

C-horizon
<2mm fraction

North American Soil Geochemical Landscapes
Gradistat - Soil Grain Size Analysis

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Particle Size (um)	NB071001	NB071002	NB071003	NB071004	NB071005	NB071007	NB071009	NB071010	NB071011	NB071012	NB071013	NB071014	NB071015	NB071016	NB071017	NB071018	NB071019	NB071020	NB071021	NB071022
1400	2.9	1.8	5.3	8.1	0.2	8.9	2.2	14.6	5.9	4.3	2.1	11.7	7.0	5.5	3.1	0.2	21.4	3.5		3.2
1000	3.6	2.0	4.7	8.0	0.5	9.3	2.6	16.9	5.4	4.7	2.0	11.6	7.7	5.7	3.3	0.1	16.8	3.8		3.6
710	4.0	2.4	4.5	7.5	0.8	8.7	3.2	15.9	4.5	5.3	3.0	12.5	8.0	5.8	3.1	0.1	10.4	3.9		3.7
500	4.8	2.9	4.8	6.9	0.9	8.1	3.8	13.3	4.2	4.9	5.3	13.4	7.8	5.7	3.2	0.2	6.0	4.7		3.7
355	4.9	3.2	5.5	6.3	0.9	7.1	4.3	9.1	3.8	4.5	6.8	12.4	7.0	5.4	2.8	0.2	3.8	4.8		3.5
250	4.9	3.7	6.1	5.8	1.5	5.7	4.9	7.2	3.6	4.6	8.8	9.0	6.4	5.4	2.8	0.3	3.2	5.1		3.5
180	4.4	3.4	5.4	4.7	2.1	4.4	4.3	4.4	3.1	4.0	8.0	4.7	4.7	5.0	2.5	0.5	2.1	4.3		3.2
125	4.8	3.8	5.1	5.1	3.5	4.1	4.7	2.8	3.6	4.3	7.2	2.8	4.5	5.5	2.9	0.9	1.6	4.5		3.7
90	5.6	4.7	5.2	6.3	7.1	4.2	5.5	2.2	4.5	5.3	7.1	2.1	5.1	6.6	3.8	1.6	1.4	4.9		5.3
63	6.2	5.5	5.1	6.9	10.5	4.1	6.4	2.2	5.2	6.5	6.5	2.0	6.2	7.4	5.0	2.1	1.5	5.4		6.9
44	4.2	4.4	3.1	5.9	18.7	4.2	4.7	1.5	4.6	4.8	4.0	1.9	5.7	7.9	5.4	5.7	1.7	3.7		7.9
31	4.1	4.7	3.2	5.0	14.0	4.2	4.7	1.3	5.4	5.2	3.7	1.9	5.1	7.2	6.7	8.1	1.9	4.5		8.5
16	8.5	10.8	7.7	8.3	18.1	8.9	9.2	2.7	10.5	10.2	6.9	4.1	8.9	12.6	13.5	20.4	5.8	10.8		17.0
8	10.3	13.6	10.9	5.8	9.4	7.5	9.9	2.3	9.5	9.9	6.9	3.7	6.5	7.7	12.5	21.3	7.0	12.0		12.0
4	12.7	15.6	12.6	4.8	6.8	6.6	11.9	2.1	11.2	11.2	8.9	3.5	5.4	4.8	14.0	21.1	8.1	13.2		8.5
2	9.6	11.1	7.8	3.2	3.8	3.2	9.3	1.2	9.5	7.5	7.8	2.1	3.0	1.8	10.3	12.6	5.3	8.2		4.2
1	4.0	4.9	2.5	1.2	1.2	0.8	4.8	0.4	4.7	2.7	4.0	0.6	1.0	0.2	4.4	3.9	1.7	2.5		1.6
	0.7	1.6	0.4	0.1	0.0	0.0	3.6	0.0	1.1	0.2	1.0	0.0	0.0	0.0	0.8	0.4	0.3	0.2		0.0
Total (%)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0

* For additional grain size statistical calculations, download the Gradistat software from the following web site:
<http://www.kpal.co.uk/gradistat.html>

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North American Soil Geochemical Landscapes
Gradistat - Soil Grain Size Analysis

	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Particle Size (um)	NB071023	NB071024	NB071025	NB071027	NB071028	NB071029	NB071030	NB071031	NB071032	NB071033	NB071034	NB071035	NB071036	NB071037	NB071038	NB071039	NB071040	NB071041	NB071042	NB071043
1400	2.8	3.8	0.2	7.3	4.0	4.1	3.1	13.8	5.6	0.6	1.1	3.4	0.9	2.6	3.3	1.2	12.4	2.6	3.9	6.0
1000	2.9	3.6	0.4	7.9	4.4	4.4	2.9	12.2	5.6	0.9	1.8	3.5	1.1	3.7	3.1	1.2	10.5	2.7	4.4	6.2
710	3.0	3.4	0.7	7.5	4.3	4.0	2.6	9.0	4.9	1.7	2.9	5.0	1.1	5.7	3.2	1.3	8.5	3.0	4.4	5.8
500	3.4	3.4	2.1	5.9	4.4	3.5	2.4	6.7	4.0	2.9	4.9	6.5	1.3	9.7	4.0	1.5	6.7	3.0	4.3	5.1
355	3.2	2.9	7.1	5.7	3.8	2.8	2.2	4.7	3.2	4.9	7.2	7.6	1.3	10.6	4.2	1.8	5.5	3.2	4.2	4.3
250	3.4	3.1	14.1	5.5	3.6	2.7	2.0	3.5	2.7	6.6	9.4	7.9	1.6	12.3	4.9	2.3	5.0	3.6	4.3	4.3
180	3.4	2.7	14.0	4.4	3.2	2.2	1.8	2.4	2.5	6.2	8.4	6.2	1.8	10.3	4.6	2.5	4.0	3.3	4.0	3.5
125	3.8	3.4	11.9	3.8	3.5	2.4	2.2	2.0	2.7	6.4	7.0	5.2	2.6	8.6	5.2	3.2	4.1	3.9	4.6	3.6
90	4.9	4.8	10.8	3.9	5.2	3.3	3.1	2.2	3.2	6.7	5.6	4.9	3.9	6.7	6.4	4.5	4.8	5.2	5.9	4.5
63	6.1	6.6	11.2	4.6	7.6	4.5	4.4	3.1	3.0	6.6	5.0	5.3	4.8	6.4	7.5	5.1	5.7	6.6	7.3	5.5
44	5.8	7.3	5.8	5.2	8.8	5.1	4.6	6.1	5.8	4.3	3.2	3.9	9.5	4.0	5.9	5.3	4.8	6.5	10.2	4.0
31	6.7	7.7	3.6	4.5	8.0	6.3	5.3	6.1	7.0	4.9	3.3	4.3	8.9	2.9	5.9	6.8	4.8	6.3	9.4	4.6
16	14.6	13.4	5.4	8.6	12.7	13.7	10.7	10.1	15.6	11.8	7.5	9.1	16.3	5.0	11.0	14.9	9.3	12.0	15.5	9.5
8	13.5	10.4	4.0	8.0	8.5	13.2	11.4	7.2	13.5	12.8	9.1	9.0	14.8	3.8	9.7	13.8	6.5	11.5	8.9	9.6
4	12.3	11.4	4.2	8.6	8.3	14.2	15.2	6.1	12.0	12.2	10.8	9.6	14.8	3.6	10.5	14.3	4.7	12.2	5.6	11.0
2	7.5	8.2	3.2	5.8	6.2	9.8	14.2	3.6	6.7	7.3	8.1	6.2	10.2	2.6	7.4	10.7	2.3	9.0	2.6	8.5
1	2.6	3.4	1.3	2.2	2.9	3.6	8.2	1.2	2.0	2.6	3.7	2.1	4.1	1.3	2.8	5.3	0.6	4.1	0.6	3.4
	0.2	0.6	0.1	0.4	0.6	0.3	3.6	0.0	0.0	0.5	1.0	0.2	0.8	0.3	0.3	4.1	0.0	1.1	0.0	0.6
Total (%)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

C-horizon
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North American Soil Geochemical Landscapes
Gradistat - Soil Grain Size Analysis

	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
Particle Size (um)	NB071044	NB071045	NB071046	NB071047	NB071048	NB071049	NB071050	NB071051	NB071052	NB071054	NB071055	NB071056	NB072001	NB072002	NB072003	NB072004	NB072005	NB072006	NB072007	NB072009
1400	5.1	9.5	0.9	2.1	0.6	2.3	6.4	5.5	4.5	3.6	5.6	2.9	1.8	1.8	3.2	3.8	6.6	4.7	1.8	6.0
1000	4.8	11.5	1.0	2.3	0.7	2.4	6.4	5.5	4.9	3.6	5.1	3.6	2.7	2.2	3.6	3.8	6.9	5.4	1.9	5.5
710	4.4	11.4	0.9	2.4	1.0	2.5	5.6	4.8	4.7	3.5	4.9	4.0	5.7	2.4	3.5	3.6	6.5	5.4	1.6	4.7
500	4.4	10.2	2.0	2.8	1.9	3.7	4.8	4.6	5.4	3.5	5.2	5.6	10.3	2.8	3.0	3.2	5.6	4.9	1.4	4.3
355	4.1	7.8	4.1	4.1	2.9	5.4	3.7	4.2	6.0	3.6	5.6	5.4	12.4	2.8	2.1	2.5	4.9	4.2	1.0	3.0
250	4.2	7.3	6.1	5.9	4.0	6.9	3.4	4.3	6.7	3.9	6.4	6.1	11.7	3.0	2.0	2.2	4.2	3.9	0.9	2.5
180	3.8	6.2	5.4	6.0	3.9	6.0	2.9	3.6	6.2	3.8	5.6	5.8	8.0	3.0	1.7	1.6	3.4	3.1	0.8	1.8
125	4.1	7.4	5.4	6.2	4.4	6.3	3.2	4.0	6.1	4.6	6.1	6.8	6.0	4.5	2.0	1.6	3.5	3.2	1.0	1.9
90	5.0	8.1	5.7	6.6	5.4	7.2	3.7	4.7	6.2	5.6	6.8	8.3	4.9	7.3	2.5	1.7	4.1	3.7	1.7	2.7
63	6.4	5.4	5.9	7.0	6.3	7.7	4.3	4.8	6.6	6.3	5.3	9.3	3.2	6.3	3.1	2.0	4.6	2.9	2.3	3.8
44	6.5	3.6	4.6	5.1	5.0	4.7	5.9	6.8	5.1	5.6	13.1	9.5	2.8	4.3	3.1	3.5	4.1	4.3	9.2	4.4
31	6.7	2.7	4.7	5.1	5.2	4.8	6.1	6.6	4.8	6.4	8.2	7.1	2.5	5.1	4.2	5.6	4.6	5.1	10.5	4.4
16	13.0	4.7	10.8	9.4	10.8	8.9	11.7	13.2	9.8	13.3	11.2	11.2	5.2	13.6	12.5	16.3	8.8	10.5	19.8	11.3
8	11.4	2.4	13.5	9.3	13.0	8.9	10.7	10.3	8.7	11.9	5.6	6.7	6.3	16.9	16.0	17.7	8.4	10.0	15.5	11.3
4	10.2	1.3	15.3	11.4	16.1	10.4	10.6	8.9	7.9	11.7	3.4	4.7	7.8	14.7	18.2	18.7	10.0	11.9	14.3	13.4
2	4.7	0.4	9.8	9.3	12.2	7.9	7.1	5.6	4.6	6.8	1.6	2.4	5.8	7.2	13.0	9.9	8.5	10.3	10.1	10.9
1	1.1	0.0	3.3	4.2	5.3	3.3	2.9	2.3	1.5	2.1	0.2	0.7	2.3	2.0	5.3	2.2	4.3	5.4	4.6	6.1
	0.0	0.0	0.6	1.1	1.3	0.6	0.6	0.3	0.1	0.2	0.0	0.0	0.4	0.0	0.9	0.0	1.0	1.3	1.3	1.8
Total (%)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

C-horizon
<2mm fraction

North American Soil Geochemical Landscapes
Gradistat - Soil Grain Size Analysis

	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Particle Size (um)	NB072010	NB072011	NB072012	NB072013	NB072014	NB072015	NB072016	NB072017	NB072018	NB072019	NB072020	NB072021	NB072022	NB072023	NB072024	NB072026	NB072027	NB072028	NB072029	NB072030
1400	3.1	3.7	6.3	14.6	7.3	5.3	26.4	5.3	9.3	4.4	23.1	0.5	0.5	0.5	2.4	2.5	1.0	5.2	2.1	6.0
1000	2.7	3.0	5.9	12.1	6.5	5.0	17.8	5.5	8.9	4.0	17.4	0.4	0.6	0.6	2.6	2.4	1.0	6.2	2.4	7.0
710	2.4	2.4	5.4	9.2	4.9	5.1	11.6	4.4	8.2	3.1	11.3	1.0	0.7	0.8	3.1	2.9	1.3	7.2	2.7	10.0
500	2.0	2.0	5.0	7.9	3.5	4.7	6.7	3.4	8.0	2.3	6.2	3.0	1.6	1.3	3.8	4.1	2.1	8.3	3.8	20.6
355	1.8	1.8	4.1	6.3	2.5	4.5	3.8	2.5	6.0	1.9	3.3	9.9	3.4	3.4	4.6	6.1	3.5	7.9	5.3	24.7
250	1.7	2.0	4.0	5.6	1.9	3.9	2.5	2.3	4.5	1.8	2.1	31.5	5.5	7.0	5.6	10.6	5.2	7.3	6.9	11.0
180	1.6	2.4	3.5	4.5	1.5	3.1	1.7	1.9	3.1	1.6	1.3	28.2	5.0	7.1	5.2	12.8	4.5	4.9	6.0	4.4
125	1.8	3.5	4.2	4.7	1.7	3.0	1.6	2.1	2.6	1.8	1.3	11.1	4.6	8.4	5.2	11.8	4.5	5.1	6.2	3.1
90	2.7	6.1	5.8	5.2	2.7	3.9	1.8	3.2	2.7	2.9	1.9	4.4	3.9	8.6	5.4	7.6	5.3	6.6	7.3	2.6
63	4.2	9.9	4.4	3.7	4.2	4.8	2.2	3.0	2.2	4.6	2.8	2.9	3.9	5.5	3.9	5.8	6.2	5.1	5.8	2.3
44	5.1	15.7	6.2	3.2	6.2	9.8	3.0	9.7	3.3	6.2	4.7	1.1	3.7	4.7	4.2	2.9	4.9	6.4	5.6	1.6
31	5.3	14.1	6.4	2.9	7.9	9.1	3.2	10.3	4.0	8.0	4.5	0.8	4.2	4.7	4.8	3.1	5.1	5.7	5.0	1.2
16	13.3	20.0	13.5	5.8	16.0	14.4	5.9	17.7	8.5	16.5	7.7	1.4	12.0	9.2	10.6	6.2	10.6	10.2	10.0	2.2
8	13.5	7.0	11.6	5.0	13.2	9.0	4.7	12.2	8.6	14.2	6.0	1.3	13.2	9.9	11.5	6.2	11.7	6.4	10.2	1.5
4	16.2	3.8	9.4	4.9	11.7	7.5	4.1	9.5	10.2	13.7	4.5	1.3	15.4	12.4	13.4	7.0	13.8	4.7	10.5	1.1
2	13.5	2.1	4.0	3.2	6.3	5.0	2.2	5.1	7.2	9.0	1.7	0.9	11.9	9.9	9.6	5.4	11.2	2.2	7.1	0.5
1	7.4	0.6	0.6	1.0	2.0	1.9	0.7	1.8	2.4	3.6	0.3	0.3	5.9	4.6	3.5	2.3	5.9	0.4	2.7	0.1
	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.0	0.0	4.0	1.2	0.6	0.4	2.4	0.0	0.5	0.0
Total (%)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

C-horizon
<2mm fraction

North American Soil Geochemical Landscapes
Gradistat - Soil Grain Size Analysis

	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Particle Size (um)	NB072031	NB072032	NB072033	NB072034	NB072035	NB072036	NB072037	NB072038	NB072039	NB072040	NB072041	NB072042	NB072043	NB072044	NB072045	NB072046	NB072047	NB072048	NB072050	NB072051
1400	2.9	1.7	1.7	5.9	7.1	19.6	4.2	10.3	6.0	7.5	12.5	3.6	4.7	1.1	0.8	0.6	0.9	1.4	0.6	1.4
1000	3.5	1.6	2.2	5.6	6.8	18.0	3.7	9.1	6.4	6.5	9.2	3.4	5.2	0.9	1.4	1.0	1.3	1.6	0.9	1.7
710	4.6	2.1	3.1	5.2	5.6	13.9	3.2	6.5	5.5	5.4	4.8	3.0	5.2	0.7	2.3	1.4	1.8	2.7	1.6	2.1
500	8.2	3.6	5.3	4.6	4.7	9.9	2.6	4.0	5.4	4.1	2.1	2.9	5.1	2.4	4.4	3.0	3.7	4.6	3.2	3.0
355	17.8	6.5	7.7	4.0	4.2	6.2	1.9	2.8	3.7	3.2	1.3	2.9	4.7	7.1	8.5	5.8	6.4	6.5	5.4	4.1
250	22.8	8.3	9.5	3.9	3.9	4.5	1.5	2.3	3.3	2.8	1.0	3.1	4.6	12.4	13.6	7.8	8.3	8.1	7.4	5.5
180	10.1	7.4	7.3	3.5	3.4	2.9	1.2	2.1	2.7	2.3	1.3	3.2	3.8	10.8	12.1	7.7	7.3	6.9	5.9	5.4
125	4.9	6.7	6.2	3.9	3.6	2.4	1.2	2.8	3.3	2.7	2.3	3.9	4.1	10.4	9.7	7.3	6.7	6.2	5.0	5.4
90	3.9	6.2	5.7	4.9	4.1	2.2	1.7	4.2	5.1	3.6	3.1	5.5	4.9	12.4	8.0	7.0	6.6	6.0	4.7	5.1
63	3.1	6.4	5.6	5.6	3.2	2.1	1.5	5.3	6.7	4.2	2.5	6.6	5.7	9.7	7.2	4.9	6.3	5.9	3.3	3.5
44	3.1	3.9	2.8	6.1	6.0	2.0	5.2	10.6	6.7	8.6	5.7	6.6	5.7	5.8	1.8	4.9	3.6	3.5	3.2	3.5
31	2.3	3.6	2.9	6.0	6.1	2.0	7.3	8.2	6.6	8.6	6.4	6.8	6.0	3.7	0.1	5.3	3.3	3.3	3.9	4.2
16	4.0	7.4	6.7	11.3	11.5	4.1	17.5	12.7	12.8	15.4	13.4	13.3	12.3	7.0	3.2	9.6	8.3	8.3	9.3	10.2
8	3.1	8.9	8.3	10.2	10.0	3.7	16.7	8.4	10.4	10.9	12.3	11.8	10.4	5.8	9.8	9.6	9.1	8.7	11.7	12.1
4	3.0	11.4	10.5	11.0	10.9	3.7	17.1	6.3	9.4	8.7	11.8	12.4	9.2	5.4	9.9	10.0	11.3	11.0	14.4	14.8
2	1.9	9.1	8.5	6.7	7.0	2.2	10.4	3.3	4.8	4.4	7.5	8.0	5.9	3.3	5.4	7.8	9.0	9.2	11.4	11.5
1	0.6	4.2	4.2	1.8	2.1	0.5	3.1	0.9	1.1	1.1	2.5	2.7	2.2	1.1	1.5	4.0	4.4	4.7	5.6	5.1
	0.0	1.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.2	0.0	0.1	2.3	1.8	1.5	2.5	1.3
Total (%)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

C-horizon
<2mm fraction

North American Soil Geochemical Landscapes
Gradistat - Soil Grain Size Analysis

	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
Particle Size (um)	NB072052	NB072053	NB072054	NB072055	NB072056	NB072057	NB072058	NB072059	NB072060	NB072061	NB072062	NB072063	NB072064	NB072065	NB072066	NS071001	NS071002	NS071003	NS071004	NS071005
1400	1.5	7.2	2.5	9.3	8.8	8.2	2.2	6.6	6.6	5.9	4.5	4.8	3.6	5.1	5.4	1.9	11.2	3.8	1.6	1.3
1000	1.5	6.8	2.6	8.7	9.2	7.8	2.4	6.3	7.1	6.1	4.8	4.9	3.8	4.2	6.2	1.7	7.9	3.4	1.7	1.3
710	1.8	6.7	2.6	7.3	8.3	6.2	2.4	5.5	6.5	5.4	4.7	4.8	3.9	4.3	6.3	1.6	5.7	3.2	1.7	1.2
500	2.8	6.5	2.8	5.6	6.9	5.6	2.2	4.7	5.9	4.3	4.9	4.6	4.8	5.0	7.1	1.9	4.5	3.6	1.9	1.2
355	4.2	6.0	2.8	4.1	5.4	4.4	1.9	4.4	4.5	3.5	4.6	4.6	5.4	6.5	6.4	3.0	4.0	3.9	2.2	1.3
250	5.7	6.3	3.1	4.0	4.5	3.9	1.6	4.5	4.1	3.0	4.8	4.6	6.5	8.5	6.2	5.1	4.8	4.7	2.8	2.0
180	5.5	5.4	2.8	3.8	3.3	3.4	1.3	4.3	3.5	2.8	4.7	4.6	6.0	9.0	5.4	5.7	4.6	4.7	3.3	2.4
125	5.5	5.0	3.4	4.6	3.3	3.8	1.3	5.2	4.4	3.7	5.4	5.3	6.1	9.9	6.1	6.2	5.7	5.4	4.6	3.3
90	5.8	5.6	4.2	6.6	3.8	4.7	1.7	6.6	6.3	5.5	7.8	6.5	6.3	9.2	7.7	6.5	7.3	6.8	6.7	5.1
63	6.1	6.9	4.8	8.7	3.2	3.7	2.2	7.9	8.0	5.0	9.7	7.5	4.6	8.3	8.2	4.7	8.2	7.7	6.0	6.4
44	4.2	6.3	3.8	8.4	3.1	7.6	2.8	8.6	7.1	5.1	8.0	6.7	3.5	4.3	3.5	5.4	3.9	5.3	6.3	5.5
31	4.8	6.3	4.6	6.8	3.7	7.8	4.1	7.1	6.1	6.2	7.3	7.8	4.2	3.5	4.0	5.1	4.1	5.2	6.2	5.6
16	10.8	12.3	11.4	10.4	8.2	12.3	11.1	12.4	10.8	16.5	12.9	16.8	10.0	6.6	7.7	9.9	7.8	9.9	14.1	11.8
8	11.7	7.0	14.4	5.5	8.6	8.6	13.2	7.3	8.0	15.2	7.9	10.2	10.6	6.1	7.0	10.8	6.8	9.8	15.5	14.6
4	13.2	3.8	16.7	3.9	10.3	7.1	18.1	5.3	6.9	9.4	5.2	5.0	11.1	5.7	7.0	12.7	7.1	10.8	14.1	16.6
2	9.6	1.5	11.8	2.0	7.0	3.9	17.0	2.6	3.5	2.4	2.2	1.3	7.0	2.9	4.4	9.6	4.8	7.9	7.9	11.4
1	4.2	0.3	4.9	0.4	2.2	0.9	9.5	0.5	0.8	0.0	0.4	0.0	2.4	0.7	1.3	4.8	1.6	3.4	2.8	5.3
	1.0	0.0	0.9	0.0	0.2	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	3.5	0.2	0.7	0.6	3.8
Total (%)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

C-horizon
<2mm fraction

North American Soil Geochemical Landscapes
Gradistat - Soil Grain Size Analysis

	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140
Particle Size (um)	NS071006	NS071007	NS071008	NS071009	NS071010	NS071011	NS071012	NS071013	NS071014	NS071015	NS071016	NS071017	NS071019	NS071020	NS071021	NS071022	NS071023	NS071024	NS071025	NS071026
1400	0.6	3.1		5.8	0.9	1.2	5.0	5.4	2.5	3.7	0.9	9.3	10.5	6.2	5.4	6.9	3.0	1.6	2.7	
1000	0.8	3.3		5.0	1.4	1.5	5.5	5.1	2.5	5.2	0.8	8.8	10.2	7.0	6.0	7.4	3.2	1.4	2.8	
710	1.0	3.2		4.7	1.5	1.8	6.5	4.1	2.5	6.2	0.7	7.3	10.0	7.0	6.3	7.7	3.6	1.2	3.1	
500	1.7	3.0		5.5	2.3	2.3	6.8	3.4	2.8	6.6	0.7	6.2	9.6	8.7	7.0	7.9	3.9	1.2	3.8	
355	2.4	2.3		6.3	2.4	3.0	7.0	2.8	2.9	6.4	0.6	4.9	7.7	8.4	6.5	6.3	4.3	1.2	4.8	
250	3.5	2.1		11.6	3.5	3.8	7.6	2.5	3.4	6.2	0.6	4.6	6.7	8.0	7.2	5.5	4.9	1.6	6.4	
180	4.3	1.9		13.3	4.0	3.2	7.2	2.4	3.7	5.7	0.5	4.0	4.8	7.0	6.8	4.0	4.8	2.1	6.1	
125	6.1	2.5		11.7	5.3	3.0	8.1	2.9	4.9	6.2	0.5	4.4	4.8	7.2	7.8	3.8	5.7	2.9	6.5	
90	8.8	3.8		9.9	7.2	3.8	9.4	4.9	7.1	7.5	0.6	5.3	5.7	8.3	9.3	4.4	7.7	3.7	7.5	
63	9.4	4.7		6.3	7.8	4.3	10.3	7.3	8.6	8.3	0.5	6.3	6.8	6.5	9.4	3.7	8.6	4.1	8.7	
44	6.3	2.4		5.6	5.3	12.6	5.4	5.8	6.7	6.3	3.2	5.0	4.8	5.6	5.5	6.7	6.6	3.4	6.4	
31	5.1	3.5		3.3	4.6	12.4	4.2	6.1	6.6	5.0	4.6	4.6	3.7	4.2	3.9	7.0	5.4	4.3	5.3	
16	10.1	14.8		5.1	9.3	18.3	7.6	12.3	12.3	8.9	13.2	9.0	6.7	7.9	7.1	12.7	9.6	11.3	9.0	
8	11.9	22.1		2.7	11.6	13.0	5.0	11.8	11.5	6.9	15.3	7.7	4.2	4.6	5.2	7.9	8.7	15.8	7.5	
4	12.4	18.8		2.0	14.5	9.5	3.3	11.4	11.6	6.1	19.3	7.2	2.7	2.5	4.2	5.4	9.2	20.7	8.4	
2	8.6	7.6		0.9	11.3	5.0	1.2	8.1	7.6	3.6	19.6	4.1	1.1	0.8	1.9	2.2	7.0	15.4	6.7	
1	4.1	0.8		0.1	5.0	1.4	0.1	3.2	2.7	1.2	12.6	1.3	0.2	0.0	0.3	0.4	3.3	6.2	3.3	
	2.8	0.0		0.0	2.1	0.0	0.0	0.5	0.3	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.7	2.0	0.8	
Total (%)	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

C-horizon
<2mm fraction

North American Soil Geochemical Landscapes
Gradistat - Soil Grain Size Analysis

	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160
Particle Size (um)	NS071027	NS071028	NS071029	NS071030	NS071031	NS071032	NS071033	NS071034	NS071036	NS071037	NS071038	NS071039	NS071040	NS071041	NS071042	NS071043	NS071044	NS071045	NS071046	NS071047
1400	4.7	5.0	9.7	6.6	1.7	3.1	3.5	0.5	8.1	6.2	0.8	3.7	2.9	8.4	4.1	6.0	3.1	5.2	2.9	2.1
1000	5.1	5.0	9.2	6.2	1.6	3.2	3.6	0.6	8.4	5.9	0.9	4.3	3.1	8.6	4.2	6.7	3.3	5.9	3.1	2.1
710	5.3	5.2	8.3	6.2	1.5	3.1	3.5	0.8	8.3	4.8	0.8	4.3	3.0	9.8	4.1	7.4	2.8	5.9	3.0	2.6
500	5.0	5.3	7.0	5.7	1.5	3.1	4.2	1.0	7.3	3.7	0.8	4.0	3.3	10.5	4.5	7.4	2.3	5.5	2.9	3.0
355	4.6	4.9	5.9	5.1	1.6	3.1	4.0	1.1	5.8	2.8	1.5	3.2	2.8	7.2	4.8	6.6	2.3	4.9	3.0	3.1
250	4.5	4.6	5.1	5.0	1.8	3.4	4.5	1.1	5.0	2.6	3.1	3.1	2.6	4.4	5.1	6.5	2.7	5.0	3.6	3.8
180	4.2	3.7	4.1	4.3	1.9	3.5	4.5	0.9	3.7	2.3	4.4	2.4	2.2	3.0	4.7	5.4	3.1	5.5	4.1	4.2
125	4.5	4.5	4.4	4.7	2.3	4.3	5.3	0.9	3.5	2.7	5.5	2.7	2.4	3.4	5.6	5.7	3.9	8.0	6.1	5.6
90	5.2	6.6	5.4	5.4	3.5	5.4	7.0	1.2	4.0	3.3	6.8	3.4	3.3	5.2	7.4	6.3	6.0	12.0	9.6	8.6
63	4.3	8.9	4.5	6.1	4.8	4.8	8.3	1.1	4.7	4.1	5.7	2.6	4.2	7.0	6.3	4.5	7.9	12.5	8.6	11.6
44	5.3	7.7	5.1	4.7	4.7	6.7	6.2	4.5	5.5	5.1	8.2	4.2	2.6	6.5	4.6	4.6	6.2	8.3	10.5	10.0
31	5.6	7.0	4.6	4.9	5.6	7.4	6.1	7.2	5.1	7.0	7.7	5.7	3.0	5.5	5.0	4.2	7.8	5.6	9.8	9.1
16	11.1	11.9	8.6	9.8	12.7	16.7	12.7	19.9	8.8	15.5	14.9	13.3	7.9	8.9	10.9	8.7	20.2	9.0	18.4	16.6
8	10.4	8.0	6.8	8.7	14.5	15.8	11.2	19.8	7.7	13.0	13.5	13.2	14.5	5.8	11.5	7.6	16.3	4.4	9.4	10.2
4	10.7	6.6	6.3	8.7	16.5	11.8	9.7	20.1	8.0	12.0	12.4	14.5	21.8	4.0	10.9	6.7	9.5	2.0	4.0	5.7
2	7.0	3.8	3.9	5.8	12.5	4.2	4.6	13.2	4.9	7.0	8.6	10.5	14.8	1.7	5.2	4.0	2.6	0.4	0.9	1.6
1	2.4	1.4	1.2	2.1	6.3	0.6	1.0	5.2	1.2	2.1	3.8	4.1	4.8	0.2	1.1	1.5	0.0	0.0	0.0	0.0
	0.2	0.0	0.0	0.2	5.1	0.0	0.0	0.9	0.0	0.0	0.7	0.7	0.8	0.0	0.0	0.2	0.0	0.0	0.0	0.0
Total (%)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

C-horizon
<2mm fraction

North American Soil Geochemical Landscapes
Gradistat - Soil Grain Size Analysis

	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178
Particle Size (um)	NS071048	NS071049	NS071050	NS071052	NS071053	NS071054	NS071055	NS071056	NS071057	PE071001	PE071002	PE071003	PE071004	PE071005	PE071006	PE071007	PE071008	PE071009
1400	5.3	5.2	4.9	4.1	1.9	4.4	14.8	0.6	1.3	1.4	1.1	0.7	0.8	0.9	0.2	0.1	0.6	1.1
1000	5.5	5.2	5.0	4.6	1.9	4.6	12.6	0.8	1.4	1.2	1.2	0.9	1.0	1.0	0.3	0.1	0.5	0.8
710	5.6	4.7	5.4	4.3	2.1	4.5	10.1	0.9	1.7	1.1	1.0	1.0	1.8	1.4	0.3	0.1	0.6	0.8
500	6.2	4.7	5.2	4.1	2.3	5.0	7.8	1.2	2.0	1.2	1.2	1.8	4.5	2.4	0.7	0.4	0.8	1.4
355	6.4	4.3	5.1	3.7	2.6	4.3	5.4	1.4	2.0	2.2	1.9	3.9	8.3	5.5	2.4	2.0	1.9	3.2
250	6.9	4.9	5.3	3.3	3.2	4.1	4.3	1.7	2.5	5.1	4.5	8.6	12.1	9.9	6.9	5.9	6.2	6.5
180	6.1	5.0	4.5	2.8	3.3	3.3	3.3	2.2	2.8	8.9	7.8	10.5	9.7	10.2	9.4	8.2	11.1	7.0
125	6.4	6.0	4.9	3.0	4.2	3.4	3.7	3.6	3.9	12.4	11.5	10.8	8.6	9.9	10.0	9.2	15.6	7.4
90	7.5	6.6	6.8	3.4	6.4	4.2	5.1	6.7	7.3	12.8	12.8	9.6	7.5	8.9	9.5	8.7	15.1	7.7
63	5.9	7.0	8.9	2.6	7.6	4.9	6.6	6.3	8.7	11.2	11.9	8.6	6.7	8.0	8.8	7.9	11.2	7.7
44	5.6	4.1	6.6	3.8	4.7	2.9	6.7	9.1	5.5	6.9	6.5	4.3	2.7	3.4	3.9	4.9	5.0	4.5
31	5.6	4.9	6.2	4.6	5.1	4.1	4.5	8.9	5.4	5.0	4.7	3.2	2.6	2.9	4.1	4.9	3.2	5.0
16	12.5	11.8	11.7	12.0	11.8	13.3	7.1	17.2	12.1	8.8	8.6	6.6	6.2	6.7	9.2	10.4	6.1	11.4
8	9.0	12.7	9.3	14.8	13.2	16.2	4.1	15.2	14.0	8.8	9.8	9.4	9.1	9.8	10.5	11.6	6.5	12.1
4	4.6	9.3	7.3	16.2	15.0	13.2	2.6	13.8	14.9	7.9	9.5	10.6	10.0	10.7	11.3	12.5	7.5	12.4
2	0.9	3.2	2.7	9.7	10.6	6.1	1.1	8.1	9.9	3.8	4.8	6.6	5.8	6.1	7.7	8.5	5.4	7.8
1	0.0	0.4	0.2	2.9	3.7	1.6	0.1	2.4	3.9	1.1	1.3	2.4	1.9	1.9	3.1	3.4	2.2	2.8
	0.0	0.0	0.0	0.3	0.6	0.0	0.0	0.0	0.8	0.0	0.0	0.5	0.6	0.4	1.7	1.2	0.6	0.5
Total (%)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0