

PH Layer
<2 mm fraction
INAA

North American Soil Geochemistry Landscapes Project
Summary Statistics - Soil Geochemistry Data

Variable	Ag	As	Au	Ba	Br	Cd	Ce	Cr	Cs	Eu	Fe	Hf	Ir	La	Lu	Na	Ni	Rb	Sb
Unit	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	%	ppm	ppm	ppm
Min. Detection Limit	2	0.5	2	50	0.5	5	5	20	0.5	1	0.2	1	50	2	0.2	0.02	10	5	0.1
Sample Preparation	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled
Dissolution	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instrumentation	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
Number of Samples	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167
Values < Det. Lim.	167	0	135	4	0	167	12	40	10	131	0	14	167	4	38	0	110	3	0
Arithmetic Mean	<2	5.9	2	268	12.5	<5	38	41	2.6	<1	1.6	6	<50	20	0.3	0.53	10	50	0.8
Median	<2	4.7	<2	250	7.9	<5	36	34	2.1	<1	1.2	6	<50	19	0.3	0.48	5	44	0.7
Variance	0	20.3	7	42639	157.1	0	396	1065	4.3	0	1.6	9	0	85	0.0	0.09	99	951	0.1
Standard Deviation	0	4.5	3	206	12.5	0	20	33	2.1	0	1.3	3	0	9	0.1	0.30	10	31	0.4
Skewness	-	1.8	10	7	3.0	-	1	3	2.2	3	1.3	0	-	0	0.5	0.50	2	1	1.9
Kurtosis	-	4.0	110	69	13.1	-	1	13	7.2	7	1.8	1	-	0	1.3	-0.32	7	4	6.0
Minimum Value	<2	0.9	<2	25	1.3	<5	<5	<20	<0.5	<1	0.2	<1	<50	<2	<0.2	0.07	<10	<5	0.2
5th Percentile	<2	1.4	<2	79	2.5	<5	<5	<20	<0.5	<1	0.3	<1	<50	3	<0.2	0.12	<10	10	0.3
10th Percentile	<2	1.6	<2	126	3.4	<5	12	<20	0.8	<1	0.4	2	<50	7	<0.2	0.18	<10	14	0.4
15th Percentile	<2	2.1	<2	150	4.4	<5	17	<20	0.9	<1	0.5	3	<50	10	<0.2	0.22	<10	20	0.5
25th Percentile	<2	2.9	<2	180	5.3	<5	26	21	1.3	<1	0.7	4	<50	13	0.2	0.29	<10	27	0.6
35th Percentile	<2	3.5	<2	210	6.4	<5	31	27	1.6	<1	0.9	5	<50	16	0.3	0.35	<10	36	0.6
50th Percentile	<2	4.7	<2	250	7.9	<5	36	34	2.1	<1	1.2	6	<50	19	0.3	0.48	<10	44	0.7
65th Percentile	<2	6.0	<2	280	11.0	<5	44	43	2.8	<1	1.8	7	<50	23	0.4	0.65	<10	57	0.8
70th Percentile	<2	6.7	<2	292	12.0	<5	47	48	3.1	<1	2.0	7	<50	24	0.4	0.70	11	63	0.9
75th Percentile	<2	7.5	<2	310	14.0	<5	49	54	3.4	<1	2.3	7	<50	25	0.4	0.77	14	71	0.9
80th Percentile	<2	8.7	<2	330	18.0	<5	53	60	3.7	1	2.5	8	<50	28	0.4	0.82	16	74	1.0
90th Percentile	<2	11.0	3	394	26.4	<5	60	75	4.7	1	3.6	10	<50	30	0.5	0.93	22	87	1.1
95th Percentile	<2	15.0	4	463	36.0	<5	69	92	6.4	2	4.2	10	<50	35	0.5	1.00	30	105	1.3
98th Percentile	<2	18.0	5	611	46.4	<5	82	107	8.0	2	4.7	12	<50	40	0.6	1.20	44	117	1.8
99th Percentile	<2	23.0	8	804	59.0	<5	86	157	10.3	2	5.0	13	<50	42	0.7	1.23	50	120	2.1
Maximum Value	<2	25.0	33	2400	95.6	<5	120	250	14.0	2	7.2	18	<50	44	0.9	1.50	59	220	2.5

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Variable	Sc	Se	Sm	Sn	Ta	Tb	Te	Th	Ti	U	W	Wt	Yb	Zn	Zr
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	ppm	ppm	ppm
Min. Detection Limit	0.2	5	0.1	100	0.5	0.5	10	0.2	500	0.2	1	-	2	100	200
Sample Preparation	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled
Dissolution	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instrumentation	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
Number of Samples	167.0	167	167	167	167	167	167	167	167	167	167	167.0	167	167	167
Values < Det. Lim.	0.0	167	0	167	25	105	166	2	8	3	81	0.0	91	151	123
Arithmetic Mean	6.1	<5	2.9	<100	1.0	0.4	<10	5.0	3770	1.5	1	7.6	<2	<100	<200
Median	5.8	<5	2.7	<100	1.0	0.3	<10	5.2	3900	1.5	1	8.2	<2	<100	<200
Variance	12.9	0	2.0	0	0.3	0.0	0	5.5	2743014	0.5	4	8.6	1	819	14210
Standard Deviation	3.6	0	1.4	0	0.5	0.2	1	2.3	1656	0.7	2	2.9	1	29	119
Skewness	1.1	-	0.5	-	1.5	1.2	13	0.0	0	0.0	11	-0.4	1	4	2
Kurtosis	2.5	-	0.5	-	6.7	0.6	167	0.0	0	-0.1	134	-0.7	0	16	1
Minimum Value	0.5	<5	0.2	<100	<0.5	<0.5	<10	<0.2	<500	<0.2	<1	1.2	<2	<100	<200
5th Percentile	1.1	<5	0.6	<100	<0.5	<0.5	<10	0.7	551	0.3	<1	2.2	<2	<100	<200
10th Percentile	2.1	<5	0.9	<100	<0.5	<0.5	<10	1.5	1460	0.6	<1	2.8	<2	<100	<200
15th Percentile	2.7	<5	1.3	<100	0.5	<0.5	<10	2.3	2080	0.8	<1	3.4	<2	<100	<200
25th Percentile	3.5	<5	2.0	<100	0.6	<0.5	<10	3.6	2850	1.2	<1	5.6	<2	<100	<200
35th Percentile	4.4	<5	2.3	<100	0.8	<0.5	<10	4.2	3300	1.3	1	6.7	<2	<100	<200
50th Percentile	5.8	<5	2.7	<100	1.0	<0.5	<10	5.2	3900	1.5	1	8.2	<2	<100	<200
65th Percentile	7.0	<5	3.3	<100	1.1	0.5	<10	5.9	4500	1.8	1	9.2	2	<100	<200
70th Percentile	7.3	<5	3.5	<100	1.2	0.6	<10	6.2	4600	1.9	1	9.4	2	<100	<200
75th Percentile	7.9	<5	3.8	<100	1.3	0.6	<10	6.6	4900	2.0	1	9.7	3	<100	265
80th Percentile	8.9	<5	4.0	<100	1.3	0.6	<10	6.8	5100	2.1	1	10.2	3	<100	298
90th Percentile	11.0	<5	4.5	<100	1.5	0.7	<10	7.8	5600	2.4	2	11.0	3	<100	370
95th Percentile	13.0	<5	5.1	<100	1.8	0.8	<10	8.4	6000	2.6	2	11.6	3	120	400
98th Percentile	13.0	<5	6.6	<100	2.0	0.9	<10	10.0	7000	3.0	3	12.4	4	150	454
99th Percentile	17.0	<5	6.8	<100	2.9	1.0	<10	10.3	7670	3.1	3	13.0	4	194	483
Maximum Value	22.4	<5	7.4	<100	4.1	1.2	12	12.0	8200	3.4	24	13.4	5	230	650

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Variable		Ag	As	Au	Ba	Br	Cd	Ce	Cr	Cs	Eu	Fe	Hf	Ir	La	Lu	Na	Ni	Rb	Sb
Unit		ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	%	ppm	ppm	ppm
Min. Detection Limit		2	0.5	2	50	0.5	5	5	20	0.5	1	0.2	1	50	2	0.2	0.02	10	5	0.1
Sample Preparation		milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled
Dissolution		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instrumentation		INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
1	NB071001	<2	1.5	2	80	7.5	<5	<5	<20	<0.5	<1	0.3	<1	<50	3	<0.2	0.12	<10	8	0.2
2	NB071002	<2	1.6	<2	120	12.0	<5	33	24	1.0	<1	0.6	5	<50	14	0.3	0.12	11	13	0.8
3	NB071003	<2	4.3	<2	150	1.3	<5	30	31	1.4	<1	1.0	10	<50	14	0.4	0.20	<10	28	0.6
4	NB071004	<2	3.1	<2	320	10.0	<5	36	29	3.7	1	0.9	6	<50	19	0.2	1.20	<10	83	0.9
5	NB071005	<2	7.1	<2	280	7.3	<5	31	33	3.4	<1	1.3	5	<50	20	0.3	0.68	<10	75	0.9
6	NB071007																			
7	NB071009	<2	6.7	<2	140	3.2	<5	49	41	1.5	1	1.6	9	<50	25	0.4	0.23	<10	33	1.0
8	NB071010	<2	11.0	<2	230	5.3	<5	48	82	3.9	2	2.0	6	<50	24	0.3	0.47	27	70	2.0
9	NB071011	<2	1.6	<2	63	11.0	<5	<5	<20	<0.5	<1	0.2	<1	<50	3	<0.2	0.07	<10	9	0.9
10	NB071012	<2	5.2	<2	220	7.0	<5	43	32	2.0	1	0.9	6	<50	21	0.3	0.82	<10	43	0.7
11	NB071013	<2	1.5	<2	92	2.0	<5	28	23	0.8	<1	0.3	5	<50	13	0.3	0.16	<10	26	0.6
12	NB071014	<2	2.3	<2	120	4.7	<5	23	<20	0.8	<1	0.4	4	<50	11	<0.2	0.17	<10	19	0.7
13	NB071015	<2	3.1	<2	170	4.6	<5	34	35	1.1	1	0.6	6	<50	18	0.3	0.70	<10	37	0.5
14	NB071016	<2	4.2	<2	330	2.0	<5	68	42	2.5	1	1.1	10	<50	35	0.4	0.77	<10	51	0.7
15	NB071017	<2	13.0	<2	240	6.9	<5	62	68	2.6	<1	3.3	8	<50	33	0.3	0.73	<10	59	0.8
16	NB071018	<2	7.1	<2	890	19.0	<5	95	58	4.5	2	3.8	5	<50	37	0.5	0.27	31	93	1.0
17	NB071019	<2	9.3	2	290	4.4	<5	54	63	3.5	<1	4.3	8	<50	28	0.5	0.22	14	75	1.2
18	NB071020	<2	5.8	<2	210	4.7	<5	44	32	1.7	<1	1.2	6	<50	22	0.3	0.43	<10	46	0.8
19	NB071021	<2	9.2	<2	200	7.7	<5	37	40	3.6	<1	2.1	6	<50	21	0.4	0.61	12	74	0.8
20	NB071022	<2	4.2	<4	76	34.0	<5	<5	<20	<0.5	1	0.6	2	<50	5	<0.2	0.34	<21	13	1.0
21	NB071023	<2	13.0	<2	240	19.0	<5	47	48	3.8	<1	2.6	6	<50	21	0.4	1.00	22	56	1.0
22	NB071024	<2	11.0	3	250	7.0	<5	46	51	2.9	<1	1.8	6	<50	24	<0.2	0.84	20	72	1.0
23	NB071025	<2	17.0	<2	170	13.0	<5	35	29	1.7	<1	1.6	14	<50	18	0.4	0.55	<10	33	0.8
24	NB071027	<2	10.0	<2	310	8.6	<5	70	110	3.9	2	4.4	7	<50	31	0.4	1.00	48	88	0.7
25	NB071028	<2	8.1	<2	350	4.6	<5	54	83	4.9	1	2.8	8	<50	30	0.3	0.77	18	83	0.9
26	NB071029	<2	11.0	<2	280	6.0	<5	53	99	4.3	<1	3.7	6	<50	27	0.3	0.83	25	91	0.8
27	NB071030	<2	4.8	<2	250	17.0	<5	47	67	2.8	<1	1.7	4	<50	25	0.2	0.62	24	76	1.2
28	NB071031	<2	11.0	4	140	5.4	<5	35	43	1.2	<1	0.8	5	<50	17	<0.2	0.34	<10	27	1.1
29	NB071032	<2	3.9	<2	300	6.8	<5	44	34	1.2	<1	0.8	5	<50	21	0.3	0.89	13	39	0.9
30	NB071033	<2	4.3	<2	160	18.0	<5	26	<20	0.9	<1	0.7	2	<50	12	0.3	0.15	11	12	0.5
31	NB071034	<2	1.9	<2	240	2.4	<5	29	25	1.0	<1	0.7	6	<50	16	0.3	0.30	<10	21	0.6
32	NB071035	<2	6.8	<2	190	5.3	<5	39	<20	1.7	<1	1.0	6	<50	18	0.4	0.54	<10	36	0.6

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Variable		Sc	Se	Sm	Sn	Ta	Tb	Te	Th	Ti	U	W	Wt	Yb	Zn	Zr
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	ppm	ppm	ppm
Min. Detection Limit		0.2	5	0.1	100	0.5	0.5	10	0.2	500	0.2	1	-	2	100	200
Sample Preparation		milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled
Dissolution		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instrumentation		INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
1	NB071001	0.6	<5	0.4	<100	<0.5	<0.5	<10	0.9	600	0.5	<1	3.38	<2	<100	<200
2	NB071002	3.5	<5	2.0	<100	0.7	<0.5	<10	3.6	2600	1.1	<1	6.07	<2	<100	<200
3	NB071003	5.3	<5	2.7	<100	1.9	0.6	<10	6.0	5200	2.3	1	11.22	3	<100	410
4	NB071004	4.6	<5	2.9	<100	1.7	<0.5	<10	5.6	3200	2.1	<1	11.79	<2	<100	330
5	NB071005	5.8	<5	2.6	<100	1.0	<0.5	<10	5.6	3500	1.6	1	8.13	2	<100	<200
6	NB071007															
7	NB071009	5.6	<5	3.5	<100	1.3	0.7	<10	6.1	5600	1.8	1	9.35	3	<100	370
8	NB071010	11.0	<5	3.4	<100	1.2	0.6	<10	6.4	5900	2.0	1	8.5	2	<100	<200
9	NB071011	0.8	<5	0.5	<100	<0.5	<0.5	<10	0.6	530	<0.2	<1	2.65	<2	<100	<200
10	NB071012	4.0	<5	3.0	<100	0.8	<0.5	<10	5.3	2700	1.3	1	8.28	<2	<100	<200
11	NB071013	2.8	<5	2.0	<100	1.2	<0.5	<10	3.6	3500	1.2	<1	6.54	<2	<100	<200
12	NB071014	2.7	<5	1.5	<100	0.5	<0.5	<10	2.4	2600	0.9	<1	9.13	<2	<100	<200
13	NB071015	4.4	<5	2.5	<100	0.8	<0.5	<10	4.4	3400	1.4	1	7.53	<2	<100	250
14	NB071016	6.6	<5	5.3	<100	1.0	0.9	<10	10.0	5400	2.1	1	9.54	3	<100	<200
15	NB071017	10.0	<5	4.3	<100	1.2	0.7	<10	7.0	5300	1.9	<1	8.65	3	<100	<200
16	NB071018	13.0	<5	7.4	<100	0.9	1.0	<10	6.8	4400	2.6	1	7.21	3	<100	<200
17	NB071019	11.0	<5	4.1	<100	1.6	0.9	<10	7.2	5800	2.1	<1	10.25	4	<100	<200
18	NB071020	6.0	<5	3.2	<100	1.1	<0.5	<10	5.6	4100	1.6	<1	10.68	2	<100	<200
19	NB071021	6.0	<5	3.0	<100	1.3	0.7	<10	8.0	4000	2.9	2	9.41	3	<100	<200
20	NB071022	2.2	<5	0.8	<100	<0.5	<0.5	<10	1.6	1600	0.6	<1	2.74	<2	<100	480
21	NB071023	7.0	<5	3.4	<100	1.0	0.6	<10	6.3	3500	1.5	2	9.54	2	<100	<200
22	NB071024	6.5	<5	4.0	<100	0.8	0.6	<10	5.8	4100	1.8	1	6.65	<2	<100	<200
23	NB071025	3.2	<5	2.6	<100	1.6	<0.5	<10	6.7	3900	2.2	2	8.49	3	<100	390
24	NB071027	12.0	<5	4.6	<100	1.0	0.8	<10	7.7	4900	2.0	1	9.72	3	120	<200
25	NB071028	8.9	<5	3.9	<100	0.9	<0.5	<10	7.3	5500	2.0	<1	9.49	2	<100	<200
26	NB071029	10.0	<5	3.5	<100	0.9	<0.5	<10	7.0	4900	1.8	1	8.47	<2	<100	360
27	NB071030	9.3	<5	4.1	<100	0.6	0.7	<10	4.7	3300	1.9	2	7.92	2	<100	<200
28	NB071031	4.8	<5	2.1	<100	0.9	<0.5	<10	4.0	3300	1.1	<1	4.88	<2	<100	<200
29	NB071032	4.1	<5	2.8	<100	1.0	<0.5	<10	5.5	2700	1.4	1	5.46	<2	<100	<200
30	NB071033	3.3	<5	2.0	<100	0.6	<0.5	<10	2.6	1800	1.2	<1	5.1	<2	<100	<200
31	NB071034	3.2	<5	2.3	<100	1.3	0.6	<10	3.9	3900	1.3	<1	10.97	<2	<100	300
32	NB071035	4.5	<5	2.4	<100	0.9	<0.5	<10	4.1	3400	1.4	1	10.11	2	<100	<200

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Variable		Ag	As	Au	Ba	Br	Cd	Ce	Cr	Cs	Eu	Fe	Hf	Ir	La	Lu	Na	Ni	Rb	Sb
Unit		ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	%	ppm	ppm	ppm
Min. Detection Limit		2	0.5	2	50	0.5	5	5	20	0.5	1	0.2	1	50	2	0.2	0.02	10	5	0.1
Sample Preparation		milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled
Dissolution		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instrumentation		INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
33	NB071036	<2	7.9	<2	230	13.0	<5	34	29	3.3	<1	1.5	5	<50	18	0.3	0.51	<10	59	1.0
34	NB071037																			
35	NB071038	<2	10.0	<2	230	6.4	<5	55	52	3.9	<1	2.3	10	<50	28	0.5	0.42	13	62	1.0
36	NB071039	<2	4.9	<2	150	10.0	<5	40	34	2.8	1	1.6	10	<50	23	0.4	0.19	<10	50	0.7
37	NB071040	<2	1.8	<2	190	2.4	<5	34	32	2.2	<1	1.3	8	<50	16	0.4	0.84	<10	81	0.6
38	NB071041	<2	2.5	<2	<50	27.0	<5	<11	<20	<0.5	<1	0.4	<1	<50	3	<0.2	0.12	<10	<5	1.0
39	NB071042	<2	2.2	6	73	24.0	<5	<5	<20	<0.5	<1	0.3	<1	<50	3	<0.2	1.50	<10	<5	0.9
40	NB071043	<2	6.1	<2	420	7.8	<5	33	37	2.9	<1	2.5	8	<50	19	0.4	0.84	13	62	0.6
41	NB071044	<2	4.2	3	330	22.0	<5	29	21	2.7	<1	1.9	4	<50	15	0.3	1.00	<10	59	0.9
42	NB071045	<2	1.3	<2	270	2.9	<5	38	<20	1.6	<1	0.2	5	<50	18	<0.2	0.82	<10	49	0.9
43	NB071046	<2	7.7	<2	330	11.0	<5	48	41	3.9	<1	2.3	7	<50	25	0.4	0.84	15	83	0.6
44	NB071047	<2	5.4	<2	210	18.0	<5	11	28	1.6	<1	2.0	5	<50	6	0.2	0.86	<10	28	0.5
45	NB071048	<2	4.7	<2	170	5.8	<5	31	22	1.6	<1	0.8	7	<50	17	0.4	0.25	<10	27	0.6
46	NB071049	<2	3.0	<2	270	11.0	<5	30	<20	1.4	<1	0.5	6	<50	17	0.3	0.26	<10	29	0.7
47	NB071050	<2	8.7	<2	300	5.1	<5	57	77	5.7	1	2.3	10	<50	29	0.4	0.52	22	55	1.0
48	NB071051	<2	5.3	<2	170	9.1	<5	46	45	8.0	<1	1.4	5	<50	25	0.3	0.45	17	64	0.9
49	NB071052	<2	3.2	<2	280	3.2	<5	48	59	2.0	<1	1.8	6	<50	25	<0.2	0.77	<10	54	0.3
50	NB071054	<2	15.0	<2	250	6.3	<5	57	64	6.5	<1	2.7	8	<50	30	0.4	0.61	13	110	2.5
51	NB071055	<2	1.6	4	120	95.6	<5	13	250	0.6	<1	4.0	3	<50	5	<0.2	0.41	39	13	0.2
52	NB071056	<2	2.9	2	74	37.0	<5	7	75	1.4	<1	1.6	<1	<50	5	<0.2	0.29	13	12	0.8
53	NB072001	<2	3.1	<2	190	3.4	<5	34	27	0.9	<1	0.4	7	<50	18	0.3	0.30	<10	28	0.8
54	NB072002	<2	4.8	<2	360	3.6	<5	35	30	2.1	<1	0.9	7	<50	20	0.5	1.10	<10	44	1.1
55	NB072003	<2	18.0	<2	290	6.9	<5	59	87	3.1	1	4.3	6	<50	30	0.5	0.83	18	81	2.3
56	NB072004	<2	7.1	3	220	2.0	<5	44	31	1.6	1	1.8	7	<50	22	0.5	0.86	<10	40	1.7
57	NB072005	<2	8.3	<2	150	11.0	<5	13	20	1.0	<1	0.8	3	<50	10	<0.2	0.19	17	16	1.1
58	NB072006	<2	25.0	<2	280	10.0	<5	41	53	3.6	<1	3.6	6	<50	20	0.4	0.82	15	85	1.2
59	NB072007	<2	3.5	<2	340	8.7	<5	35	83	2.5	<1	2.3	3	<50	20	<0.2	0.58	59	67	0.5
60	NB072009																			
61	NB072010	<2	9.4	<2	290	9.1	<5	34	64	1.7	<1	3.0	6	<50	19	0.3	0.78	18	44	1.4
62	NB072011	<2	2.3	2	130	6.2	<5	19	36	0.8	<1	0.8	5	<50	10	0.3	0.25	<10	18	1.2
63	NB072012	<2	4.7	<2	210	5.4	<5	20	<20	2.0	<1	0.7	10	<50	11	0.8	0.78	<10	38	0.9
64	NB072013	<2	2.2	2	250	10.0	<5	12	<20	0.7	<1	0.5	1	<50	6	<0.2	0.25	<10	23	0.7
65	NB072014	<2	3.5	<2	200	6.4	<5	44	45	2.2	<1	1.2	6	<50	24	0.3	0.34	17	37	0.8

PH layer
<2 mm fraction
INAA

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Variable		Sc	Se	Sm	Sn	Ta	Tb	Te	Th	Ti	U	W	Wt	Yb	Zn	Zr
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	ppm	ppm	ppm
Min. Detection Limit		0.2	5	0.1	100	0.5	0.5	10	0.2	500	0.2	1	-	2	100	200
Sample Preparation		milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled
Dissolution		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instrumentation		INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
33	NB071036	6.0	<5	2.5	<100	1.1	<0.5	<10	4.7	3800	1.5	1	7.41	2	<100	400
34	NB071037															
35	NB071038	7.3	<5	4.3	<100	1.8	0.6	<10	7.8	5100	2.1	2	9.38	3	<100	260
36	NB071039	4.9	<5	2.9	<100	1.3	0.5	<10	5.8	4600	2.1	1	12.91	3	<100	290
37	NB071040	6.0	<5	2.8	<100	3.0	<0.5	<10	7.1	5800	2.3	1	9.2	2	<100	<200
38	NB071041	1.0	<5	0.4	<100	<0.5	<0.5	<10	0.6	<500	0.4	<1	2	<2	<100	<200
39	NB071042	0.8	<5	0.3	<100	<0.5	<0.5	<10	0.6	<500	0.3	<1	2.06	<2	<100	<200
40	NB071043	7.2	<5	2.7	<100	1.1	<0.5	<10	6.2	4400	1.8	1	10.52	2	<100	340
41	NB071044	8.2	<5	2.3	<100	<0.5	<0.5	<10	4.2	4100	1.9	<1	7.61	2	<100	<200
42	NB071045	2.0	<5	2.2	<100	0.6	<0.5	<10	5.5	1800	1.4	<1	8.2	<2	<100	<200
43	NB071046	7.4	<5	3.5	<100	1.6	0.6	<10	6.8	4800	2.1	2	11.63	2	<100	<200
44	NB071047	5.9	<5	0.9	<100	1.0	<0.5	<10	1.8	5100	0.7	<1	8.26	<2	<100	<200
45	NB071048	4.1	<5	2.4	<100	1.2	<0.5	<10	4.2	4100	1.5	<1	9.18	2	<100	300
46	NB071049	3.5	<5	2.6	<100	1.0	<0.5	<10	3.9	3300	1.5	<1	10.39	<2	<100	270
47	NB071050	7.3	<5	4.0	<100	1.1	0.6	<10	7.2	5300	2.0	2	10.19	3	<100	300
48	NB071051	7.0	<5	3.3	<100	1.2	0.5	<10	5.5	3400	1.3	1	6.66	<2	<100	400
49	NB071052	7.2	<5	3.3	<100	1.0	<0.5	<10	5.8	3600	1.5	<1	5.86	<2	<100	<200
50	NB071054	9.1	<5	4.5	<100	1.3	0.6	<10	8.3	4900	2.4	2	9.83	3	<100	<200
51	NB071055	13.0	<5	0.9	<100	0.5	<0.5	<10	1.4	5600	0.6	<1	5.57	<2	<100	<200
52	NB071056	6.1	<5	0.9	<100	<0.5	<0.5	<10	1.4	2100	0.5	<1	2.84	<2	<100	<200
53	NB072001	3.3	<5	2.6	<100	1.2	<0.5	<10	4.3	3800	1.5	1	10.53	2	<100	<200
54	NB072002	6.7	<5	3.3	<100	1.6	0.6	<10	5.6	4600	1.9	1	8.65	3	<100	370
55	NB072003	13.0	<5	4.6	<100	1.8	0.6	<10	7.8	7500	2.4	2	8.3	3	<100	<200
56	NB072004	9.1	<5	3.8	<100	1.3	0.7	<10	6.2	6700	1.9	3	7.96	3	<100	<200
57	NB072005	3.4	<5	1.2	<100	0.5	<0.5	<10	2.3	3100	0.9	<1	2.79	<2	<100	<200
58	NB072006	7.6	<5	2.7	<100	1.5	<0.5	<10	8.4	4700	2.5	1	8.76	2	150	<200
59	NB072007	7.3	<5	2.4	<100	0.7	<0.5	<10	4.5	3100	1.4	<1	2.85	<2	<100	<200
60	NB072009															
61	NB072010	6.9	<5	2.4	<100	1.3	<0.5	<10	5.1	6000	1.6	<1	7.56	<2	150	<200
62	NB072011	3.1	<5	1.3	<100	0.9	<0.5	<10	3.4	3600	1.3	<1	4.93	<2	<100	<200
63	NB072012	2.8	<5	2.2	<100	4.1	0.6	<10	3.2	2500	1.6	2	6.64	5	<100	350
64	NB072013	1.7	<5	0.9	<100	<0.5	<0.5	<10	1.5	910	0.6	<1	3.42	<2	<100	<200
65	NB072014	7.6	<5	3.3	<100	1.4	0.5	<10	5.8	5200	1.4	1	6.86	<2	<100	<200

PH layer
<2 mm fraction
INAA

North American Soil Geochemistry Landscapes Project
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Variable		Ag	As	Au	Ba	Br	Cd	Ce	Cr	Cs	Eu	Fe	Hf	Ir	La	Lu	Na	Ni	Rb	Sb
Unit		ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	%	ppm	ppm	ppm
Min. Detection Limit		2	0.5	2	50	0.5	5	5	20	0.5	1	0.2	1	50	2	0.2	0.02	10	5	0.1
Sample Preparation		milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled
Dissolution		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instrumentation		INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
66	NB072015	<2	3.6	<2	320	11.0	<5	29	210	2.4	<1	5.3	4	<50	13	<0.2	0.65	37	35	0.4
67	NB072016	<2	2.9	2	350	4.5	<5	23	56	2.0	<1	1.2	3	<50	14	<0.2	0.27	16	38	0.6
68	NB072017	<2	2.3	2	150	7.5	<5	12	26	0.8	<1	0.3	1	<50	4	<0.2	0.13	<10	10	1.2
69	NB072018																			
70	NB072019	<2	1.2	<2	79	7.1	<5	<5	<20	<0.5	<1	0.2	<1	<50	<2	<0.2	0.07	<10	<5	0.6
71	NB072020	<2	3.1	<2	300	3.4	<5	10	98	2.5	<1	1.2	7	<50	10	0.3	0.68	17	44	0.7
72	NB072021	<2	1.8	<2	110	2.3	<5	15	<20	0.5	<1	0.2	3	<50	9	0.2	0.14	<10	17	0.5
73	NB072022	<2	2.7	5	250	14.0	<5	28	<20	3.4	<1	1.1	3	<50	17	0.2	0.26	<10	81	0.6
74	NB072023	<2	2.4	<2	160	29.0	<5	12	<20	1.1	<1	0.5	2	<50	9	<0.2	0.28	<10	25	0.6
75	NB072024	<2	5.3	<2	240	6.2	<5	29	35	1.0	<1	1.0	5	<50	15	0.2	0.34	<10	30	1.1
76	NB072026	<2	3.8	<2	180	7.1	<5	30	<20	1.2	<1	0.9	4	<50	17	0.3	0.34	<10	22	0.6
77	NB072027	<2	1.4	<2	230	13.0	<5	12	<20	<0.5	<1	0.3	3	<50	7	<0.2	0.22	<10	9	0.6
78	NB072028	<2	2.4	<2	300	7.7	<5	24	<20	0.9	<1	0.4	3	<50	14	<0.2	0.29	<10	24	0.9
79	NB072029	<2	3.0	<2	250	5.9	<5	19	<20	0.9	<1	0.6	4	<50	12	<0.2	0.22	<10	27	0.8
80	NB072030	<2	1.5	<2	170	1.4	<5	26	<20	1.4	<1	0.5	5	<50	13	0.3	0.45	<10	44	0.4
81	NB072031	<2	3.5	<2	88	8.0	<5	<5	<20	<0.5	<1	0.3	<1	<50	<2	<0.2	0.08	<10	7	0.6
82	NB072032	<2	1.8	<2	270	2.6	<5	33	27	1.3	<1	0.5	6	<50	18	0.3	0.40	<10	35	0.6
83	NB072033	<2	2.9	<2	120	7.3	<5	22	<20	1.5	<1	1.0	3	<50	12	0.3	0.27	<10	43	0.4
84	NB072034																			
85	NB072035	<2	1.5	<2	160	6.7	<5	11	<20	0.9	<1	0.4	<1	<50	7	<0.2	0.15	<10	10	0.4
86	NB072036	<2	7.8	<2	390	5.7	<5	58	100	4.6	<1	3.8	5	<50	30	0.3	0.75	55	110	0.5
87	NB072037	<2	15.0	<2	410	4.4	<5	49	130	4.0	1	2.3	9	<50	28	0.3	0.94	17	71	1.7
88	NB072038	<2	3.7	<2	150	5.5	<5	40	56	1.7	<1	0.6	4	<50	22	0.3	0.33	<10	24	0.6
89	NB072039	<2	4.5	3	220	4.0	<5	55	73	2.5	1	1.0	6	<50	30	0.4	0.49	<10	45	0.9
90	NB072040	<2	2.0	<2	160	6.4	<5	23	39	1.6	<1	0.5	2	<50	13	<0.2	0.24	<10	30	0.8
91	NB072041	<2	1.0	3	310	4.6	<5	36	91	1.3	<1	0.4	7	<50	19	0.2	0.51	<10	24	0.7
92	NB072042	<2	4.6	<2	200	3.4	<5	49	52	2.1	<1	1.1	8	<50	26	0.3	0.67	<10	44	0.7
93	NB072043	<2	5.8	<2	320	9.3	<5	55	63	3.0	<1	2.0	7	<50	28	0.3	0.83	22	95	0.5
94	NB072044	<2	3.2	<2	150	10.0	<5	25	<20	1.5	<1	1.0	4	<50	13	0.3	0.49	<10	43	0.4
95	NB072045	<2	0.9	<2	150	3.5	<5	25	22	0.9	<1	0.4	6	<50	15	0.2	0.39	<10	26	0.4
96	NB072046	<2	1.8	<2	310	24.0	<5	18	<20	0.6	<1	0.7	<1	<50	9	<0.2	0.12	12	15	0.5
97	NB072047	<2	1.4	<2	150	2.2	<5	26	<20	1.2	<1	0.3	6	<50	15	0.3	0.23	<10	22	0.5
98	NB072048	<2	3.6	5	190	9.3	<5	<5	<20	0.8	<1	0.3	2	<50	9	<0.2	0.21	<10	22	0.8

PH layer
<2 mm fraction
INAA

North American Soil Geochemistry Landscapes Project
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Variable		Sc	Se	Sm	Sn	Ta	Tb	Te	Th	Ti	U	W	Wt	Yb	Zn	Zr
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	ppm	ppm	ppm
Min. Detection Limit		0.2	5	0.1	100	0.5	0.5	10	0.2	500	0.2	1	-	2	100	200
Sample Preparation		milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled
Dissolution		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instrumentation		INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
66	NB072015	10.0	<5	1.8	<100	0.8	<0.5	<10	3.3	8000	1.0	<1	8.2	<2	<100	<200
67	NB072016	6.2	<5	1.7	<100	<0.5	<0.5	<10	3.7	3000	1.3	<1	7.45	<2	<100	<200
68	NB072017	2.1	<5	0.7	<100	<0.5	<0.5	<10	1.4	1400	0.4	<1	2.83	<2	<100	<200
69	NB072018															
70	NB072019	0.5	<5	0.2	<100	<0.5	<0.5	<10	0.3	<500	<0.2	<1	1.31	<2	120	<200
71	NB072020	13.0	<5	1.5	<100	1.5	<0.5	<10	4.9	7000	2.3	1	3.69	3	<100	<200
72	NB072021	1.3	<5	1.3	<100	0.6	<0.5	<10	2.1	1500	0.7	<1	13.18	<2	<100	<200
73	NB072022	5.9	<5	2.3	<100	1.0	<0.5	<10	3.6	3100	1.2	<1	2.12	<2	<100	<200
74	NB072023	2.5	<5	1.2	<100	<0.5	<0.5	<10	2.0	1500	0.6	<1	3.26	<2	<100	<200
75	NB072024	4.5	<5	2.1	<100	0.5	<0.5	<10	3.5	2700	1.0	<1	6.37	<2	<100	<200
76	NB072026	3.9	<5	2.2	<100	1.1	<0.5	<10	3.5	3100	1.2	<1	8.11	<2	<100	<200
77	NB072027	1.5	<5	1.1	<100	0.5	<0.5	<10	1.5	1300	0.5	<1	4.99	<2	100	<200
78	NB072028	2.1	<5	1.3	<100	<0.5	<0.5	<10	2.2	1400	0.8	<1	4.35	<2	<100	<200
79	NB072029	3.0	<5	1.6	<100	0.8	<0.5	<10	3.0	2400	0.9	<1	4.46	<2	<100	<200
80	NB072030	3.0	<5	1.9	<100	0.9	<0.5	<10	3.5	2700	1.2	<1	13.42	<2	<100	<200
81	NB072031	0.6	<5	0.3	<100	<0.5	<0.5	<10	0.5	<500	<0.2	<1	2.33	<2	<100	<200
82	NB072032	4.0	<5	2.6	<100	1.3	0.6	<10	4.3	3700	1.4	2	9.61	2	<100	<200
83	NB072033	3.1	<5	1.8	<100	0.6	<0.5	<10	3.1	2300	0.9	<1	6.19	<2	<100	<200
84	NB072034															
85	NB072035	2.0	<5	0.9	<100	<0.5	<0.5	<10	1.4	1000	0.3	<1	2.97	<2	<100	<200
86	NB072036	13.0	<5	4.6	<100	0.9	0.6	<10	7.8	4600	1.8	<1	8.2	2	110	<200
87	NB072037	10.0	<5	3.8	<100	0.9	<0.5	<10	7.1	4600	2.3	<1	8.91	2	<100	490
88	NB072038	4.9	<5	2.7	<100	0.9	<0.5	<10	4.6	4000	1.5	<1	5.68	<2	<100	<200
89	NB072039	9.0	<5	3.8	<100	1.0	0.6	<10	6.7	4700	1.9	1	7.09	3	<100	<200
90	NB072040	4.2	<5	1.8	<100	<0.5	<0.5	<10	3.2	2200	0.7	<1	4.08	<2	220	<200
91	NB072041	5.0	<5	2.4	<100	0.9	<0.5	<10	4.1	4700	1.3	<1	5.95	<2	<100	<200
92	NB072042	6.1	<5	3.7	<100	1.2	<0.5	<10	5.7	4200	1.4	1	6.49	<2	<100	300
93	NB072043	7.9	<5	4.2	<100	0.5	0.6	<10	5.5	4000	1.9	<1	7.88	<2	<100	<200
94	NB072044	3.0	<5	2.0	<100	0.6	<0.5	<10	3.6	2200	1.1	<1	9.34	<2	<100	<200
95	NB072045	2.7	<5	2.0	<100	0.6	<0.5	<10	3.5	3200	1.2	<1	9.9	<2	<100	<200
96	NB072046	2.4	<5	1.9	<100	<0.5	<0.5	<10	1.5	720	0.5	<1	2.97	<2	<100	<200
97	NB072047	3.0	<5	2.1	<100	0.9	<0.5	<10	3.5	3600	1.3	<1	10.76	<2	<100	<200
98	NB072048	2.2	<5	0.9	<100	<0.5	<0.5	<10	1.3	1600	0.4	<1	1.71	<2	110	<200

PH layer
<2 mm fraction
INAA

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Variable		Ag	As	Au	Ba	Br	Cd	Ce	Cr	Cs	Eu	Fe	Hf	Ir	La	Lu	Na	Ni	Rb	Sb
Unit		ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	%	ppm	ppm	ppm
Min. Detection Limit		2	0.5	2	50	0.5	5	5	20	0.5	1	0.2	1	50	2	0.2	0.02	10	5	0.1
Sample Preparation		milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled
Dissolution		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instrumentation		INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
99	NB072050																			
100	NB072051	<2	3.4	11	210	4.0	<5	43	33	1.4	1	1.2	6	<50	21	0.4	0.46	<10	44	0.6
101	NB072052	<2	2.9	<2	280	7.1	<5	32	22	2.0	<1	1.2	4	<50	17	0.3	0.44	<10	45	0.6
102	NB072053	<2	3.5	<2	260	5.3	<5	24	34	1.4	<1	1.1	5	<50	13	0.3	0.56	14	37	1.1
103	NB072054	<2	5.5	<2	290	6.0	<5	55	66	2.3	<1	2.8	6	<50	28	0.3	0.92	27	57	0.4
104	NB072055	<2	3.3	5	180	6.7	<5	35	34	1.8	<1	0.5	3	<50	17	<0.2	0.21	<10	24	1.0
105	NB072056	<2	3.1	<2	250	3.8	<5	35	54	2.1	<1	0.7	4	<50	18	<0.2	0.46	<10	47	0.9
106	NB072057	<2	3.1	<2	190	5.7	<5	23	62	2.1	<1	0.9	3	<50	13	<0.2	0.32	11	41	0.9
107	NB072058	<2	4.7	<2	290	5.9	<5	48	93	3.6	<1	2.0	5	<50	25	0.3	0.61	25	72	0.5
108	NB072059	<2	3.2	<2	300	4.4	<5	50	64	2.6	<1	1.1	6	<50	27	0.3	0.36	14	48	0.4
109	NB072060																			
110	NB072061	<2	4.0	4	220	7.2	<5	17	27	0.7	<1	0.9	3	<50	7	<0.2	0.26	<10	24	1.4
111	NB072062	<2	2.7	<2	390	10.0	<5	33	36	2.0	<1	1.7	6	<50	17	0.2	0.70	<10	37	0.6
112	NB072063	<2	1.3	<2	130	11.0	<5	<5	<20	0.5	<1	0.3	<1	<50	<2	<0.2	0.08	<10	20	0.8
113	NB072064	<2	4.8	<2	230	3.3	<5	37	31	1.8	<1	0.9	7	<50	20	0.4	0.44	<10	32	1.0
114	NB072065	<2	1.4	<2	370	2.9	<5	29	25	1.3	<1	0.4	5	<50	16	0.3	0.32	<10	37	0.5
115	NB072066	<2	2.1	<2	<50	24.0	<5	16	<20	0.6	<1	0.6	<1	<50	7	<0.2	0.07	<10	10	0.8
116	NS071001	<2	22.0	33	2400	7.4	<5	52	30	2.4	2	2.0	3	<50	44	0.5	0.64	<10	57	1.9
117	NS071002	<2	6.0	<2	260	5.3	<5	43	48	3.2	<1	1.7	7	<50	23	0.4	0.73	<10	68	0.9
118	NS071003	<2	3.2	2	220	4.1	<5	44	27	1.8	1	0.9	12	<50	23	0.4	0.31	<10	37	0.6
119	NS071004	<2	6.7	<2	250	5.1	<5	64	40	4.1	<1	2.1	9	<50	32	0.5	0.78	21	71	0.6
120	NS071005	<2	7.0	<2	340	8.8	<5	45	44	3.2	<1	1.9	10	<50	25	0.4	0.48	<10	71	0.6
121	NS071006	<2	4.8	<2	310	5.9	<5	46	41	2.9	<1	2.2	8	<50	23	0.3	0.65	15	60	0.5
122	NS071007	<2	7.0	2	490	10.0	<5	68	74	7.8	<1	2.5	5	<50	36	0.4	0.34	12	110	0.9
123	NS071008																			
124	NS071009	<2	2.3	<2	<50	30.0	<5	<5	<20	1.1	<1	0.2	<1	<50	<2	<0.2	0.07	<10	14	0.7
125	NS071010	<2	4.9	<2	230	5.3	<5	48	34	1.9	1	1.4	12	<50	24	0.5	0.44	<10	43	0.6
126	NS071011	<2	4.4	<2	280	18.0	<5	52	65	1.9	1	2.3	18	<50	27	0.5	0.81	<10	42	0.7
127	NS071012	<2	1.2	<2	340	32.0	<5	15	<20	1.7	<2	0.7	2	<50	8	<0.2	0.65	<10	20	0.3
128	NS071013	<2	3.5	<2	180	9.3	<5	49	30	2.1	<1	0.9	12	<50	25	0.4	0.35	<10	35	0.7
129	NS071014	<2	4.5	<2	260	12.0	<5	49	33	3.3	<1	1.4	11	<50	24	0.5	0.77	<10	72	0.6
130	NS071015	<2	10.0	<2	300	62.6	<5	78	58	14.0	1	3.6	8	<50	31	0.4	0.63	<10	110	0.7
131	NS071016	<2	5.3	<2	180	19.0	<5	36	21	2.5	<1	1.4	3	<50	18	0.3	0.41	<10	46	0.6

PH layer
<2 mm fraction
INAA

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Variable		Sc	Se	Sm	Sn	Ta	Tb	Te	Th	Ti	U	W	Wt	Yb	Zn	Zr
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	ppm	ppm	ppm
Min. Detection Limit		0.2	5	0.1	100	0.5	0.5	10	0.2	500	0.2	1	-	2	100	200
Sample Preparation		milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled
Dissolution		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instrumentation		INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
99	NB072050															
100	NB072051	5.4	<5	2.8	<100	0.7	0.5	<10	4.4	3900	1.4	<1	8.79	<2	<100	<200
101	NB072052	4.3	<5	2.3	<100	0.5	<0.5	<10	3.8	2900	1.1	<1	6.28	<2	<100	<200
102	NB072053	5.8	<5	1.8	<100	0.9	<0.5	<10	4.3	3800	1.4	1	6.18	<2	<100	<200
103	NB072054	8.9	<5	3.9	<100	0.6	0.5	<10	5.5	3400	1.6	<1	8.76	<2	<100	<200
104	NB072055	4.5	<5	2.1	<100	0.7	<0.5	<10	3.9	3100	1.2	<1	3.33	<2	<100	<200
105	NB072056	6.3	<5	2.1	<100	0.6	<0.5	<10	4.2	3000	1.2	<1	6.62	<2	<100	<200
106	NB072057	8.7	<5	1.7	<100	0.9	<0.5	<10	4.3	3400	1.5	<1	5.45	<2	<100	<200
107	NB072058	8.3	<5	2.9	<100	0.9	<0.5	<10	5.8	4100	1.5	1	5.31	<2	<100	<200
108	NB072059	7.3	<5	3.6	<100	1.2	0.6	<10	6.6	4200	1.5	<1	7.4	2	<100	<200
109	NB072060															
110	NB072061	5.0	<5	1.0	<100	0.5	<0.5	<10	2.2	3500	0.7	2	3.4	<2	<100	<200
111	NB072062	5.9	<5	2.5	<100	0.8	<0.5	<10	4.6	3200	1.4	1	5.22	<2	<100	<200
112	NB072063	0.9	<5	0.3	<100	<0.5	<0.5	<10	0.6	<500	0.3	<1	2.05	<2	100	<200
113	NB072064	5.0	<5	2.7	<100	1.0	<0.5	<10	4.8	3800	1.6	1	8.14	<2	<100	270
114	NB072065	3.6	<5	2.2	<100	0.6	<0.5	<10	3.9	3300	1.2	1	4.06	<2	<100	<200
115	NB072066	2.4	<5	1.7	<100	<0.5	<0.5	<10	1.7	<500	1.5	<1	2.77	<2	<100	<200
116	NS071001	10.0	<5	6.5	<100	0.6	0.8	<10	4.8	2400	1.2	1	6.3	3	<100	<200
117	NS071002	7.7	<5	3.4	<100	1.0	0.5	<10	5.9	5000	2.0	1	9.71	3	<100	<200
118	NS071003	4.3	<5	3.4	<100	1.2	0.6	<10	5.4	3900	1.9	1	11.97	3	<100	460
119	NS071004	8.2	<5	4.5	<100	1.5	0.7	<10	6.3	5300	1.8	<1	11.12	3	<100	420
120	NS071005	7.1	<5	3.5	<100	1.5	<0.5	<10	6.3	5400	2.3	2	10.56	3	<100	330
121	NS071006	7.3	<5	3.2	<100	1.3	<0.5	<10	5.5	5200	1.7	1	9.7	2	<100	400
122	NS071007	11.0	<5	4.8	<100	1.4	0.7	<10	8.3	4600	2.0	2	4.84	3	<100	<200
123	NS071008															
124	NS071009	0.5	<5	0.3	<100	<0.5	<0.5	<10	<0.2	<500	0.2	<1	2.1	<2	<100	<200
125	NS071010	5.4	<5	3.8	<100	1.4	0.7	<10	6.0	5800	2.1	1	11.21	3	<100	380
126	NS071011	7.7	<5	4.4	<100	1.8	0.6	<10	7.9	7000	3.0	2	10.43	3	<100	650
127	NS071012	2.1	<5	1.3	<100	1.3	<0.5	<10	2.7	1500	0.7	<1	1.99	<2	<100	<200
128	NS071013	4.3	<5	4.1	<100	1.3	0.7	<10	6.6	4500	2.4	<1	11.46	2	<100	440
129	NS071014	5.9	<5	3.2	<100	1.4	0.6	<10	6.7	5000	2.3	1	10.2	3	<100	340
130	NS071015	10.0	<5	4.7	<100	1.3	0.6	<10	10.0	3200	3.2	1	8.82	3	<100	350
131	NS071016	5.3	<5	2.1	<100	1.1	<0.5	<10	3.9	3400	1.3	2	5.47	<2	<100	<200

PH layer
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INAA

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Variable		Ag	As	Au	Ba	Br	Cd	Ce	Cr	Cs	Eu	Fe	Hf	Ir	La	Lu	Na	Ni	Rb	Sb
Unit		ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	%	ppm	ppm	ppm
Min. Detection Limit		2	0.5	2	50	0.5	5	5	20	0.5	1	0.2	1	50	2	0.2	0.02	10	5	0.1
Sample Preparation		milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled
Dissolution		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instrumentation		INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
132	NS071017	<2	11.0	<2	350	4.8	<5	75	55	3.9	1	3.2	9	<50	38	0.6	0.45	<10	70	1.3
133	NS071019	<2	13.0	<2	290	8.1	<5	31	<20	3.1	<1	0.9	9	<50	15	0.3	1.00	<10	71	0.4
134	NS071020	<2	1.5	<2	220	12.0	<5	39	<20	2.2	1	0.3	9	<50	18	0.3	0.94	<10	55	0.4
135	NS071021	<2	6.1	<2	320	14.0	<5	58	30	5.1	<1	2.0	10	<50	28	0.5	0.71	11	70	0.5
136	NS071022	<2	5.5	<2	640	4.4	<5	27	22	11.0	<1	1.1	9	<50	15	0.2	1.10	<10	220	0.3
137	NS071023	<2	1.5	<2	130	36.0	<5	<5	<20	<0.5	<1	0.3	<1	<50	2	<0.2	0.10	<10	6	0.4
138	NS071024	<2	4.7	<2	270	7.0	<5	54	34	3.1	<1	0.9	10	<50	29	0.4	0.27	<10	56	0.5
139	NS071025	<2	15.0	<2	170	18.0	<5	34	30	2.3	<1	2.6	8	<50	19	0.3	0.48	<10	38	0.8
140	NS071026																			
141	NS071027	<2	11.0	<2	260	26.0	<5	32	41	5.1	<1	3.3	6	<50	16	0.4	0.39	16	55	1.3
142	NS071028	<2	5.6	<2	270	45.0	<5	39	43	3.3	<1	2.6	6	<50	20	0.4	0.89	<10	49	1.2
143	NS071029	<2	8.8	<2	380	26.0	<5	66	49	3.5	<1	4.6	8	<50	33	0.4	0.46	<10	90	0.7
144	NS071030	<2	4.3	<2	400	57.1	<5	120	32	10.0	<1	3.6	5	<50	24	0.3	0.79	27	70	0.7
145	NS071031	<2	5.9	<2	280	9.0	<5	55	54	4.1	<1	1.9	10	<50	28	0.5	0.66	10	76	0.6
146	NS071032	<2	25.0	<2	350	16.0	<5	49	41	3.3	<1	3.0	7	<50	25	0.4	0.84	<10	55	0.7
147	NS071033	<2	2.1	2	260	23.0	<5	26	<20	1.7	<1	0.9	4	<50	13	0.2	0.40	18	16	0.7
148	NS071034	<2	8.5	<2	380	22.0	<5	58	86	8.0	<1	4.1	4	<50	30	0.3	0.52	34	120	0.6
149	NS071036	<2	18.0	<4	540	17.0	<5	77	75	5.5	2	4.7	6	<50	44	0.5	0.65	22	120	1.0
150	NS071037	<2	9.2	2	450	29.0	<5	41	98	7.7	<1	7.2	7	<50	23	0.5	1.10	46	57	0.7
151	NS071038	<2	6.2	<2	210	7.9	<5	36	37	2.5	<1	1.7	8	<50	18	0.4	0.54	<10	63	0.5
152	NS071039	<2	11.0	<2	260	11.0	<5	57	50	4.6	1	2.8	6	<50	31	0.4	0.57	<10	93	0.8
153	NS071040	<2	11.0	<2	410	33.0	<5	82	65	5.9	2	4.2	8	<50	41	0.4	0.76	25	120	0.8
154	NS071041																			
155	NS071042	<2	5.9	<2	210	5.5	<5	35	27	1.5	<1	1.0	10	<50	17	0.4	0.62	<10	31	0.7
156	NS071043	<2	15.0	<2	440	10.0	<5	44	41	4.2	<1	2.4	6	<50	22	0.3	1.20	<10	94	0.4
157	NS071044	<2	15.0	3	550	20.0	<5	36	60	6.2	<1	4.1	6	<50	13	0.4	0.85	15	110	0.3
158	NS071045	<2	8.5	<2	230	24.0	<5	46	46	4.6	2	3.9	7	<50	24	0.6	1.30	<10	54	0.3
159	NS071046	<2	1.6	<2	180	36.0	<5	41	<20	1.0	<1	1.3	8	<50	20	0.3	1.20	<10	12	0.3
160	NS071047	<2	4.8	3	200	4.5	<5	35	29	1.7	1	1.3	7	<50	20	0.3	0.44	<10	42	0.6
161	NS071048																			
162	NS071049	<2	7.2	3	380	25.0	<5	41	48	2.9	<1	3.0	7	<50	20	0.3	0.61	<10	78	0.7
163	NS071050	<2	2.7	<6	<50	47.0	<5	<5	<20	<0.5	<1	0.3	<2	<50	6	<0.2	0.18	<21	17	0.9
164	NS071052	<2	15.0	<2	490	6.8	<5	37	43	5.7	<1	2.3	5	<50	18	0.3	0.68	<10	82	0.9

PH layer
<2 mm fraction
INAA

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Variable		Sc	Se	Sm	Sn	Ta	Tb	Te	Th	Ti	U	W	Wt	Yb	Zn	Zr
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	ppm	ppm	ppm
Min. Detection Limit		0.2	5	0.1	100	0.5	0.5	10	0.2	500	0.2	1	-	2	100	200
Sample Preparation		milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled
Dissolution		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instrumentation		INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
132	NS071017	10.0	<5	6.0	<100	2.0	0.8	<10	10.0	6400	2.9	2	8.95	4	<100	380
133	NS071019	3.6	<5	2.6	<100	1.1	<0.5	<10	5.2	3100	1.7	1	10.88	<2	<100	320
134	NS071020	1.9	<5	3.2	<100	1.0	<0.5	<10	6.2	1900	1.4	<1	8.98	<2	<100	<200
135	NS071021	5.5	<5	4.8	<100	1.5	0.7	<10	9.2	4200	2.4	2	11.27	2	120	280
136	NS071022	6.0	<5	2.2	<100	2.8	<0.5	<10	10.0	4400	3.0	24	9.15	<2	<100	420
137	NS071023	0.7	<5	0.3	<100	<0.5	<0.5	<10	0.6	<500	0.3	<1	2.52	<2	<100	<200
138	NS071024	6.1	<5	4.2	<100	1.4	0.7	<10	6.2	5300	2.4	2	10.24	3	<100	290
139	NS071025	6.1	<5	2.4	<100	0.9	<0.5	<10	5.1	4100	1.7	1	8.56	<2	<100	<200
140	NS071026															
141	NS071027	11.0	<5	2.8	<100	1.0	0.6	<10	6.2	4900	1.6	2	8.38	3	120	<200
142	NS071028	8.3	<5	3.3	<100	0.9	0.7	<10	6.5	4600	2.3	<1	5.79	<2	<100	<200
143	NS071029	11.0	<5	4.4	<100	1.4	<0.5	<10	8.4	5600	2.5	1	7.91	3	<100	<200
144	NS071030	9.2	<5	4.3	<100	0.7	0.6	<10	9.3	3800	3.4	2	7.76	2	120	<200
145	NS071031	7.9	<5	4.0	<100	1.4	0.5	<10	7.0	5500	2.4	2	9.68	3	<100	<200
146	NS071032	7.8	<5	3.8	<100	1.0	0.7	<10	6.4	4400	2.1	2	9.93	3	<100	<200
147	NS071033	4.2	<5	2.2	<100	<0.5	<0.5	<10	3.7	2300	1.2	<1	2.84	<2	<100	<200
148	NS071034	13.0	<5	3.5	<100	1.1	<0.5	<10	7.9	5000	3.0	3	6.51	2	120	<200
149	NS071036	16.0	<5	6.8	<100	1.9	0.9	<10	12.0	6800	2.6	3	6.74	4	180	<200
150	NS071037	19.0	<5	3.4	<100	1.1	0.6	<10	5.5	8200	1.7	1	9.22	3	230	<200
151	NS071038	5.5	<5	2.8	<100	1.1	<0.5	<10	5.8	4600	1.8	<1	11.41	3	<100	280
152	NS071039	9.4	<5	3.6	<100	1.5	0.5	<10	7.6	4500	2.3	1	8.88	3	<100	<200
153	NS071040	13.0	<5	6.7	<100	2.0	1.1	<10	11.0	5700	2.5	2	6.98	3	<100	<200
154	NS071041															
155	NS071042	5.2	<5	3.0	<100	1.4	<0.5	<10	5.0	4800	1.9	1	10.02	2	<100	<200
156	NS071043	6.1	<5	3.6	<100	0.6	0.6	<10	6.0	2800	1.8	1	11.28	<2	<100	380
157	NS071044	13.0	<5	2.0	<100	1.6	<0.5	<10	7.4	5900	1.5	2	10.81	2	<100	<200
158	NS071045	8.3	<5	4.1	<100	1.0	<0.5	<10	8.0	4500	2.1	1	11.54	3	<100	<200
159	NS071046	3.0	<5	3.2	<100	0.8	<0.5	<10	6.6	3200	1.5	<1	10.64	2	<100	320
160	NS071047	4.9	<5	2.7	<100	1.1	<0.5	<10	5.1	4200	1.6	1	10.06	2	<100	<200
161	NS071048															
162	NS071049	8.1	<5	3.0	<100	1.4	<0.5	<10	7.1	4600	1.8	<1	8.63	2	<100	<200
163	NS071050	2.0	<5	0.8	<100	<0.5	<0.5	<24	<0.5	670	0.3	<1	1.22	<2	<100	<560
164	NS071052	10.0	<5	3.5	<100	1.3	0.6	<10	5.5	4900	2.0	2	8.74	<2	<100	<200

PH layer
<2 mm fraction
INAA

North American Soil Geochemistry Landscapes Project
Soil Geochemistry Data

Variable		Ag	As	Au	Ba	Br	Cd	Ce	Cr	Cs	Eu	Fe	Hf	Ir	La	Lu	Na	Ni	Rb	Sb
Unit		ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	%	ppm	ppm	ppm
Min. Detection Limit		2	0.5	2	50	0.5	5	5	20	0.5	1	0.2	1	50	2	0.2	0.02	10	5	0.1
Sample Preparation		milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled
Dissolution		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instrumentation		INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
165	NS071053	<2	4.0	2	400	7.3	<5	43	35	4.5	<1	0.8	10	<50	22	0.4	1.00	<10	83	0.3
166	NS071054	<2	10.0	3	470	9.1	<5	58	65	6.7	<1	3.8	4	<50	29	0.4	1.00	17	95	0.6
167	NS071055	<2	6.6	<2	440	14.0	<5	29	<20	2.5	<1	0.9	6	<50	14	0.3	0.94	<10	83	0.3
168	NS071056	<2	7.5	<2	290	38.0	<5	48	76	3.5	2	4.9	6	<50	29	0.9	0.73	32	52	0.4
169	NS071057	<2	5.3	<2	760	11.0	<5	40	35	2.2	<1	1.3	10	<50	22	0.3	0.40	<10	40	0.5
170	PE071001	<2	9.2	<2	270	18.0	<5	82	40	3.4	2	2.2	8	<50	40	0.4	0.39	<10	69	0.6
171	PE071002	<2	7.5	<2	240	16.0	<5	66	34	2.7	1	1.9	7	<50	35	0.4	0.34	<10	58	0.6
172	PE071003	<2	5.9	3	270	11.0	<5	68	26	1.9	<1	1.4	7	<50	30	0.3	0.29	11	56	0.6
173	PE071004	<2	6.1	<2	230	7.9	<5	81	31	2.4	1	1.3	7	<50	40	0.3	0.19	<10	55	0.6
174	PE071005	<2	5.0	<2	190	13.0	<5	64	<20	1.8	<1	0.8	6	<50	31	0.3	0.18	<10	34	0.6
175	PE071006	<2	3.7	4	190	41.0	<5	27	24	1.5	1	0.9	5	<50	13	0.2	0.50	18	33	0.5
176	PE071007	<2	6.3	<2	380	14.0	<5	53	43	3.1	1	2.3	7	<50	25	0.4	0.89	<10	86	0.5
177	PE071008	<2	4.8	<2	320	9.2	<5	32	29	2.5	<1	1.6	6	<50	19	0.3	0.68	<10	71	0.4
178	PE071009	<2	4.5	<2	220	24.0	<5	31	28	2.5	<1	1.0	4	<50	16	0.2	0.38	11	41	1.0

PH layer
<2 mm fraction
INAA

North American Soil Geochemistry Landscapes Project
Soil Geochemistry Data

Variable		Sc	Se	Sm	Sn	Ta	Tb	Te	Th	Ti	U	W	Wt	Yb	Zn	Zr
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	ppm	ppm	ppm
Min. Detection Limit		0.2	5	0.1	100	0.5	0.5	10	0.2	500	0.2	1	-	2	100	200
Sample Preparation		milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled	milled
Dissolution		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instrumentation		INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
165	NS071053	6.9	<5	3.6	<100	1.4	0.6	<10	6.6	4400	2.1	1	12.02	2	<100	370
166	NS071054	11.0	<5	4.4	<100	1.1	0.8	<10	7.6	4500	1.9	2	8.99	2	<100	<200
167	NS071055	3.0	<5	2.8	<100	1.0	<0.5	<10	5.5	2400	1.7	1	10.25	<2	<100	270
168	NS071056	22.4	<5	6.8	<100	1.2	1.2	<10	5.3	5600	1.9	1	9.22	4	140	<200
169	NS071057	5.1	<5	3.2	<100	1.3	<0.5	<10	5.2	4000	1.6	<1	8.84	3	<100	360
170	PE071001	6.3	<5	5.9	<100	1.4	0.6	<10	6.3	6000	2.0	2	12.36	3	<100	350
171	PE071002	5.3	<5	4.7	<100	1.1	<0.5	<10	5.6	5300	1.5	1	10.17	<2	<100	<200
172	PE071003	5.3	<5	4.6	<100	1.0	0.7	<10	4.7	5300	1.2	1	9.38	<2	<100	<200
173	PE071004	4.6	<5	5.7	<100	1.0	<0.5	<10	5.1	4700	1.2	<1	10.27	<2	<100	<200
174	PE071005	3.6	<5	4.5	<100	0.9	0.5	<10	3.9	4400	1.0	<1	9.25	<2	<100	340
175	PE071006	3.6	<5	1.8	<100	<0.5	<0.5	<10	3.0	2500	1.1	<1	6.5	<2	<100	<200
176	PE071007	6.7	<5	3.2	<100	1.2	0.6	<10	6.7	4400	2.2	1	12.48	2	<100	<200
177	PE071008	4.3	<5	2.4	<100	0.8	<0.5	<10	5.0	3500	1.5	1	6.75	<2	<100	<200
178	PE071009	4.4	<5	2.0	<100	0.7	<0.5	<10	3.3	2900	1.0	1	7.25	<2	<100	<200