

Highly Erodible Soil Map Unit List - CARLTON COUNTY, MN

C=.09

R=110

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musym	muname	HELC	T	K	I	slope_%	slope_l	LS
12C	Emmert gravelly fine sandy loam, 1 to 12 percent slopes	PHEL	2	0.17	0	6	80	0.60
12E	Emmert gravelly fine sandy loam, 12 to 25 percent slopes	HEL	2	0.17	0	18	80	3.00
21	Ahmeek loam, 0 to 2 percent slopes	NHEL	3	0.37	56	1	80	0.12
21C	Ahmeek loam, 2 to 12 percent slopes	PHEL	3	0.37	56	6	80	0.60
21E	Ahmeek loam, 12 to 25 percent slopes	HEL	3	0.37	56	18	80	3.00
22	Allendale loamy fine sand	NHEL	4	0.17	134	1	80	0.12
43	Automba fine sandy loam, 0 to 2 percent slopes	NHEL	4	0.28	86	1	80	0.12
43B	Automba fine sandy loam, 2 to 6 percent slopes	NHEL	4	0.28	86	4	80	0.37
147	Spooner silt loam	NHEL	5	0.37	56	1	100	0.13
186	Nemadji fine sand	NHEL	5	0.17	220	1	80	0.12
188	Omega loamy sand, 0 to 2 percent slopes	NHEL	5	0.17	134	1	80	0.12
188C	Omega loamy sand, 2 to 12 percent slopes	NHEL	5	0.17	134	6	80	0.60
188E	Omega loamy sand, 12 to 25 percent slopes	PHEL	5	0.17	134	18	80	3.00
204	Cushing fine sandy loam	NHEL	5	0.20	86	1	80	0.12
254	Hibbing silt loam, 0 to 2 percent slopes	NHEL	3	0.32	48	1	80	0.12
254C	Hibbing silt loam, 2 to 12 percent slopes	PHEL	3	0.32	48	6	80	0.60
268	Cromwell sandy loam, 0 to 2 percent slopes	NHEL	3	0.20	86	1	80	0.12
268B	Cromwell sandy loam, 2 to 6 percent slopes	NHEL	3	0.20	86	4	80	0.37
274	Newson mucky loamy sand	NHEL	5	0.17	134	0.5	80	0.09
292	Alstad fine sandy loam	NHEL	5	0.24	86	1	80	0.12
303	Ontonagon silty clay, 0 to 2 percent slopes	NHEL	3	0.28	86	1	100	0.13
303C	Ontonagon silty clay, 2 to 12 percent slopes	PHEL	3	0.28	86	6	100	0.67
303E	Ontonagon silty clay, 12 to 25 percent slopes	HEL	3	0.28	86	18	100	3.50
305	Bergland clay	NHEL	5	0.28	86	0.5	100	0.09
337	Warman mucky loam	NHEL	4	0.24	56	0.5	80	0.09
355	Cloquet fine sandy loam, 0 to 2 percent slopes	NHEL	3	0.24	86	1	80	0.12
355C	Cloquet fine sandy loam, 2 to 12 percent slopes	PHEL	3	0.24	86	6	80	0.60
355E	Cloquet fine sandy loam, 12 to 25 percent slopes	HEL	3	0.24	86	18	80	3.00
367	Campia silt loam, 0 to 2 percent slopes	NHEL	5	0.37	56	1	100	0.13
367C	Campia silt loam, 2 to 12 percent slopes	PHEL	5	0.37	56	6	100	0.67
367E	Campia silt loam, 12 to 25 percent slopes	HEL	5	0.37	56	18	100	3.50
502	Dusler silt loam	NHEL	5	0.37	48	1	80	0.12

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musym	muname	HELC	T	K	I	slope_%	slope_l	LS
504	Duluth very fine sandy loam, 0 to 2 percent slopes	NHEL	5	0.37	86	1	80	0.12
504C	Duluth very fine sandy loam, 2 to 12 percent slopes	PHEL	5	0.37	86	6	80	0.60
504E	Duluth very fine sandy loam, 12 to 25 percent slopes	HEL	5	0.37	86	18	80	3.00
504G	Duluth very fine sandy loam, 25 to 35 percent slopes	HEL	5	0.37	86	30	80	7.00
530	Greenwood mucky peat	NHEL	5	0.00	56	0.2	80	0.08
531	Beseman muck	NHEL	2	0.00	134	0.2	80	0.08
533	Loxley muck	NHEL	3	0.00	134	0.2	80	0.08
534	Mooselake mucky peat	NHEL	3	0.00	56	0.2	80	0.08
535	Merwin mucky peat	NHEL	2	0.00	56	0.2	80	0.08
536	Dawson muck	NHEL	2	0.00	134	0.2	80	0.08
537	Lobo peat	NHEL	3	0.00	0	0.2	80	0.08
538	Waskish peat	NHEL	3	0.00	0	0.2	80	0.08
549	Greenwood peat	NHEL	5	0.00	38	0.2	80	0.08
975	Ahmeek-Omega complex, 0 to 2 percent slopes	NHEL	3	0.37	56	1	80	0.12
975C	Ahmeek-Omega complex, 2 to 12 percent slopes	PHEL	3	0.37	56	6	80	0.60
975E	Ahmeek-Omega complex, 12 to 25 percent slopes	HEL	3	0.37	56	18	80	3.00
976C	Campia-Ontonagon complex, 2 to 12 percent slopes	PHEL	3	0.28	86	6	100	0.67
977G	Cloquet-Emmert complex, 25 to 60 percent slopes	HEL	3	0.24	86	40	80	11.00
980	Blackhoof and Mahtowa soils	NHEL	5	0.28	48	0.2	80	0.08
990	Twig and Parent soils	NHEL	4	0.32	38	0.2	80	0.08
1005	Fluvaquents	NHEL	5	0.28	56	1	80	0.12
1020	Udorthents	HEL	-	-	-	40	300	22.00
1073	Borofolists	PHEL	-	-	-	6	80	0.60
1074	Borosaprists	NHEL	-	-	-	0.2	80	0.09
C4A	Cebana-Giese, frequently ponded-Ronneby complex, 0 to 3 percent slopes, stony	NHEL						
C9B	Mora-Ronneby complex, 1 to 4 percent slopes, stony	NHEL						
C28A	Cathro-Twig, stony complex, 0 to 1 percent slopes, frequently ponded	NHEL						
C71C	Milaca-Mora complex, 1 to 7 percent slopes, stony	NHEL						
C72D	Milaca-Millward complex, 2 to 20 percent slopes, stony	PHEL	3	0.37	56	6	80	0.60
C73C	Milaca loam, 1 to 7 percent slopes, stony	NHEL						
C75A	Seelyeville, occasionally ponded-Cathro, frequently ponded, complex, 0 to 1 percent	NHEL						
C101A	Greenwood mucky peat, 0 to 1 percent slopes	NHEL						

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C104A	Cathro, frequently ponded-Seelyville, occasionally ponded-Greenwood complex, 0	NHEL						
C158	Rifle mucky peat, 0 to 1 percent slopes, occasionally ponded	NHEL						
C211	Bowstring muck and Fluvaquents, loamy, 0 to 2 percent slopes, frequently flooded	NHEL						
DAM		NHEL						
V166	Mora fine sandy loam, wet	NHEL	4	0.24	86	1	80	0.12
V292	Alstad variant loam	NHEL	5	0.32	134	1	80	0.12
V337	Warman fine sandy loam	NHEL	4	0.24	86	0.5	80	0.09
W	Water	NHEL						