

HIGHLY ERODIBLE SOIL MAP UNIT LIST FOR RENVILLE COUNTY, MN
C = .18, R = 120

This data is only to be used for HEL determinations. This is the "frozen data" based on 01/01/1990 information. Values other than "HEL" should only be used for PHEL.

musym	muname	HEL	T	K	I	slope %	slope_l	LS
27A	DICKINSON LOAM, 0 TO 2 PERCENT SLOPES	NHEL	4	0.20	56	1.0	100	0.13
27B	DICKINSON LOAM, 2 TO 6 PERCENT SLOPES	NHEL	4	0.20	56	4.0	125	0.43
35	Blue Earth mucky silt loam, 0 to 1 percent slopes	NHEL	5	0.28	86	0.5	100	0.10
39A	WADENA LOAM, 0 TO 2 PERCENT SLOPES	NHEL	4	0.24	48	2.0	100	0.20
39B	WADENA LOAM, 2 TO 6 PERCENT SLOPES	NHEL	4	0.24	48	4.0	125	0.43
85	Calco silty clay loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.28	86	1.0	150	0.15
86	Canisteo clay loam, 0 to 2 percent slopes	NHEL	5	0.24	86	1.0	100	0.13
94C	TERRIL LOAM, 6 TO 12 PERCENT SLOPES	PHEL	5	0.24	48	10.0	150	1.68
102B	CLARION LOAM, 2 TO 6 PERCENT SLOPES	NHEL	5	0.24	48	4.0	125	0.43
112	Harps clay loam, 0 to 2 percent slopes	NHEL	5	0.24	86	1.0	100	0.13
118	Crippin loam, moderately fine substratum, 1 to 3 percent slopes	NHEL	5	0.24	86	1.0	100	0.13
128C2	Grogan silt loam, 6 to 15 percent slopes, eroded	PHEL	5	0.32	56	4.0	150	0.47
156	Fairhaven silt loam, 0 to 2 percent slopes	NHEL	4	0.32	48	1.0	200	0.16
227	Lemond loam, 0 to 2 percent slopes	NHEL	4	0.24	86	1.0	150	0.15

247	Linder loam, 0 to 2 percent slopes	NHEL	4	0.24	56	1.0	150	0.15
255	Mayer loam, 0 to 2 percent slopes	NHEL	4	0.24	86	1.0	160	0.15
282	Hanska loam, 0 to 2 percent slopes	NHEL	4	0.28	56	1.0	150	0.15
318	MAYER CLAY LOAM, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	NHEL	4	0.24	86	1.0	50	0.11
327A	DICKMAN SANDY LOAM, 0 TO 2 PERCENT SLOPES	NHEL	3	0.20	86	1.0	200	0.16
327B	DICKMAN SANDY LOAM, 2 TO 6 PERCENT SLOPES	NHEL	3	0.20	86	4.0	150	0.47
327C	DICKMAN SANDY LOAM, 6 TO 12 PERCENT SLOPES	PHEL	3	0.20	86	9.0	125	1.31
336	Delft clay loam, 0 to 2 percent slopes	NHEL	5	0.24	48	2.0	100	0.20
386	Okoboji mucky silty clay loam, depressional, 0 to 1 percent slopes	NHEL	5	0.32	48	0.5	100	0.10
392	Biscay clay loam, 0 to 2 percent slopes	NHEL	4	0.28	48	2.0	150	0.23
423	Seaforth loam, 1 to 3 percent slopes	NHEL	5	0.28	86	2.0	100	0.20
463A	Minneiska silt loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.28	86	1.0	150	0.15
463B	MINNEISKA LOAM, 1 TO 4 PERCENT SLOPES, RARELY FLOODED	NHEL	5	0.28	86	2.5	150	0.26
446	Normania loam, 1 to 3 percent slopes	NHEL	5	0.24	48	2.0	125	0.21
519	Klossner muck, depressional, calcareous, 0 to 1 percent slopes	NHEL	5		134	0.5	100	0.10
525	Muskego soils, 0 to 1 percent slopes	NHEL	4		134	0.5	100	0.10
574	Du Page loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.28	48	1.0	150	0.15

575	Nishna silty clay, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.37	86	1.0	100	0.10
595F	Belview Loam, 22 TO 40 PERCENT SLOPES	HEL	5	0.28	86	35.0	125	11.50
610	Calco silty clay loam, 0 to 1 percent slopes, frequently flooded	NHEL	5	0.28	86	1.0	100	0.13
770C2	Ves-Terril complex, 6 to 15 percent slopes, eroded	PHEL	5	0.24	48	12.0	125	2.02
810	CORIFF-FIELDON COMPLEX, 0 TO 2 PERCENT SLOPES	NHEL	5	0.28	86	1.0	100	0.13
817	Canistee-Seaforth complex, 0 to 3 percent slopes	NHEL	5	0.28	86	1.0	100	0.13
875C	HAWICK-ESTHERVILLE COMPLEX, 6 TO 12 PERCENT SLOPES	PHEL	3	0.20	86	9.0	125	1.31
887B	CLARION-SWANLAKE COMPLEX, 2 TO 6 PERCENT SLOPES	NHEL	5	0.28	86	4.0	150	0.47
899	Harps-Okoboji complex, 0 to 2 percent slopes	NHEL	5	0.32	86	1.0	100	0.13
920B	CLARION-STORDEN-HAWICK COMPLEX, 2 TO 6 PERCENT SLOPES	NHEL	5	0.24	48	4.0	125	0.43
927	Harps-Glencoe-Seaforth complex, 0 to 3 percent slopes	NHEL	5	0.28	86	1.0	100	0.13
954C2	VES-STORDEN COMPLEX, 6 TO 10 PERCENT SLOPES, ERODED	PHEL	5	0.28	86	9.0	150	1.44
960D2	Omsrud-Storden COMPLEX, 10 TO 16 PERCENT SLOPES, ERODED	HEL	5	0.28	86	14.0	125	2.56
960F	Belview-Omsrud Complex 22 TO 40 PERCENT SLOPES	HEL	5	0.28	86	14.0	125	2.56
978	Cordova-Rolfe complex, 0 to 2 percent slopes	NHEL	5	0.28	48	1.0	100	0.13
999C2	VES-STORDEN-HAWICK COMPLEX, 6 TO 12 PERCENT SLOPES, ERODED	PHEL	5	0.28	86	9.0	150	1.44
1030	UDORTHENTS-PITS, GRAVEL COMPLEX	NHEL	5	0.10	134	10.0	25	0.69

1080	Klossner, Okoboji, and Glencoe soils, ponded, 0 to 1 percent slopes	NHEL	5	0.37		0.5	100	0.10
1100	NICOLLET SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES	NHEL	5	0.28	86	1.0	100	0.13
1205	LEEN-OKOBOJI, DEPRESSIONAL, COMPLEX, 0 TO 1 PERCENT SLOPES	NHEL	5	0.32	86	0.5	100	0.10
1242F	SWANLAKE-TERRIL COMPLEX, 18 TO 50 PERCENT SLOPES	HEL	5	0.28	86	35.0	125	11.50
1261B	BECHYN LOAM, 2 TO 6 PERCENT SLOPES	NHEL	5	0.28	56	4.0	125	0.43
1262	SEAFORTH SILT LOAM, 1 TO 3 PERCENT SLOPES	NHEL	5	0.28	86	2.0	100	0.20
1267	CEDARROCK SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY	NHEL	4	0.28	86	1.0	150	0.15
1268	HANLON LOAM, 1 TO 3 PERCENT SLOPES, RARELY FLOODED	NHEL	5	0.28	48	1.0	150	0.15
1269	LOWLEIN SILT LOAM, 0 TO 2 PERCENT SLOPES	NHEL	5	0.28	56	1.0	100	0.13
1270D	BECHYN-ROCK OUTCROP COMPLEX, 0 TO 40 PERCENT SLOPES	HEL	2	0.28	56	20.0	100	4.00
1285	CHETOMBA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	NHEL	5	0.28	38	1.0	100	0.13
1286	PRINSBURG SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	NHEL	5	0.28	86	1.0	100	0.13
1287	CALCO SILTY CLAY LOAM, PONDED, 0 TO 1 PERCENT SLOPES, FREQUE	NHEL	5	0.28	86	1.0	100	0.13
1355B	Amiret-Swanlake loams, 2 to 6 percent slopes	NHEL	5	0.24	86	4.0	125	0.43
1369A	CROOKSFORD SILT LOAM, 1 TO 3 PERCENT SLOPES	NHEL	5	0.28	48	2.0	150	0.23
1369B	Crooksford silt loam, 3 to 5 percent slopes	NHEL	5	0.28	48	4.0	200	0.53
1370B	Amiret loam, 2 to 6 percent slopes	NHEL	5	0.24	48	4.0	200	0.53

1371B	CROOKSFORD-SWANLAKE COMPLEX, 3 TO 6 PERCENT SLOPES	NHEL	5	0.28	48	4.0	200	0.53
1373C	Clarion-Storden-Pilot Grove Complex, 6 TO 10 PERCENT SLOPES, EROD	PHEL	5	0.28	86	9.0	150	1.44
1374	HAVELOCK CLAY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLO	NHEL	5	0.28	86	1.0	150	0.15
1375D	STORDEN-VES COMPLEX, 10 TO 16 PERCENT SLOPES, ERODED	HEL	5	0.28	86	14.0	125	2.56
1376C	Clarion-Storden complex, 6 to 10 percent slopes, moderately eroded	PHEL	5	0.28	48	9.0	150	1.44
1392B	GROGAN SILT LOAM, MODERATELY WET, 1 TO 4 PERCENT SLOPES	NHEL	5	0.32	56	4.0	150	0.47
1382	LOURIS SILT LOAM, 1 TO 3 PERCENT SLOPES	NHEL	5	0.28	86	2.0	100	0.20
1386B	AMIRET-SWANLAKE-HAWICK COMPLEX, 2 TO 6 PERCENT SLOPES	NHEL	5	0.28	86	4.0	150	0.47
1388B	Terril loam, 2 to 6 percent slopes	NHEL	5	0.28	48	5.0	150	0.66
1389	HAVELOCK SILT LOAM LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY I	NHEL	5	0.28	86	1.0	100	0.13
1390	LEEN SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	NHEL	5	0.28	86	1.0	100	0.13
1802	Calcousta-Okoboji complex, depressional, 0 to 1 percent slopes	NHEL	5	0.28	86	1.0	100	0.13
1833	Coland clay loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.24	48	1.0	150	0.15
1834	Coland clay loam, 0 to 2 percent slopes, frequently flooded	NHEL	5	0.24	48	1.0	100	0.13
1845A	ESTHERVILLE LOAM, 0 TO 2 PERCENT SLOPES	NHEL	3	0.20	56	2.0	100	0.20
1845B	Estherville sandy loam, 2 to 6 percent slopes	NHEL	3	0.20	56	4.0	125	0.43
1900	Okoboji-Canisteo depressional complex, 0 to 1 percent slopes	NHEL	5	0.37	48	1.0	100	0.13

1917	Nishna silty clay loam, 0 to 1 percent slopes, frequently flooded	NHEL	5	0.37	86	1.0	100	0.13
1958	Danube silty clay, 0 to 2 percent slopes	NHEL	5	0.32	48	1.0	200	0.16
1999	Minneiska-Rushriver complex, 0 to 2 percent slopes, frequently flooded	NHEL	5	0.20	86	1.0	100	0.13
L33A	KANDIYOHI CLAY, 0 TO 2 PERCENT SLOPES	NHEL	5	0.28	86	4.0	125	0.43
L33B	KANDIYOHI CLAY 2 TO 5 PERCENT SLOPES	NHEL	5	0.28	86	1.0	150	0.15
L34A	COSMOS SILTY CLAY, 0 TO 2 PERCENT SLOPES	NHEL	5	0.28	86	1.0	100	0.13
L83A	WEBSTER CLAY LOAM, 0 TO 2 PERCENT SLOPES	NHEL	5	0.28	86	1.0	100	0.13
L85A	NICOLLET CLAY LOAM, 1 TO 3 PERCENT SLOPES	NHEL	5	0.28	86	1.0	100	0.13
L107A	Canisteo-Glencoe complex, 0 to 2 percent slopes	NHEL	5	0.28	86	1.0	100	0.13
L13A	Klossner muck, 0 to 1 percent slopes	NHEL	5		134	1.0	100	0.13
L163A	Okoboji silty clay loam, 0 to 1 percent slopes	NHEL	5	0.32	86	0.5	100	0.10
L164A	LURA SILTY CLAY, DEPRESSIONAL, FIRM SUBSTRATUM, 0 TO 1 PERCENT SLOPES	NHEL	5	0.32	86	0.5	100	0.10
L166C2	NEWLONDON-STROUT COMPLEX, 6 TO 12 PERCENT SLOPES, MODERATE TO STEEP SLOPES	PHEL	5	0.28	86	9.0	125	1.31
L179A	CORVUSO-LURA, DEPRESSIONAL, FIRM SUBSTRATUM COMPLEX, 0 TO 1 PERCENT SLOPES	NHEL	5	0.28	86	1.0	100	0.13
L184A	CORVUSO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	NHEL	5	0.28	86	1.0	100	0.13
L185B	STROUT-ARKTON COMPLEX, 2 TO 6 PERCENT SLOPES	NHEL	5	0.28	86	4.0	125	0.43
L187A	Klossner and Lura soils, ponded, firm substratum, 0 to 1 percent slopes	NHEL	5	0.32	86	0.5	100	0.10

L192A	OKOBOJI MUCKY SILTY CLAY LOAM, DEPRESSIONAL, FIRM SUBSTRATU	NHEL	5	0.32	86	0.5	100	0.10
L200A	KLOSSNER MUCK, DEPRESSIONAL, FIRM SUBSTRATUM, 0 TO 1 PERCEI	NHEL	4		134	5.0	100	0.54
L201A	Normania loam, 1 to 3 percent slopes	NHEL	4		134	5.0	100	0.54
L204C2	NEWLONDON-STROUT-HAWICK COMPLEX, 6 TO 12 PERCENT SLOPES,	PHL	5	0.28	86	9.0	125	1.31
L206B	STROUT-ARKTON-ESTHERVILLE COMPLEX, 2 TO 6 PERCENT SLOPES	NHEL	5	0.28	86	4.0	125	0.43
M-W	Water, miscellaneous							
W	Water							