

HIGHLY ERODIBLE SOIL MAP UNIT LIST FOR REDWOOD 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.

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27A	Dickinson fine sandy loam, 0 to 2 percent slopes	NHEL	4	0.20	86	1.0	200	0.16
27B	Dickinson fine sandy loam, 2 to 6 percent slopes	NHEL	4	0.20	86	4.0	175	0.50
31E	Belview loam, 16 to 30 percent slopes	HEL	5	0.28	86	22.0	100	4.80
31F	Belview loam, 22 to 40 percent slopes	HEL	5	0.28	86	33.0	100	9.50
39A	Wadena loam, 0 to 2 percent slopes	NHEL	4	0.24	48	1.0	200	0.16
39B	Wadena loam, 2 to 6 percent slopes	NHEL	4	0.24	48	4.0	175	0.50
41A	Estherville sandy loam, 0 to 2 percent slopes	NHEL	3	0.20	86	1.0	200	0.16
41B	Estherville sandy loam, 2 to 6 percent slopes	NHEL	3	0.20	86	4.0	175	0.50
42C	Hawick gravelly sandy loam, 6 to 12 percent slopes	NHEL	3	0.10	0	7.0	150	1.00
42E	Hawick gravelly sandy loam, 20 to 40 percent slopes	HEL	3	0.10	0	24.0	100	5.60
86	Canisteo clay loam, 0 to 2 percent slopes	NHEL	5	0.24	86	1.0	200	0.16
94B	Terril loam, 2 to 6 percent slopes	NHEL	5	0.24	48	4.0	150	0.50
94C	Terril loam, 6 to 12 percent slopes	PHEL	5	0.24	48	9.0	150	1.40
128A	Grogan loam, 0 to 2 percent slopes	NHEL	5	0.32	56	1.0	200	0.16

128B	Grogan loam, 2 to 6 percent slopes	NHEL	5	0.32	56	4.0	175	0.50
227	Lemond loam, 0 to 2 percent slopes	NHEL	4	0.24	86	1.0	200	0.16
247	Linder loam	NHEL	4	0.24	56	1.0	200	0.16
255	Mayer loam, 0 to 2 percent slopes	NHEL	4	0.24	86	1.0	200	0.16
282	Hanska fine sandy loam	NHEL	4	0.28	86	1.0	200	0.16
313	Spillville loam, occasionally flooded	NHEL	5	0.24	48	1.0	200	0.16
317	Oshawa silty clay loam	NHEL	5	0.28	0	1.0	200	0.16
321	Tilfer clay loam	NHEL	4	0.28	86	1.0	200	0.16
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	175	0.50
392	Biscay clay loam, 0 to 2 percent slopes	NHEL	4	0.28	48	1.0	200	0.16
399	Biscay clay loam, depressional, 0 to 1 percent slopes	NHEL	4	0.28	48	1.0	200	0.16
421B	Amiret loam, 2 to 6 percent slopes	NHEL	5	0.24	48	3.0	175	0.34
423	Seaforth loam, 1 to 3 percent slopes	NHEL	5	0.24	86	2.0	200	0.16
562	Knoke silty clay loam, 0 to 1 percent slopes	NHEL	5	0.32	86	1.0	200	0.16
574	Du Page loam	NHEL	5	0.28	48	1.0	200	0.16
575	Nishna clay loam	NHEL	5	0.37	86	1.0	200	0.16

654	Revere clay loam	NHEL	5	0.24	86	1.0	200	0.16
818	Lemond-Linder-Estherville complex	NHEL	3	0.20	86	1.0	200	0.16
884	Webster-Delft complex 0 to 2 percent slopes	NHEL	5	0.24	48	2.0	200	0.25
954C2	Storden-Ves complex 6 to 10 percent slopes, eroded	PHEL	5	0.28	86	9.0	150	1.40
954D2	Storden-Ves complex 10 to 16 percent slopes, eroded	HEL	5	0.28	86	15.0	100	2.50
992E	Rock outcrop-Copaston complex, 2 to 40 percent slopes	PHEL	2	0.28	86	21.0	100	4.40
999B2	Ves-Estherville-Storden complex, 3 to 6 percent slopes, eroded	NHEL	3	0.20	86	5.0	175	0.71
999C2	Storden-Estherville-Ves loams, 6 to 12 percent slopes, eroded	PHEL	3	0.20	56	9.0	150	1.40
999D2	Storden-Estherville-Ves complex, 12 to 18 percent slopes, eroded	HEL	3	0.20	86	15.0	100	2.50
1003B	Udorthents, (cut, and Fill land), 0 to 6 percent slopes							
1016	Udorthents, loamy							
1024A	Havelock clay loam, 0 to 2 percent slopes. occasionally flooded	NHEL	5	0.24	48	1.0	200	0.16
1029	Pits, gravel							
1053	Aquolls, ponded							
1056A	Spillville loam, channeled, 0 to 2 percent slopes. frequently flooded	NHEL	5	0.24	48	1.0	200	0.16
1833	Coland clay loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.24	48	1.0	200	0.16
1834	Coland clay loam, frequently flooded	NHEL	5	0.24	48	1.0	200	0.16

1850	Oshawa variant stony clay loam	NHEL	5	0.28	0	1.0	200	0.16
1851B	Blue Earth mucky clay loam, sloping	NHEL	5	0.28	0	2.0	200	0.25
1852F	Terril-Swanlake loams, 25 to 70 percent slopes	HEL	5	0.28	86	48.0	100	17.00
1853A	Wadena variant loam, 0 to 2 percent slopes	NHEL	4	0.24	48	1.0	200	0.16
1853B	Wadena variant loam, 2 to 6 percent slopes	NHEL	4	0.24	48	4.0	175	0.50
1897	Seaforth-Wilmington clay loams	NHEL	5	0.24	86	1.0	200	0.16
1899B	Wilmington variant loam, 2 to 12 percent slopes	NHEL	3	0.32	48	7.0	150	1.00
1899E	Wilmington variant sandy clay loam, 12 to 40 percent slopes	HEL	3	0.32	56	26.0	100	6.40
L83A	Webster clay loam, 0 to 2 percent slopes	NHEL	5	0.24	48	1.0	200	0.16
L84A	Glencoe clay loam, 0 to 1 percent slopes	NHEL	5	0.28	38	1.0	200	0.16
L141A	Spillville loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.24	48	1.0	200	0.16
L142A	Jeffers clay loam, 0 to 2 percent slopes	NHEL	5	0.24	48	1.0	200	0.16
L149A	Romnell clay loam, 0 to 3 percent slopes	NHEL	5	0.28	48	2.0	200	0.16
L163A	Okoboji silty clay loam, 0 to 1 percent slopes	NHEL	5	0.32	86	1.0	200	0.16
L172D2	Storden, firm till-Annton complex, 12 to 18 percent slopes, moderately eroded	HEL	5	0.28	86	15.0	100	2.50
L173A	Moines clay loam, 1 to 3 percent slopes	NHEL	5	0.24	48	3.0	175	0.34
L198A	North Twin-Walnut grove complex, 0 to 2 percent slopes	NHEL	5	0.24	48	1.0	200	0.16

L198B	North Twin-Walnut grove complex, 1 to 4 percent slopes	NHEL	5	0.24	48	3.0	175	0.34
L201A	Normania loam, 0 to 3 percent slopes	NHEL	5	0.24	48	1.0	200	0.16
L202A	Pell Creek-Romnell complex, 0 to 2 percent slopes	NHEL	5	0.24	48	2.0	200	0.25
L207E	Belview-Ridgeton complex, 18 to 25 percent slopes, firm till substratum	HEL	5	0.28	86	22.0	100	4.80
L207F	Belview-Ridgeton complex, 18 to 40 percent slopes, firm till substratum	HEL	5	0.28	86	33.0	100	9.50
L214A	Calco-Du Page complex, 0 to 2 percent slopes, frequently flooded	NHEL	5	0.24	48	1.0	200	0.16
L221A	Du Page loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.28	48	1.0	200	0.16
L223B	Amiret-Swanlake loams, 2 to 6 percent slopes	NHEL	5	0.24	48	5.0	175	0.71
1834	Coland clay loam, 0 to 2 percent slopes, frequently flooded	NHEL	5	0.24	48	1.0	200	0.16
L225B	Annton-North Twin complex, 3 to 6 percent slopes	NHEL	5	0.28	86	5.0	175	0.71
L226C2	Annton-Storden, firm till complex, 6 to 12 percent slopes, moderately eroded	PHEL	5	0.28	86	9.0	150	1.40
L229A	Romnell silty clay loam, depressional, 0 to 1 percent slopes	NHEL	5	0.24	48	1.0	200	0.16
L241B	Dickinson fine sandy loam, firm till substratum, 1 to 6 percent slopes	NHEL	4	0.20	86	4.0	175	0.50
L242B	Terril loam, firm till substratum, 2 to 6 percent slopes	NHEL	5	0.24	48	4.0	150	0.50
L243A	Havelock-Zumbro complex, 0 to 3 percent slopes, frequently flooded	NHEL	5	0.24	48	1.0	200	0.16
L244A	Du Page-Zumbro complex, 0 to 3 percent slopes, occasionally flooded	NHEL	5	0.28	48	1.0	200	0.16

L247A	Moines-Walnut grove complex, 1 to 3 percent slopes	NHEL	5	0.24	48	3.0	175	0.34
L248B	Annton-Swanlake, firm till complex, 3 to 6 percent slopes	NHEL	5	0.28	48	5.0	175	0.71
L250A	Lowlein loam, firm till, 1 to 3 percent slopes	NHEL	5	0.24	48	3.0	175	0.34
L252A	Mayer clay loam, firm till substratum, 0 to 2 percent slopes	NHEL	4	0.24	86	1.0	200	0.16
L253B	Dickinson fine sandy loam, terrace, 1 to 6 percent slopes	NHEL	4	0.20	86	4.0	175	0.50
GP	Pits, gravel-Udipsamments complex							
M-W	Water, miscellaneous							
W	Water							