

Highly Erodible Soil Map Unit List - Kittson County, MN

C = 0.30

R = 70

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
MN069	I100A	Cormant and Rosewood soils, very poorly drained, 0 to 1 percent slopes	HEL	5	0.17	134			
MN069	I101A	Foxhome sandy loam, dense till, 0 to 3 percent slopes	HEL	3	0.2	86			
MN069	I102A	Mavie fine sandy loam, dense till, 0 to 2 percent slopes	HEL	3	0.24	86			
MN069	I103A	Kratka fine sandy loam, dense till, 0 to 2 percent slopes	NHEL	5	0.2	86			
MN069	I104A	Strandquist loam, dense till, 0 to 2 percent slopes	HEL	3	0.2	86			
MN069	I105A	Hangaard sandy loam, dense till, 0 to 2 percent slopes	HEL	2	0.2	86			
MN069	I106A	Enstrom loamy fine sand, dense till, 0 to 3 percent slopes	HEL	5	0.17	134			
MN069	I107A	Syrene mucky sandy loam, 0 to 1 percent slopes	HEL	3	0.2	86			
MN069	I108A	Syrene sandy loam, dense till, 0 to 2 percent slopes	HEL	3	0.2	86			
MN069	I109A	Fluvaquents, 0 to 2 percent slopes, frequently flooded	NHEL	5	0.32	86			
MN069	I110A	Augsburg, Borup, and Colvin soils, very poorly drained, 0 to 1 percent slopes	NHEL	4	0.28	86			
MN069	I111A	Wheatville very fine sandy loam, 0 to 2 percent slopes	NHEL	4	0.28	86			
MN069	I112A	Augsburg very fine sandy loam, 0 to 2 percent slopes	NHEL	4	0.28	86			
MN069	I113A	Grimstad fine sandy loam, dense till, 0 to 2 percent slopes	NHEL	5	0.2	86			
MN069	I114A	Foldahl fine sandy loam, dense till, 0 to 3 percent slopes	NHEL	5	0.2	86			
MN069	I115A	Garnes fine sandy loam, dense till, 0 to 3 percent slopes, very stony	NHEL	5	0.32				
MN069	I116A	Grygla loamy fine sand, dense till, 0 to 2 percent slopes	HEL	5	0.15	134			
MN069	I117A	Skagen loam, 0 to 3 percent slopes, very cobbly	NHEL	5	0.28	56			
MN069	I118A	Poppleton fine sand, dense till, 0 to 2 percent slopes	HEL	5	0.15	134			
MN069	I119A	Bearden silty clay loam, 0 to 1 percent slopes	NHEL	5	0.28	86			
MN069	I120A	Northcote clay, depressionnal, 0 to 1 percent slopes	NHEL	5	0.28	86			
MN069	I121A	Glyndon-Ulen complex, 0 to 2 percent slopes	NHEL	5	0.28	86			
MN069	I122A	Borup-Rosewood complex, 0 to 2 percent slopes	NHEL	4	0.28	86			
MN069	I123A	Bearden-Colvin silty clay loams, 0 to 2 percent slopes	NHEL	5	0.28	86			
MN069	I124A	Colvin-Fargo complex, 0 to 2 percent slopes	NHEL	5	0.32	86			
MN069	I125A	Skagen loam, 0 to 3 percent slopes	NHEL	5	0.28	56			
MN069	I126A	Nereson fine sandy loam, 0 to 3 percent slopes	NHEL	5	0.2	86			
MN069	I127A	Percy loam, 0 to 2 percent slopes	NHEL	5	0.28	56			
MN069	I128A	Noyes sandy clay loam, 0 to 2 percent slopes	NHEL	3	0.28	56			
MN069	I129A	Croke very fine sandy loam, 0 to 3 percent slopes	NHEL	4	0.24	86			
MN069	I130A	Hegne-Fargo silty clays, 0 to 2 percent slopes	NHEL	5	0.32	86			
MN069	I131B	Bearden-Lamoure, flooded, silty clay loams, 0 to 6 percent slopes	NHEL	5	0.28	86			

areasym	musym	muname	HELC	T	K	I	slope_p	slope_l	LS
MN069	I132A	Northcote-Eaglepoint clays, 0 to 2 percent slopes	NHEL	5	0.28	86			
MN069	I133A	Northcote clay, 0 to 1 percent slopes	NHEL	5	0.28	86			
MN069	I134A	Hegne-Fargo silty clays, silty substratum, 0 to 2 percent slopes	NHEL	5	0.32	86			
MN069	I135B	Wahpeton-Ludden silty clays, 0 to 6 percent slopes, flooded	NHEL	5	0.28	86			
MN069	I136F	Cashel-Lallie-Wahpeton silty clays, 0 to 15 percent slopes, flooded	NHEL	5	0.32	86			
MN069	I137B	Sinai-Ludden, flooded, clays, very-fine family, 0 to 6 percent slopes	NHEL	5	0.28	86			
MN069	I140A	Northcote clay, saline, 0 to 2 percent slopes	NHEL	5	0.28	86			
MN069	I145A	Northcote-Eaglepoint clays, saline, 0 to 2 percent slopes	NHEL	5	0.28	86			
MN069	I15A	Hecla loamy fine sand, 0 to 3 percent slopes	NHEL	5		134			
MN069	I16F	Fluvaquents,frequently flooded-Hapludolls complex, 0 to 30 percent slopes	NHEL	5	0.32	86			
MN069	I235A	Fargo silty clay, depressionnal, 0 to 1 percent slopes	NHEL	5	0.32	86			
MN069	I248A	Wahpeton silty clay, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.28	86			
MN069	I248B	Wahpeton silty clay, 2 to 6 percent slopes, occasionally flooded	NHEL	5	0.28	86			
MN069	I293B	Cashel silty clay, 0 to 6 percent slopes, occasionally flooded	NHEL	5	0.32	86			
MN069	I32A	Hilaire fine sandy loam, clayey till substratum, 0 to 3 percent slopes	NHEL	5	0.2	86			
MN069	I34A	Huot fine sandy loam, clayey till substratum, 0 to 3 percent slopes	NHEL	5	0.2	86			
MN069	I376A	Colvin silty clay loam, 0 to 1 percent slopes	NHEL	5	0.32	86			
MN069	I40B	Maddock loamy fine sand, 1 to 6 percent slopes	HEL	5	0.17	134			
MN069	I41A	Markey muck, 0 to 1 percent slopes	HEL	4		134			
MN069	I42A	Markey muck, ponded, 0 to 1 percent slopes	NHEL	4					
MN069	I47A	Poppleton fine sand, 0 to 2 percent slopes	HEL	5	0.15	134			
MN069	I48A	Radium loamy sand, 0 to 3 percent slopes	HEL	2	0.2	86			
MN069	I57B	Sandberg-Radium complex, 1 to 6 percent slopes	HEL	2	0.2	86			
MN069	I704A	Glyndon very fine sandy loam, 0 to 1 percent slopes	NHEL	5	0.28	86			
MN069	I744A	Grano loam, 0 to 2 percent slopes	NHEL	5	0.32	86			
MN069	I745A	Espelie fine sandy loam, 0 to 2 percent slopes	NHEL	5	0.2	86			
MN069	I75A	Radium-Sandberg-Garborg complex, 0 to 3 percent slopes	HEL	2	0.2	86			
MN069	I765A	Huot fine sandy loam, 0 to 3 percent slopes	NHEL	5	0.2	86			
MN069	I76A	Karlstad loamy sand, 0 to 3 percent slopes	HEL	3	0.17	134			
MN069	I773A	Hapludolls-Fluvaquents, occasionally flooded complex, 0 to 6 percent slopes	PHEL	5	0.24	56			
MN069	I77A	Deerwood muck, dense till, 0 to 1 percent slopes	HEL	3		134			
MN069	I78B	Marquette loamy sand, 1 to 8 percent slopes	HEL	2	0.17	134			
MN069	I79A	Berner, Cathro, and Haug soils, ponded, 0 to 1 percent slopes	HEL	5		134			
MN069	I80B	Karlstad-Marquette loamy sands, 0 to 8 percent slopes	HEL	2	0.17	134			
MN069	I811A	Linveltdt fine sandy loam, dense till, 0 to 3 percent slopes	NHEL	5		134			
MN069	I81A	Northwood muck, dense till, 0 to 1 percent slopes	HEL	3		134			
MN069	I82A	Cathro muck, dense till, 0 to 1 percent slopes	HEL	5		134			

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MN069	I83A	Wildwood muck, dense till, 0 to 1 percent slopes	HEL	3		134			
MN069	I84A	Percy loam, 0 to 2 percent slopes, very cobbly	NHEL	5	0.28				
MN069	I850A	Thiefriever fine sandy loam, 0 to 2 percent slopes	NHEL	5	0.2	86			
MN069	I85A	Percy loam, 0 to 2 percent slopes, bouldery	NHEL	5	0.28				
MN069	I86A	Percy mucky loam, 0 to 1 percent slopes	NHEL	5	0.28	56			
MN069	I87A	Pelan sandy loam, dense till, 0 to 3 percent slopes	HEL	3	0.17	134			
MN069	I88A	Haug muck, 0 to 1 percent slopes	HEL	5		134			
MN069	I89A	Nereson fine sandy loam, 0 to 3 percent slopes, very cobbly	NHEL	5	0.2	86			
MN069	I904F	Dumps, Sanitary Landfill-Udorthents complex, 0 to 60 percent slopes	HEL						
MN069	I90A	Redby loamy fine sand, dense till, 0 to 3 percent slopes	HEL	5	0.17	134			
MN069	I91A	Rosewood fine sandy loam, dense till, 0 to 2 percent slopes	NHEL	5	0.2	86			
MN069	I92A	Grano clay, 0 to 2 percent slopes	NHEL	5	0.32	86			
MN069	I93A	Viking clay loam, dense till, 0 to 2 percent slopes	NHEL	5	0.28	86			
MN069	I94A	Strathcona fine sandy loam, dense till, 0 to 2 percent slopes	NHEL	5	0.2	86			
MN069	I95A	Kratka and Strathcona soils, dense till, 0 to 1 percent slopes	NHEL	5	0.2	86			
MN069	I96D	Serden-Aylmer-Bantry complex, 0 to 9 percent slopes	HEL	5	0.17	134			
MN069	I97A	Cormant loamy fine sand, dense till, 0 to 2 percent slopes	HEL	5	0.17	134			
MN069	I98A	Ulen fine sandy loam, dense till, 0 to 3 percent slopes	NHEL	5	0.2	86			
MN069	I99A	Berner muck, dense till, 0 to 1 percent slopes	HEL	5		134			
MN069	IGp	Pits, gravel and sand	NHEL						
MN069	IM-W	Miscellaneous water	NHEL						
MN069	IWa	Water	NHEL						