

HIGHLY ERODIBLE SOIL MAP UNIT LIST FOR BROWN COUNTY, MN
C = .15, R = 130

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
8B	Sparta loamy sand, 2 to 6 percent slopes	NHEL	5	0.17	134	4.0	175	0.50
8C	Sparta loamy sand, 6 to 15 percent slopes	NHEL	5	0.17	134	10.0	150	1.68
27A	Dickinson sandy loam, 0 to 2 percent slopes	NHEL	4	0.20	86	1.0	175	0.15
27B	Dickinson sandy loam, 2 to 6 percent slopes	NHEL	4	0.20	86	4.0	150	0.47
31E	Belview loam, 16 to 30 percent slopes	HEL	5	0.28	86	21.0	150	6.00
31F	Belview loam, 22 to 40 percent slopes	HEL	5	0.28	86	40.0	150	15.00
327A	Dickman sandy loam, 0 to 2 percent slopes	NHEL	3	0.20	86	1.0	175	0.15
327B	Dickman sandy loam, 2 to 6 percent slopes	NHEL	3	0.20	86	4.0	200	0.53
35	Blue Earth mucky silt loam, 0 to 1 percent slopes	NHEL	5	0.28	86	0.5	100	0.09
41A	Estherville sandy loam, 0 to 2 percent slopes	NHEL	3	0.20	86	1.0	150	0.14
41B	Estherville sandy loam, 2 to 6 percent slopes	NHEL	3	0.20	86	4.0	175	0.50
85	Calco silty clay loam	NHEL	5	0.28	86	1.0	150	0.14
86	Canisteo clay loam	NHEL	5	0.24	86	1.0	100	0.13
94B	Terril loam, 2 to 6 percent slopes	NHEL	5	0.24	48	4.0	175	0.50

94C	Terril loam, 6 to 12 percent slopes	PHEL	5	0.24	48	9.0	175	1.55
102B	Clarion loam, 2 to 6 percent slopes	NHEL	5	0.24	48	3.0	200	0.35
102B2	Clarion loam, 2 to 6 percent slopes, moderately eroded	NHEL	5	0.24	48	4.5	150	0.51
128B	Grogan silt loam, 1 to 6 percent slopes	NHEL	5	0.32	56	3.5	200	0.44
136	Madelia silty clay loam, 0 to 2 percent slopes	NHEL	5	0.28	38	1.0	100	0.12
140	Spicer silty clay loam, 0 to 2 percent slopes	NHEL	5	0.28	86	1.0	150	0.14
227	Lemond loam, 0 to 2 percent slopes	NHEL	4	0.24	86	1.0	150	0.14
247	Linder sandy loam	NHEL	4	0.20	86	1.0	125	0.13
269	Millington clay loam	NHEL	5	0.28	86	1.0	150	0.14
281	Darfur loam	NHEL	5	0.20	56	1.0	100	0.12
282	Hanska sandy loam	NHEL	4	0.28	86	1.0	150	0.14
313	Spillville loam	NHEL	5	0.24	48	1.0	150	0.14
317	Oshawa silty clay loam	NHEL	5	0.28	0	0.5	100	0.10
336	Delft clay loam, 0 to 2 percent slopes	NHEL	5	0.24	48	2.0	100	0.20
386	Okoboji muck	NHEL	5	0.32	48	0.5	100	0.09
421B	Amiret loam, 2 to 6 percent slopes	NHEL	5	0.24	48	2.5	200	0.30
423	Seaforth loam, 1 to 3 percent slopes	NHEL	5	0.28	86	2.0	100	0.20

463	Minneiska sandy loam	NHEL	5	0.20	86	1.0	150	0.14
487	Hoopeston sandy loam	NHEL	4	0.20	86	1.0	125	0.13
495	Zumbro loamy sand	NHEL	5	0.17	134	1.0	100	0.13
499	Hanska loam, depressional	NHEL	4	0.24	56	0.5	100	0.09
518	Kalmarville sandy loam	NHEL	5	0.20	86	1.0	100	0.13
574	Du Page loam	NHEL	5	0.28	48	1.0	100	0.12
575	Nishna silty clay	NHEL	5	0.37	86	1.0	100	0.12
603	Hanlon sandy loam	NHEL	5	0.20	86	1.0	150	0.14
611B	Hawick coarse sandy loam, 2 to 6 percent slopes	NHEL	5	0.17	86	4.0	175	0.50
611C	Hawick coarse sandy loam, 6 to 12 percent slopes	PHEL	5	0.17	86	11.0	150	1.93
639	Ridgeport sandy loam	NHEL	4	0.20	86	1.0	150	0.14
820B	Dickman-Clarion complex, 2 to 6 percent slopes	NHEL	3	0.20	86	4.0	175	0.50
919	Lemond-Canisteo complex	NHEL	4	0.24	86	1.0	150	0.14
920B	Clarion-Estherville-Storden complex, 2 to 6 percent slopes	NHEL	3	0.20	86	4.0	175	0.50
920C	Clarion-Estherville-Storden complex, 6 to 10 percent slopes	PHEL	3	0.20	86	9.0	150	1.44
921B2	Clarion-Storden loams, 2 to 6 percent slopes, eroded	NHEL	5	0.28	48	4.5	125	0.51
921C2	Clarion-Storden complex, 6 to 10 percent slopes, moderately eroded	PHEL	5	0.28	48	9.0	150	1.44

923E	Copaston-Rock outcrop complex, 0 to 40 percent slopes	HEL	2	0.28	56	20.0	125	4.50
929	Fieldon-Canisteo complex	NHEL	4	0.28	86	1.0	100	0.12
946	Dickman-Nicollet complex	NHEL	3	0.20	86	2.0	100	0.20
954C2	Ves-Storden loams, 6 to 10 percent slopes, eroded	PHEL	5	0.28	48	9.0	150	1.44
954D2	Storden-Ves loams, 10 to 16 percent slopes, eroded	HEL	5	0.28	86	15.0	150	3.13
960D2	Omsrud-Storden loams, 10 to 16 percent slopes, eroded	HEL	5	0.28	86	15.0	150	3.13
968	Hanska-Webster complex	NHEL	5	0.24	86	1.0	150	0.14
999B	Ves-Storden-Estherville complex, 2 to 6 percent slopes	NHEL	5	0.28	48	4.0	150	0.47
999C	Ves-Storden-Estherville complex, 6 to 12 percent slopes	PHEL	5	0.28	86	9.0	125	1.31
999D	Storden-Ves-Hawick complex, 12 to 18 percent slopes	HEL	5	0.28	86	15.0	150	3.13
999F	Storden-Hawick complex, 18 to 50 percent slopes	HEL	5	0.28	86	35.0	150	12.50
1016	Udorthents, loamy	NHEL	5	0.28	86	2.0	100	0.20
1027	Udorthents, wet substratum	NHEL	5	0.28	86	1.0	100	0.13
1029	Pits, gravel	NHEL	5	0.10	134	10.0	25	0.68
1052	Klossner, Okoboji, and Glencoe soils, ponded, 0 to 1 percent slopes	NHEL	5	0.00	134	0.5	100	0.09
1052	Okoboji and Palms soils, ponded	NHEL	5	0.37	0	0.5	100	0.09
1356	Water, miscellaneous							

1829B	Ridgeport variant loam, 0 to 6 percent slopes	NHEL	3	0.20	86	3.0	175	0.34
1829C	Ridgeport variant loam, 6 to 15 percent slopes	PHEL	3	0.20	86	11.0	125	1.77
1833	Coland clay loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.24	48	1.0	150	0.14
1887	Millington clay loam, sandy substratum	NHEL	5	0.28	86	1.0	150	0.14
1909	Lemond loam, depressional	NHEL	4	0.24	86	1.0	100	0.12
1911F	Storden-Ridgeport variant loams, 15 to 50 percent slopes	HEL	5	0.28	86	30.0	200	11.00
1912	Tilfer variant clay loam	NHEL	4	0.24	86	1.0	100	0.12
1917	Nishna silty clay, ponded	NHEL	5	0.37	86	1.0	100	0.12
1919F	Clarion-Terril loams, 25 to 50 percent slopes	HEL	5	0.24	48	35.0	200	14.50
1928	Hanska loam, 0 to 2 percent slopes	NHEL	4	0.28	56	1.0	100	0.12
1929	Lemond loam, gravelly substratum	NHEL	4	0.24	86	1.0	100	0.12
1930	Dickman sandy loam, moderately wet	NHEL	3	0.20	86	1.0	200	0.15
1931	Essexville sandy loam	NHEL	5	0.20	86	1.0	200	0.15
L13A	Klossner muck, 0 to 1 percent slopes	NHEL	5	0.00	134	0.5	100	0.09
L83A	Webster clay loam, 0 to 2 percent slopes	NHEL	5	0.24	48	1.0	100	0.12
L84A	Glencoe clay loam, 0 to 1 percent slopes	NHEL	5	0.28	48	0.5	100	0.09
L85A	Nicollet clay loam, 1 to 3 percent slopes	NHEL	5	0.24	48	2.0	125	0.21

L163A	Okoboji silty clay loam, 0 to 1 percent slopes	NHEL	5	0.32	86	0.5	100	0.09
L201A	Normania loam, 1 to 3 percent slopes	NHEL	5	0.24	48	2.0	125	0.21
L223B	Amiret-Swanlake loams, 2 to 6 percent slopes	NHEL	5	0.24	48	4.5	200	0.64
W	Water							
