

Highly Erodible Soil Map Unit List - Red Lake County, MN

C = 0.25

R = 80

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.

areasym	musym	muname	HEL	T	K	I	slope_p	slope_l	LS
MN125	B109A	Bowstring and Fluvaquents soils, mlra 88, 0 to 2 percent slopes, frequently flooded	NHEL	5		134			
MN125	B200A	Garnes fine sandy loam, 0 to 3 percent slopes	NHEL	5	0.32	48			
MN125	B201A	Chilgren fine sandy loam, 0 to 2 percent slopes	NHEL	5	0.28	56			
MN125	B202A	Cathro muck, depressional, mlra 88, 0 to 1 percent slopes	NHEL	5		134			
MN125	B203A	Northwood muck, depressional, mlra 88, 0 to 1 percent slopes	NHEL	5		134			
MN125	B204A	Roliss loam, mlra 88, 0 to 2 percent slopes	NHEL	5	0.28	86			
MN125	B205A	Berner muck, depressional, mlra 88, 0 to 1 percent slopes	NHEL	5		134			
MN125	B206A	Hamre muck, depressional, mlra 88, 0 to 1 percent slopes	NHEL	5		134			
MN125	I10A	Clearwater mucky clay loam, 0 to 1 percent slopes	NHEL	5	0.28	86			
MN125	I11A	Deerwood muck, 0 to 1 percent slopes	HEL	3		134			
MN125	I12A	Eckvoll loamy fine sand, 0 to 3 percent slopes	NHEL	5	0.17	134			
MN125	I13A	Espelie fine sandy loam, till substratum, 0 to 2 percent slopes	NHEL	4	0.2	86			
MN125	I14B	Fairdale silt loam, 1 to 6 percent slopes, occasionally flooded	NHEL	5	0.24	56			
MN125	I14D	Fairdale silt loam, 6 to 15 percent slopes, occasionally flooded	NHEL	5	0.24	56			
MN125	I15A	Hecla loamy fine sand, 0 to 3 percent slopes	NHEL	5	0.17	134			
MN125	I16F	Fluvaquents,frequently flooded-Hapludolls complex, 0 to 30 percent slopes	NHEL	5	0.24	56			
MN125	I17A	Foldahl fine sandy loam, loamy till substratum, 0 to 3 percent slopes	NHEL	5	0.2	86			
MN125	I18A	Foldahl loamy fine sand, loamy till substratum, 0 to 3 percent slopes	NHEL	5	0.17	86			
MN125	I19A	Foxhome sandy loam, 0 to 3 percent slopes	NHEL	3	0.2	86			
MN125	I1A	Augsburg loam, 0 to 2 percent slopes	NHEL	4	0.28	86			
MN125	I20A	Foxlake loam, 0 to 2 percent slopes	NHEL	5	0.28	86			
MN125	I21A	Fram loam, 1 to 3 percent slopes	NHEL	5	0.28	86			
MN125	I22A	Glyndon loam, 0 to 2 percent slopes	NHEL	5	0.28	86			
MN125	I23A	Glyndon very fine sandy loam, 0 to 2 percent slopes	NHEL	5	0.2	86			
MN125	I24A	Grimstad fine sandy loam, 0 to 3 percent slopes	NHEL	5	0.2	86			
MN125	I25A	Hamar loamy fine sand, 0 to 2 percent slopes	NHEL	5	0.17	134			
MN125	I26A	Hamerly loam, 0 to 2 percent slopes	NHEL	5	0.28	86			
MN125	I27A	Hamre muck, 0 to 1 percent slopes	NHEL	5		134			
MN125	I28A	Hangaard sandy loam, 0 to 2 percent slopes	HEL	2	0.2	86			
MN125	I29A	Hattie clay, 0 to 3 percent slopes	NHEL	5	0.28	86			
MN125	I29D	Hattie clay, 6 to 18 percent slopes	PHEL	5	0.28	86			

areasym	musym	muname	HELC	T	K	I	slope_p	slope_l	LS
MN125	I2A	Augsburg very fine sandy loam, clayey till substratum, 0 to 2 percent slopes	NHEL	4	0.2	86			
MN125	I30A	Hedman loam, 0 to 2 percent slopes	NHEL	5	0.28	86			
MN125	I31A	Hedman-Fram complex, 0 to 3 percent slopes	NHEL	5	0.28	86			
MN125	I32A	Hilaire fine sandy loam, clayey till substratum, 0 to 3 percent slopes	NHEL	4	0.2	86			
MN125	I33A	Hilaire loamy fine sand, 0 to 3 percent slopes	NHEL	4	0.17	86			
MN125	I34A	Huot fine sandy loam, clayey till substratum, 0 to 3 percent slopes	NHEL	4	0.2	86			
MN125	I35A	Karlsruhe sandy loam, 0 to 3 percent slopes	NHEL	3	0.24	86			
MN125	I37A	Kratka and Strathcona soils, 0 to 1 percent slopes	NHEL	5	0.17	86			
MN125	I38A	Kratka fine sandy loam, 0 to 2 percent slopes	NHEL	5	0.2	86			
MN125	I39A	Linvelde fine sandy loam, 0 to 3 percent slopes	NHEL	5	0.28	86			
MN125	I3A	Berner muck, 0 to 1 percent slopes	NHEL	5		134			
MN125	I40B	Maddock loamy fine sand, 1 to 6 percent slopes	NHEL	5	0.17	134			
MN125	I40F	Maddock loamy fine sand, 12 to 30 percent slopes	PHL	5	0.17	134			
MN125	I41A	Markey muck, 0 to 1 percent slopes	HEL	4		134			
MN125	I42A	Markey muck, ponded, 0 to 1 percent slopes	NHEL	4					
MN125	I43A	Mavie fine sandy loam, 0 to 2 percent slopes	NHEL	3	0.24	86			
MN125	I44A	Newfolden loam, 0 to 3 percent slopes	NHEL	5	0.28	86			
MN125	I45A	Northwood muck, 0 to 1 percent slopes	NHEL	5		134			
MN125	I47A	Poppleton fine sand, 0 to 2 percent slopes	HEL	5	0.15	250			
MN125	I48A	Radium loamy sand, 0 to 3 percent slopes	NHEL	5	0.17	134			
MN125	I49A	Rauville silty clay loam, 0 to 2 percent slopes, frequently flooded	NHEL	4	0.28	86			
MN125	I4A	Berner, Rosewood, and Strathcona soils, seepy, 0 to 2 percent slopes	NHEL	3	0.24	86			
MN125	I50A	Reiner fine sandy loam, 0 to 3 percent slopes	NHEL	5	0.2	86			
MN125	I51A	Reiner loamy fine sand, 0 to 3 percent slopes	NHEL	5	0.17	134			
MN125	I52A	Reis-Clearwater complex, 0 to 2 percent slopes	NHEL	5	0.28	86			
MN125	I53A	Roliss loam, 0 to 2 percent slopes	NHEL	5	0.28	86			
MN125	I54A	Roliss loam, very poorly drained, 0 to 1 percent slopes	NHEL	5	0.28	86			
MN125	I55A	Rosewood fine sandy loam, 0 to 2 percent slopes	NHEL	3	0.24	86			
MN125	I56A	Rosewood-Venlo complex, 0 to 1 percent slopes	NHEL	3	0.24	86			
MN125	I57B	Sandberg-Radium complex, 1 to 6 percent slopes	NHEL	5	0.17	134			
MN125	I58A	Seelyville muck, 0 to 1 percent slopes	NHEL	5		134			
MN125	I59A	Smiley loam, 0 to 2 percent slopes	NHEL	5	0.24	56			
MN125	I5A	Borup loam, 0 to 2 percent slopes	NHEL	4	0.28	86			
MN125	I60A	Smiley mucky loam, 0 to 1 percent slopes	NHEL	5	0.24	56			
MN125	I61A	Strandquist loam, 0 to 2 percent slopes	NHEL	3	0.2	86			
MN125	I62A	Syrene sandy loam, 0 to 2 percent slopes	NHEL	3	0.24	86			
MN125	I63A	Thief river fine sandy loam, clayey till substratum, 0 to 2 percent slopes	NHEL	3	0.24	86			

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MN125	I64A	Ulen fine sandy loam, 0 to 3 percent slopes	NHEL	5	0.2	86			
MN125	I65A	Ulen loamy fine sand, 0 to 3 percent slopes	NHEL	5	0.17	86			
MN125	I66A	Vallers loam, 0 to 2 percent slopes	NHEL	5	0.28	86			
MN125	I67A	Wheatville loam, 0 to 3 percent slopes	NHEL	4	0.28	86			
MN125	I68A	Wheatville very fine sandy loam, clayey till substratum, 0 to 3 percent slopes	NHEL	4	0.2	86			
MN125	I690A	Kittson loam, wet, 0 to 3 percent slopes	NHEL	5	0.28	86			
MN125	I69A	Wyandotte clay loam, 0 to 2 percent slopes	NHEL	4	0.2	86			
MN125	I6A	Borup very fine sandy loam, 0 to 2 percent slopes	NHEL	4	0.2	86			
MN125	I70A	Strathcona fine sandy loam, 0 to 2 percent slopes	NHEL	5	0.2	86			
MN125	I7A	Bowstring-Fluvaquents complex, 0 to 2 percent slopes, frequently flooded	NHEL	5		134			
MN125	I8A	Cathro muck, 0 to 1 percent slopes	NHEL	5		134			
MN125	I906F	Orthents-Aquents-Urban Land, highway complex, 0 to 35 percent slopes	NHEL	5		134			
MN125	I9A	Clearwater clay, 0 to 2 percent slopes	NHEL	5	0.28	86			
MN125	IGp	Pits, gravel and sand	NHEL						
MN125	IM-W	Miscellaneous water							
MN125	IWa	Water							
MN125	W	Water							