

Highly Erodible Soil Map Unit List - Pennington County, MN

C = .25

R = 70

This data is only to be used for HELC determinations. This is the "frozen data" based on 01/01/1990 information.

Values other than "HELIC" should only be used for PHEL.

musym	muname	HELIC	T	K	I
I1A	Augsburg loam, 0 to 2 percent slopes	NHEL	4	0.3	86
B211A	Berner and Cathro soils, ponded, des moines, 0 to 1 percent slopes	NHEL	5	0.0	134
I71A	Berner and Cathro soils, ponded, mlra 56, 0 to 1 percent slopes	NHEL	5	0.0	134
I3A	Berner muck, 0 to 1 percent slopes	NHEL	5	0.0	134
B205A	Berner muck, depressional, des moines, 0 to 1 percent slopes	NHEL	5	0.0	134
I4A	Berner, Rosewood, and Strathcona soils, seepy, 0 to 2 percent slopes	NHEL	5	0.0	134
I73A	Boash clay loam, 0 to 2 percent slopes	NHEL	5	0.3	86
I5A	Borup loam, 0 to 2 percent slopes	NHEL	4	0.3	86
B109A	Bowstring and Fluvaquents soils, des moines, 0 to 2 percent slopes, frequently flooded	NHEL	5	0.0	134
I7A	Bowstring-Fluvaquents complex, 0 to 2 percent slopes, frequently flooded	NHEL	5	0.0	134
I8A	Cathro muck, 0 to 1 percent slopes	NHEL	5	0.0	134
B202A	Cathro muck, depressional, des moines, 0 to 1 percent slopes	NHEL	5	0.0	134
B201A	Chilgren fine sandy loam, des moines, 0 to 2 percent slopes	NHEL	5	0.3	56
I9A	Clearwater clay, 0 to 2 percent slopes	NHEL	5	0.3	86
I11A	Deerwood muck, 0 to 1 percent slopes	HEL	3	0.0	134
I12A	Eckvoll loamy fine sand, 0 to 3 percent slopes	NHEL	5	0.2	134
B210A	Eckvoll loamy fine sand, des moines, 0 to 3 percent slopes	NHEL	5	0.2	134
I13A	Espelie fine sandy loam, 0 to 2 percent slopes	NHEL	4	0.2	86
I15A	Flaming loamy fine sand, 0 to 3 percent slopes	NHEL	5	0.2	134
I16F	Fluvaquents, frequently flooded-Hapludolls complex, 0 to 30 percent slopes	NHEL	5	0.3	56
I17A	Foldahl fine sandy loam, 0 to 3 percent slopes	NHEL	5	0.2	86
I18A	Foldahl loamy fine sand, 0 to 3 percent slopes	NHEL	5	0.2	134
I19A	Foxhome sandy loam, 0 to 3 percent slopes	NHEL	3	0.2	86
I20A	Foxlake loam, 0 to 2 percent slopes	NHEL	5	0.3	86
B200A	Garnes fine sandy loam, des moines, 0 to 3 percent slopes	NHEL	5	0.3	86
I22A	Glyndon loam, 0 to 2 percent slopes	NHEL	5	0.3	86
I24A	Grimstad fine sandy loam, 0 to 3 percent slopes	NHEL	5	0.2	86
B208A	Grygla loamy fine sand, des moines, 0 to 2 percent slopes	NHEL	5	0.2	86
I25A	Hamar loamy fine sand, 0 to 2 percent slopes	NHEL	5	0.2	134
I26A	Hamerly loam, 0 to 2 percent slopes	NHEL	5	0.3	86
I27A	Hamre muck, 0 to 1 percent slopes	NHEL	5	0.0	134
B206A	Hamre muck, depressional, des moines, 0 to 1 percent slopes	NHEL	5	0.0	134
I32A	Hilaire fine sandy loam, 0 to 3 percent slopes	NHEL	4	0.2	86
I34A	Huot fine sandy loam, 0 to 3 percent slopes	NHEL	4	0.2	86
I36A	Kittson loam, 0 to 3 percent slopes	NHEL	5	0.2	56
I690A	Kittson loam, wet, 0 to 3 percent slopes	NHEL	5	0.2	56

I38A	Kratka fine sandy loam, 0 to 2 percent slopes	NHEL	5	0.2	86
I39A	Linveldt fine sandy loam, 0 to 3 percent slopes	NHEL	5	0.3	86
I41A	Markey muck, 0 to 1 percent slopes	HEL	4	0.0	134
I42A	Markey muck, ponded, 0 to 1 percent slopes	NHEL	4	0.0	134
I43A	Mavie fine sandy loam, 0 to 2 percent slopes	NHEL	3	0.2	86
IM-W	Miscellaneous water	NHEL			
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I44A	Newfolden loam, 0 to 3 percent slopes	NHEL	5	0.3	86
I45A	Northwood muck, 0 to 1 percent slopes	NHEL	5	0.0	134
B203A	Northwood muck, depressional, des moines, 0 to 1 percent slopes	NHEL	5	0.0	134
B207A	Pelan sandy loam, des moines, 0 to 3 percent slopes	NHEL	3	0.2	86
I72A	Pelan sandy loam, mlra 56, 0 to 3 percent slopes	NHEL	3	0.2	86
I46A	Pits, gravel and sand	NHEL			
IGp	Pits, gravel and sand	NHEL			
I47A	Poppleton fine sand, 0 to 2 percent slopes	HEL	5	0.2	250
I48A	Radium loamy sand, 0 to 3 percent slopes	NHEL	5	0.2	134
I75A	Radium-Sandberg-Garborg complex, 0 to 3 percent slopes	NHEL	5	0.2	134
I50A	Reiner fine sandy loam, 0 to 3 percent slopes	NHEL	5	0.2	86
I51A	Reiner loamy fine sand, 0 to 3 percent slopes	NHEL	5	0.2	134
I52A	Reis-Clearwater complex, 0 to 2 percent slopes	NHEL	5	0.3	86
I53A	Roliss loam, 0 to 2 percent slopes	NHEL	5	0.3	86
I54A	Roliss loam, depressional, 0 to 1 percent slopes	NHEL	5	0.3	86
B204A	Roliss loam, des moines, 0 to 2 percent slopes	NHEL	5	0.3	86
I55A	Rosewood fine sandy loam, 0 to 2 percent slopes	NHEL	3	0.2	86
I57B	Sandberg-Radium complex, 1 to 6 percent slopes	NHEL	5	0.2	134
I58A	Seelyeville muck, 0 to 1 percent slopes	NHEL	5	0.0	134
B209A	Seelyeville muck, depressional, des moines, 0 to 1 percent slopes	NHEL	5	0.0	134
I59A	Smiley loam, 0 to 2 percent slopes	NHEL	5	0.2	56
I60A	Smiley mucky loam, depressional, 0 to 1 percent slopes	NHEL	5	0.2	56
I61A	Strandquist loam, 0 to 2 percent slopes	NHEL	3	0.3	56
I70A	Strathcona fine sandy loam, 0 to 2 percent slopes	NHEL	5	0.2	86
I62A	Syrene sandy loam, 0 to 2 percent slopes	NHEL	3	0.2	86
I63A	Thiefriver fine sandy loam, 0 to 2 percent slopes	NHEL	3	0.2	86
I64A	Ulen fine sandy loam, 0 to 3 percent slopes	NHEL	5	0.2	86
I65A	Ulen loamy fine sand, 0 to 3 percent slopes	NHEL	5	0.2	134
I457A	Urban Land, 0 to 3 percent slopes	NHEL	5		
I74A	Urban land-Endoaquents complex, 0 to 3 percent slopes	NHEL	5		
I66A	Vallers loam, 0 to 2 percent slopes	NHEL	5	0.3	56
IWa	Water	NHEL			
W	Water	NHEL			
I67A	Wheatville loam, 0 to 3 percent slopes	NHEL	4	0.3	86
I69A	Wyandotte clay loam, 0 to 2 percent slopes	NHEL	3	0.3	86