	0.4	0.009	0.3	0.9	45	0.1	146
D00071958	0.3	2.9	0.006	0.5	1.4	41	0.05	236
D00071959	0.1	0.5	0.003	0.5	1.1	31	0.05	213
D00071960	0.1	2.1	0.013	0.5	1.7	52	0.05	149
D00071961	0.3	5.7	0.003	0.5	1.5	21	0.05	239
D00071962	0.1	5.7	0.001	0.2	0.6	23	0.05	54
D00071963	0.1	8	0.0005	0.7	3.2	22	0.05	106
D00071964	0.1	8.2	0.001	0.2	1	21	0.05	101
D00071965	0.1	10	0.001	0.1	2.4	26	0.05	146
D00071969	0.1	9.7	0.0005	0.4	2.9	26	0.05	134
D00071970	0.1	2.6	0.002	1	4.5	58	0.05	297
D00071971	0.1	5.3	0.001	0.6	3.2	27	0.05	275
D00071972	0.1	7.1	0.002	0.7	2.1	26	0.05	265
D00071973	0.1	6.2	0.001	0.4	1.5	24	0.05	228
D00071974	0.1	3	0.001	0.5	1.6	29	0.05	205
D00071975	0.1	3.6	0.001	0.5	1.3	26	0.05	255
D00071976	0.2	3.7	0.003	0.5	1.3	24	0.05	245