

A-horizon
<2 mm fraction

North American Soil Geochemical Landscapes Project

Summary Statistics - Soil Physical Properties Data

Variable Unit Sample Preparation	Water Content % unprocessed	Bulk Density g/cm3 unprocessed	Munsell Color - unprocessed	Color Description - unprocessed
Number of Samples	146	126	145	145
Arithmetic Mean	115.67	0.31		
Median	83.20	0.24		
Variance	8056.09	0.05		
Standard Deviation	89.76	0.22		
Skewness	1.25	1.63		
Kurtosis	0.84	3.48		
Percentiles				
Minimum Value	12.72	0.08		
5th Percentile	26.94	0.10		
10th Percentile	32.97	0.11		
15th Percentile	38.50	0.12		
25th Percentile	49.04	0.15		
35th Percentile	63.39	0.18		
50th Percentile	83.20	0.24		
65th Percentile	112.54	0.33		
70th Percentile	138.94	0.38		
75th Percentile	165.94	0.42		
80th Percentile	189.27	0.45		
90th Percentile	254.64	0.62		
95th Percentile	296.67	0.75		
98th Percentile	344.75	0.86		
99th Percentile	376.04	0.95		
Maximum Value	421.86	1.35		

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1	NB071001				
2	NB071002	56.70	0.53		
3	NB071003				
4	NB071004	90.95	0.37	7.5YR 3/1	very dark gray
5	NB071005	93.24	0.32	5YR 2.5/2	dark reddish brown
6	NB071007	421.86		7.5YR 3/2	dark brown
7	NB071009	44.05	0.42	7.5YR 2.5/1	black
8	NB071010	38.31		5YR 3/2	dark reddish brown
9	NB071011	219.11	0.16	10YR 2/2	very dark brown
10	NB071012	108.45	0.19	10YR 2/2	very dark brown
11	NB071013	53.74	0.33	7.5YR 3/1	very dark gray
12	NB071014	188.77	0.17	5YR 3/2	dark reddish brown
13	NB071015	180.46	0.20	2.5YR 4/4	reddish brown
14	NB071016	198.67	0.12	5YR 2.5/1	black
15	NB071017	47.87	0.28	10YR 4/3	brown
16	NB071018	195.43	0.17	5YR 2.5/1	black
17	NB071019	97.85	0.33	5YR 2.5/1	black
18	NB071020	83.23	0.39	10YR 2/2	very dark brown
19	NB071021	85.22	0.37	7.5YR 2.5/1	black
20	NB071022	139.94	0.25	7.5YR 2.5/1	black
21	NB071023	73.81	0.26	7.5YR 2.5/1	black
22	NB071024	64.55	0.48	7.5YR 3/2	dark brown
23	NB071025	81.76	0.23	10YR 2/2	very dark brown
24	NB071027	45.91	0.66	7.5YR 3/2	dark brown
25	NB071028	42.14	0.79	10YR 4/3	brown
26	NB071029	44.69	0.50	10YR 3/2	very dark grayish brown
27	NB071030	75.01	0.15	10YR 3/3	dark brown
28	NB071031	146.25	0.16	10YR 2/2	very dark brown
29	NB071032	62.66	0.23	7.5YR 2.5/2	very dark brown
30	NB071033	93.18	0.24	7.5YR 3/2	dark brown
31	NB071034	52.52	0.30	7.5YR 2.5/2	very dark brown
32	NB071035	72.12	0.23	7.5YR 3/3	dark brown
33	NB071036	86.54	0.17	7.5YR 3/2	dark brown
34	NB071037	229.96	0.24	7.5YR 2.5/1	black
35	NB071038				
36	NB071039	210.70	0.25	10YR 2/2	very dark brown
37	NB071040	86.45	0.23	7.5YR 2.5/2	very dark brown
38	NB071041	309.69	0.12	2.5YR 3/1	dark reddish gray
39	NB071042	212.74	0.15	7.5YR 2.5/1	black
40	NB071043	22.00	0.76	10YR 4/2	dark garyish brown
41	NB071044	115.71	0.40	10YR 2/1	black
42	NB071045	189.27	0.17	7.5YR 2.5/1	black
43	NB071046	34.58	0.71	7.5YR 4/3	brown
44	NB071047	55.75	0.21	7.5YR 3/1	very dark gray
45	NB071048	26.66		10YR 3/2	very dark grayish brown
46	NB071049	66.12	0.37	10YR 3/2	very dark grayish brown
47	NB071050	23.56	0.72	10YR 4/2	dark grayish brown
48	NB071051	59.64	0.40	10YR 3/2	very dark grayish brown

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		unprocessed	unprocessed	unprocessed	unprocessed
49	NB071052	29.62	0.35	10YR 4/2	dark grayish brown
50	NB071054	32.98	0.53	10YR 4/2	dark grayish brown
51	NB071055	179.20	0.19	10YR 2/1	black
52	NB071056	216.12	0.13	10YR 2/1	black
53	NB072001	128.32	0.22	10YR 2/1	black
54	NB072002	87.22	0.33	7.5YR 2.5/1	black
55	NB072003	120.72	0.22	7.5YR 2.5/1	black
56	NB072004	138.45	0.20	7.5YR 2.5/1	black
57	NB072005	183.74	0.20	7.5YR 2.5/1	black
58	NB072006	57.65	0.54	10YR 2/2	very dark brown
59	NB072007	89.17	0.32	7.5YR 2.5/1	black
60	NB072009	257.62	0.16	7.5YR 2.5/1	black
61	NB072010	51.70	0.44	10YR 3/3	dark brown
62	NB072011	298.45	0.15	7.5YR 2.5/1	black
63	NB072012	245.57	0.16	7.5YR 2.5/1	black
64	NB072013	228.00	0.16	7.5YR 2.5/1	black
65	NB072014	101.69	0.36	10YR 2/1	black
66	NB072015	94.78	0.40	10YR 2/2	very dark brown
67	NB072016	236.45	0.11	7.5YR 2.5/1	black
68	NB072017	393.34	0.11	5YR 2.5/1	black
69	NB072018	354.88	0.10	5YR 2.5/1	black
70	NB072019	294.30	0.10	7.5YR 2.5/1	black
71	NB072020	178.07	0.14	7.5YR 2.5/2	very dark brown
72	NB072021	32.96	0.56	10YR 3/2	very dark grayish brown
73	NB072022	49.01	0.45	7.5YR 4/2	brown
74	NB072023	75.15	0.26	7.5YR 2.5/1	black
75	NB072024	73.41		10YR 3/1	very dark gray
76	NB072026	135.72	0.15	7.5YR 2.5/1	black
77	NB072027	179.13	0.12	10YR 3/1	very dark gray
78	NB072028	343.63	0.08	7.5YR 2.5/1	black
79	NB072029	288.79	0.12	10YR 2/1	black
80	NB072030	40.58	0.40	7.5YR 2.5/1	black
81	NB072031	83.17	0.15	7.5YR 2.5/1	black
82	NB072032	68.22	0.29	10YR 2/1	black
83	NB072033	116.91	0.09	10YR 3/2	very dark grayish brown
84	NB072034	169.41	0.16	7.5YR 2.5/1	black
85	NB072035	272.73	0.13	5YR 2.5/2	dark reddish brown
86	NB072036	71.75	0.26	10YR 2/2	very dark brown
87	NB072037	108.83	0.33	10YR 2/1	black
88	NB072038	285.79	0.10	7.5YR 2.5/1	black
89	NB072039	95.44	0.30	7.5YR 2.5/1	black
90	NB072040	99.20	0.26	7.5YR 2.5/1	black
91	NB072041	304.43	0.10	7.5YR 2.5/1	black
92	NB072042	155.52	0.08	7.5YR 2.5/1	black
93	NB072043	73.17	0.45	7.5YR 2.5/1	black
94	NB072044	47.98	0.45	10YR 3/2	very dark grayish brown
95	NB072045	76.45	0.22	7.5YR 2.5/2	very dark brown
96	NB072046	102.29	0.15	7.5YR 3/2	dark brown

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97	NB072047	131.23	0.18	5YR 2.5/1	black
98	NB072048	86.15	0.12	5YR 3/2	dark reddish brown
99	NB072050	51.49	0.45	10YR 3/2	very dark grayish brown
100	NB072051	68.96	0.16	7.5YR 2.5/2	very dark brown
101	NB072052	55.69	0.12	10YR 4/3	brown
102	NB072053	140.16	0.15	5YR 2.5/1	black
103	NB072054	34.56	0.39	10YR 3/1	very dark gray
104	NB072055	111.49	0.18	7.5YR 2.5/1	black
105	NB072056	210.80	0.09	10YR 2/2	very dark brown
106	NB072057	49.12	0.21	10YR 3/2	very dark grayish brown
107	NB072058	93.80	0.22	10YR 3/2	very dark grayish brown
108	NB072059	147.57	0.17	10YR 3/2	very dark grayish brown
109	NB072060	251.65	0.08	2.5YR 2.5/1	reddish black
110	NB072061	282.17	0.14	7.5YR 2.5/1	black
111	NB072062	149.51	0.24	10YR 3/2	very dark grayish brown
112	NB072063	244.78	0.14	7.5YR 2.5/1	black
113	NB072064	139.42	0.12	5YR 2.5/1	black
114	NB072065	72.31	0.18	5YR 3/1	very dark gray
115	NB072066	288.90	0.11	5YR 2.5/1	black
116	NS071001	297.45	0.08	10YR 2/1	black
117	NS071002				
118	NS071003				
119	NS071004				
120	NS071005				
121	NS071006				
122	NS071007				
123	NS071008				
124	NS071009	211.80		10YR 2/1	black
125	NS071010	38.20		7.5YR 3/2	dark brown
126	NS071011	42.42		7.5YR 4/3	brown
127	NS071012	43.44		7.5YR 2.5/3	very dark brown
128	NS071013	16.21		5YR 4/4	reddish brown
129	NS071014	44.89		7.5YR 3/3	dark brown
130	NS071015	64.11	0.60	10YR 3/2	very dark grayish brown
131	NS071016	73.88		5YR 3/3	dark reddish brown
132	NS071017				
133	NS071019	23.86		7.5YR 3/4	dark brown
134	NS071020				
135	NS071021	27.79	0.52	10YR 4/3	brown
136	NS071022				
137	NS071023				
138	NS071024				
139	NS071025				
140	NS071026				
141	NS071027	69.24		10YR 2/2	very dark brown
142	NS071028				
143	NS071029	55.63		10YR 3/3	dark brown
144	NS071030	87.53	0.46	10YR 3/2	very dark grayish brown

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		unprocessed	unprocessed	unprocessed	unprocessed
145	NS071031	57.05	0.83	7.5YR 2.5/2	very dark brown
146	NS071032	39.61		10YR 4/4	dark yellowish brown
147	NS071033				
148	NS071034	79.15		7.5YR 3/3	dark brown
149	NS071036	31.72		2.5Y 3/3	dark olive brown
150	NS071037	28.69	0.78	7.5YR 3/3	dark brown
151	NS071038	38.57	0.72	10YR 3/2	very dark grayish brown
152	NS071039	54.51		7.5YR 2.5/1	black
153	NS071040				
154	NS071041				
155	NS071042				
156	NS071043	24.77		10YR 3/3	dark brown
157	NS071044				
158	NS071045				
159	NS071046				
160	NS071047				
161	NS071048	31.39	0.90	10YR 3/2	very dark grayish brown
162	NS071049				
163	NS071050	45.70	0.58	10YR 3/2	very dark grayish brown
164	NS071052				
165	NS071053				
166	NS071054	41.19	0.68	10YR 3/4	dark yellowish brown
167	NS071055	24.15	0.58	10YR 2/2	very dark brown
168	NS071056	70.03	0.65	10YR 2/2	very dark brown
169	NS071057	34.38	0.97	7.5YR 3/3	dark brown
170	PE071001	28.56	1.35	7.5YR 4/4	brown
171	PE071002	63.64	0.44	7.5YR 3/3	dark brown
172	PE071003				
173	PE071004				
174	PE071005	99.28	0.32	7.5YR 3/2	dark brown
175	PE071006	67.09	0.23	7.5YR 3/3	dark brown
176	PE071007				
177	PE071008	12.72		7.5YR 4/6	strong brown
178	PE071009	34.43	0.50	7.5YR 3/1	very dark gray