

**C-horizon**  
**<2 mm fraction**

# North American Soil Geochemical Landscapes Project

## Summary Statistics - Soil Carbon Content Data

Variable Unit	C (Total) %	C (Inorganic) %	C (Organic) %	LOI (500°C) %
Sample Preparation	milled	milled	milled	milled
Number of Samples	175	175	175	176
Arithmetic Mean	0.83	<0.01	0.83	3.84
Median	0.59	<0.01	0.58	3.20
Variance	0.61	0.00	0.60	5.47
Standard Deviation	0.78	0.01	0.78	2.34
Skewness	2.00	8.15	2.00	2.13
Kurtosis	5.15	81.05	5.18	6.14
Percentiles				
Minimum Value	0.03	<0.01	0.03	1.15
5th Percentile	0.11	<0.01	0.11	1.53
10th Percentile	0.14	<0.01	0.14	1.86
15th Percentile	0.16	<0.01	0.16	2.06
25th Percentile	0.29	<0.01	0.29	2.33
35th Percentile	0.41	<0.01	0.40	2.67
50th Percentile	0.59	<0.01	0.58	3.20
65th Percentile	0.90	<0.01	0.90	3.89
70th Percentile	0.99	<0.01	0.99	4.09
75th Percentile	1.15	<0.01	1.14	4.78
80th Percentile	1.23	<0.01	1.23	5.02
90th Percentile	1.67	0.01	1.67	6.23
95th Percentile	2.38	0.02	2.38	8.83
98th Percentile	3.20	0.05	3.18	10.17
99th Percentile	3.59	0.05	3.55	13.49
Maximum Value	4.58	0.16	4.58	15.60

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Variable Unit Sample Preparation		C (Total) % milled	C (Inorganic) % milled	C (Organic) % milled	LOI (500°C) % milled
1	NB071001	0.73	<0.01	0.73	3.55
2	NB071002	0.11	<0.01	0.11	2.70
3	NB071003	0.37	<0.01	0.37	2.41
4	NB071004	0.45	<0.01	0.45	2.51
5	NB071005	0.77	<0.01	0.77	4.12
6	NB071007	0.97	0.01	0.96	3.53
7	NB071009	0.21	<0.01	0.21	2.44
8	NB071010	0.26	0.01	0.25	1.74
9	NB071011	1.22	<0.01	1.22	4.78
10	NB071012	0.29	<0.01	0.29	1.85
11	NB071013	0.35	<0.01	0.35	2.55
12	NB071014	0.59	<0.01	0.59	2.88
13	NB071015	0.88	<0.01	0.88	3.06
14	NB071016	1.23	<0.01	1.23	4.80
15	NB071017	1.15	0.01	1.14	4.53
16	NB071018	0.09	<0.01	0.09	2.36
17	NB071019	0.17	<0.01	0.17	3.17
18	NB071020	0.80	<0.01	0.80	4.42
19	NB071021	0.39	<0.01	0.39	2.60
20	NB071022	1.54	<0.01	1.54	5.26
21	NB071023	0.95	0.01	0.94	3.82
22	NB071024	0.76	<0.01	0.76	3.39
23	NB071025	0.46	<0.01	0.46	1.88
24	NB071027	0.44	<0.01	0.44	2.81
25	NB071028	0.34	0.01	0.33	2.61
26	NB071029	1.31	<0.01	1.31	5.19
27	NB071030	0.32	<0.01	0.32	2.71
28	NB071031	1.22	0.01	1.21	4.77
29	NB071032	0.56	<0.01	0.56	3.94
30	NB071033	0.35	<0.01	0.35	2.84
31	NB071034	0.11	<0.01	0.11	1.73
32	NB071035	0.51	<0.01	0.51	2.67
33	NB071036	0.12	<0.01	0.12	2.43
34	NB071037	0.06	<0.01	0.06	1.15
35	NB071038	0.49	<0.01	0.50	2.46
36	NB071039	0.21	<0.01	0.21	2.66
37	NB071040	0.98	<0.01	0.98	3.59
38	NB071041	0.15	<0.01	0.15	2.19
39	NB071042	2.62	0.01	2.61	9.48
40	NB071043	0.46	<0.01	0.46	2.93
41	NB071044	1.38	<0.01	1.38	4.42
42	NB071045	0.32	<0.01	0.32	1.93
43	NB071046	0.38	<0.01	0.38	2.19
44	NB071047	0.20	<0.01	0.20	2.21
45	NB071048	0.19	<0.01	0.19	2.70
46	NB071049	0.29	<0.01	0.29	2.06
47	NB071050	0.52	<0.01	0.52	3.43
48	NB071051	0.46	<0.01	0.46	2.13

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Variable Unit Sample Preparation		C (Total) % milled	C (Inorganic) % milled	C (Organic) % milled	LOI (500°C) % milled
49	NB071052	0.71	<0.01	0.71	3.32
50	NB071054	0.85	<0.01	0.85	3.95
51	NB071055	3.36	<0.01	3.36	13.44
52	NB071056	1.46	0.01	1.45	5.53
53	NB072001	0.36	<0.01	0.36	2.16
54	NB072002	0.40	0.01	0.39	2.25
55	NB072003	0.53	<0.01	0.53	3.41
56	NB072004	2.30	<0.01	2.30	8.29
57	NB072005	1.00	<0.01	1.00	5.00
58	NB072006	0.99	<0.01	0.99	4.86
59	NB072007	0.49	<0.01	0.49	3.24
60	NB072009	0.57	<0.01	0.57	3.12
61	NB072010	0.79	<0.01	0.79	4.03
62	NB072011	0.51	<0.01	0.51	3.38
63	NB072012	0.65	0.02	0.63	3.59
64	NB072013	0.49	<0.01	0.49	3.22
65	NB072014	0.92	<0.01	0.92	4.00
66	NB072015	1.18	<0.01	1.18	9.96
67	NB072016	1.16	<0.01	1.16	5.02
68	NB072017	1.42	<0.01	1.42	6.25
69	NB072018	1.06	0.01	1.05	4.59
70	NB072019	1.54	<0.01	1.54	5.78
71	NB072020	1.01	<0.01	1.01	4.31
72	NB072021	0.15	<0.01	0.15	1.21
73	NB072022	0.27	<0.01	0.27	3.12
74	NB072023	0.58	<0.01	0.58	2.93
75	NB072024	0.69	<0.01	0.69	2.83
76	NB072026	0.79	<0.01	0.79	3.89
77	NB072027	0.22	<0.01	0.22	2.36
78	NB072028	0.81	<0.01	0.81	3.43
79	NB072029	0.50	<0.01	0.50	2.77
80	NB072030	0.38	<0.01	0.38	2.12
81	NB072031	0.80	<0.01	0.80	3.94
82	NB072032	0.26	<0.01	0.26	1.51
83	NB072033	0.32	<0.01	0.32	1.95
84	NB072034	1.49	<0.01	1.49	5.31
85	NB072035	1.64	0.01	1.63	4.97
86	NB072036	1.02	<0.01	1.02	3.74
87	NB072037	1.47	<0.01	1.47	6.01
88	NB072038	4.58	<0.01	4.58	15.60
89	NB072039	1.31	<0.01	1.31	4.83
90	NB072040	2.76	0.01	2.75	9.25
91	NB072041	1.41	<0.01	1.41	6.12
92	NB072042	0.69	<0.01	0.69	3.05
93	NB072043	0.99	<0.01	0.99	3.87
94	NB072044	0.56	<0.01	0.56	2.58
95	NB072045	0.19	<0.01	0.19	1.65
96	NB072046	0.16	<0.01	0.16	2.18

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	Variable Unit Sample Preparation	C (Total) % milled	C (Inorganic) % milled	C (Organic) % milled	LOI (500°C) % milled
97	NB072047	0.19	<0.01	0.19	1.53
98	NB072048	0.26	<0.01	0.26	2.03
99	NB072050	0.25	<0.01	0.25	2.77
100	NB072051	0.74	<0.01	0.74	3.64
101	NB072052	0.43	<0.01	0.43	2.84
102	NB072053	1.81	<0.01	1.81	6.94
103	NB072054	0.46	<0.01	0.46	2.99
104	NB072055	2.03	0.02	2.01	7.66
105	NB072056	0.83	<0.01	0.83	3.84
106	NB072057	4.11	0.01	4.10	13.66
107	NB072058	1.50	0.01	1.49	5.67
108	NB072059	1.67	<0.01	1.67	6.62
109	NB072060	1.09	<0.01	1.09	4.91
110	NB072061	1.54	0.03	1.51	6.11
111	NB072062	1.67	<0.01	1.67	6.15
112	NB072063	2.16	<0.01	2.16	7.20
113	NB072064	1.19	<0.01	1.19	4.85
114	NB072065	0.90	<0.01	0.90	3.72
115	NB072066	2.87	<0.01	2.87	9.01
116	NS071001	0.14	<0.01	0.14	2.17
117	NS071002	1.21	<0.01	1.21	5.06
118	NS071003	0.27	<0.01	0.27	2.07
119	NS071004	0.09	<0.01	0.09	1.68
120	NS071005	0.13	<0.01	0.13	2.67
121	NS071006	0.04	<0.01	0.04	2.22
122	NS071007	0.14	<0.01	0.14	2.00
123	NS071008				
124	NS071009	0.71	<0.01	0.71	4.11
125	NS071010	0.16	<0.01	0.16	2.83
126	NS071011	0.35	<0.01	0.35	2.36
127	NS071012	1.18	<0.01	1.18	4.00
128	NS071013	0.54	<0.01	0.54	3.22
129	NS071014	0.88	<0.01	0.88	3.49
130	NS071015	0.36	<0.01	0.36	2.06
131	NS071016	0.86	<0.01	0.86	6.20
132	NS071017	1.03	<0.01	1.03	4.06
133	NS071019	0.36	<0.01	0.36	1.86
134	NS071020	0.65	<0.01	0.65	2.38
135	NS071021	0.16	<0.01	0.16	1.32
136	NS071022	2.02	<0.01	2.02	6.20
137	NS071023	0.39	<0.01	0.39	2.30
138	NS071024	0.50	<0.01	0.50	3.69
139	NS071025	0.43	<0.01	0.43	2.43
140	NS071026				
141	NS071027	1.77	<0.01	1.77	5.71
142	NS071028	0.85	<0.01	0.85	3.25
143	NS071029	0.91	<0.01	0.91	3.70
144	NS071030	1.73	<0.01	1.73	5.52

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	Variable Unit Sample Preparation	C (Total) % milled	C (Inorganic) % milled	C (Organic) % milled	LOI (500°C) % milled
145	NS071031	0.14	<0.01	0.14	2.81
146	NS071032	1.15	0.01	1.14	4.13
147	NS071033	1.06	0.04	1.02	3.89
148	NS071034	0.13	<0.01	0.13	2.56
149	NS071036	2.79	0.05	2.74	8.76
150	NS071037	2.09	<0.01	2.09	7.62
151	NS071038	0.14	<0.01	0.14	2.34
152	NS071039	0.78	<0.01	0.78	4.04
153	NS071040	0.47	<0.01	0.47	3.07
154	NS071041	3.42	0.05	3.37	10.37
155	NS071042	0.99	<0.01	0.99	3.76
156	NS071043	0.43	0.02	0.41	2.67
157	NS071044	0.64	<0.01	0.64	2.93
158	NS071045	0.68	0.01	0.67	2.84
159	NS071046	0.45	<0.01	0.45	1.93
160	NS071047	0.25	0.02	0.23	1.21
161	NS071048	0.63	0.16	0.47	1.84
162	NS071049	3.03	0.04	2.99	9.24
163	NS071050	0.91	<0.01	0.91	3.63
164	NS071052	1.60	0.06	1.54	6.48
165	NS071053	0.22	0.01	0.21	2.26
166	NS071054	0.49	<0.01	0.49	2.90
167	NS071055	1.49	<0.01	1.49	6.03
168	NS071056	1.32	0.03	1.29	6.05
169	NS071057	0.14	<0.01	0.14	2.05
170	PE071001	0.07	<0.01	0.07	1.17
171	PE071002	0.12	<0.01	0.12	1.35
172	PE071003	0.11	<0.01	0.11	1.18
173	PE071004	0.13	<0.01	0.13	1.86
174	PE071005	0.35	<0.01	0.36	2.28
175	PE071006				2.07
176	PE071007	0.03	<0.01	0.03	1.61
177	PE071008	0.05	<0.01	0.05	1.27
178	PE071009	0.12	<0.01	0.12	2.09