

Highly erodible soil mapunit list - Scott County, MN

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C=0.10 R=140

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Mapunit

Symbol	Mapunit Name	HELC	T	K	I	slope %	slope l	LS
AaA	ALLUVIAL LAND, 0 TO 2 PERCENT SLOPES	NHEL	5	0.28	56	1.00	50	0.10
AaB	Alluvial land, 2 to 6 percent slopes	NHEL	5	0.28	56	2.00	60	0.17
Ab	ALLUVIAL LAND, FREQ. OVERFLOW, 0 TO 6 PERCENT SLOPES	NHEL	5	0.28	86	2.00	50	0.16
Ba	BEACH MATERIALS, SANDY	NHEL	5	0.15	180	1.00	80	0.12
Bb	BEACH MATERIALS AND MUCK	NHEL	5	0.15	180	0.50	100	0.10
Bc	Blue Earth mucky silt loam, 0 to 1 percent slopes	NHEL	5	0.28	86	0.50	150	0.11
BdB	Kingsley, Mahtomedi and Hayden complex, 2 to 6 percent slopes	NHEL	5	0.32	56	4.00	110	0.42
BdC	Kingsley, Mahtomedi and Hayden complex, 6 to 12 percent slopes	PHEL	5	0.32	56	9.00	100	1.20
BdC2	Kingsley, Mahtomedi and Hayden complex, 6 to 12 percent slopes, moderately eroded	PHEL	5	0.32	56	9.00	100	1.20
BdD	Kingsley, Mahtomedi and Hayden complex, 12 to 18 percent slopes	HEL	5	0.32	56	15.00	90	2.40
BdD2	Kingsley, Mahtomedi and Hayden complex, 12 to 18 percent slopes, moderately eroded	HEL	5	0.32	56	15.00	90	2.40
BdE2	Kingsley, Mahtomedi and Hayden, 18 to 25 percent slopes	HEL	5	0.32	56	20.00	80	3.50
BdF	Kingsley, Mahtomedi and Hayden complex, 25 to 50 percent slopes	HEL	5	0.32	56	30.00	80	7.00
BeD3	Kingsley, Mahtomedi and Hayden complex, 12 to 18 percent slopes, severely eroded	HEL	5	0.32	56	15.00	90	2.40
BeE3	Kingsley, Mahtomedi and Hayden complex, 18 to 25 percent slopes	HEL	5	0.32	56	20.00	80	3.50
CaB	Clarion loam, 2 to 6 percent slopes	NHEL	5	0.24	48	3.00	120	0.30
CaB2	Clarion loam, 2 to 6 percent slopes, moderately eroded	NHEL	5	0.28	48	4.00	115	0.43
CaC	Clarion loam, 6 to 10 percent slopes	PHEL	5	0.24	48	4.00	115	0.43
CaC2	Clarion loam, 6 to 10 percent slopes, moderately eroded	PHEL	5	0.28	48	9.00	115	1.30
Cc	Comfrey silty clay loam	NHEL	5	0.28	38	1.00	100	0.13
CdA	COPAS SILT LOAM, 0 TO 2 PERCENT SLOPES	NHEL	2	0.28	56	1.00	50	0.10
CdB	COPAS SILT LOAM, 2 TO 6 PERCENT SLOPES	NHEL	2	0.28	56	3.00	80	0.27
CdB2	COPAS SILT LOAM, 2 TO 6 PERCENT SLOPES, MODERATELY ERODED	NHEL	2	0.28	56	3.00	80	0.27
DaA	DAKOTA LOAM, 0 TO 2 PERCENT SLOPES	NHEL	4	0.24	56	1.00	60	0.11
DaB	DAKOTA LOAM, 2 TO 6 PERCENT SLOPES	NHEL	4	0.24	56	3.00	100	0.29
DaB2	DAKOTA LOAM, 2 TO 6 PERCENT SLOPES, MODERATELY ERODED	NHEL	4	0.24	56	3.00	100	0.29
DaC2	DAKOTA LOAM, 6 TO 12 PERCENT SLOPES, MODERATELY ERODED	PHEL	4	0.24	56	9.00	100	1.20
DbA	Dickman sandy loam, 0 to 2 percent slopes	NHEL	3	0.20	86	1.00	60	0.11
DbB	Dickman sandy loam, 2 to 6 percent slopes	NHEL	3	0.20	86	3.00	100	0.29

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Dbb2	Dickman sandy loam, 2 to 6 percent slopes, moderately eroded	NHEL	3	0.20	86	3.00	100	0.29
Dbc2	Dickman sandy loam, 6 to 12 percent slopes, moderately eroded	PHEL	3	0.20	86	9.00	100	1.20
Dc	DORCHESTER LOAM AND SILT LOAM	NHEL	5	0.37	86	1.00	60	0.11
Dd	DORCHESTER SILTY CLAY LOAM	NHEL	5	0.37	86	0.50	80	0.09
De	Duelm variant, fine sandy loam	NHEL	3	0.20	86	2.00	80	0.19
Df	Dundas silt loam, 0 to 2 percent slopes	NHEL	5	0.28	48	1.00	60	0.11
Dg	DUNELAND	NHEL	5	0.15	220	4.00	80	0.37
EaA	ESTHERVILLE LOAM AND SANDY LOAM, 0 TO 2 PERCENT SLOPES	NHEL	3	0.24	56	1.00	60	0.11
EaB	Estherville sandy loam, 2 to 6 percent slopes	NHEL	3	0.24	56	3.00	110	0.30
EaB2	ESTHERVILLE LOAM AND SANDY LOAM, 2 TO 6 PERCENT SLOPES,MODERATELY ERODED	NHEL	3	0.24	56	4.00	100	0.40
EaC	ESTHERVILLE LOAM AND SANDY LOAM, 6 TO 12 PERCENT SLOPES	PHEL	3	0.24	56	9.00	100	1.20
EaC2	ESTHERVILLE LOAM AND SANDY LOAM, 6 TO 12 PERCENT SLOPES,MODERATELY ERODED	PHEL	3	0.24	56	9.00	100	1.20
EbB	Salida gravelly sandy loam, 0 to 6 percent slopes	NHEL	3	0.15		3.00	90	0.28
EbB2	Salida gravelly sandy loam, 0 to 6 percent slopes, moderately eroded	NHEL	3	0.15		4.00	90	0.38
EbC	Hawick gravelly sandy loam, 6 to 12 percent slopes	NHEL	3	0.15		9.00	90	1.00
EbC2	Salida gravelly sandy loam, 6 to 12 percent slopes, moderately eroded	NHEL	3	0.15		9.00	90	1.00
Fa	FAXON SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	NHEL	4	0.28	38	1.00	80	0.12
Ga	Glencoe silty clay loam, 0 to 1 percent slopes	NHEL	5	0.28	38	0.50	150	0.11
Gp	Pits, gravel							
HaB	Hayden loam, 2 to 6 percent slopes	NHEL	5	0.32	56	3.00	125	0.31
HaC	Hayden loam, 6 to 10 percent slopes	PHEL	5	0.32	56	9.00	110	1.20
HaC2	Hayden loam, 6 to 10 percent slopes, moderately eroded	PHEL	5	0.32	56	9.00	110	1.20
HaD	Hayden loam, 10 to 22 percent slopes	HEL	5	0.32	56	15.00	100	2.50
HaD2	Hayden loam, 10 to 22 percent slopes, moderately eroded	HEL	5	0.32	56	15.00	100	2.50
HaE2	Hayden loam, 18 to 25 percent slopes	HEL	5	0.32	56	15.00	100	2.50
HaF2	Hayden loam, 22 to 40 percent slopes	HEL	5	0.32	56	30.00	75	3.50
HbB	HAYDEN SANDY LOAM, 0 TO 6 PERCENT SLOPES	NHEL	5	0.24	86	3.00	120	0.30
HbB2	HAYDEN SANDY LOAM, 0 TO 6 PERCENT SLOPES, MODERATELY ERODED	NHEL	5	0.24	86	4.00	120	0.43
HbC	HAYDEN SANDY LOAM, 6 TO 12 PERCENT SLOPES	NHEL	5	0.24	86	9.00	110	1.20
HbC2	HAYDEN SANDY LOAM, 6 TO 12 PERCENT SLOPES, MODERATELY ERODED	NHEL	5	0.24	86	9.00	110	1.20

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HbD	HAYDEN SANDY LOAM, 12 TO 18 PERCENT SLOPES	HEL	5	0.24	86	15.00	100	2.50
HbD2	HAYDEN SANDY LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED	HEL	5	0.24	86	15.00	100	2.50
HbD3	Hayden sandy clay loam, 12 to 18 percent slopes, severely eroded	HEL	5	0.32	56	15.00	100	2.50
HbE2	Hayden sandy loam, 18 to 25 percent slopes	HEL	5	0.24	86	20.00	90	3.80
HbE3	Hayden sandy clay loam, 18 to 25 percent slopes	HEL	5	0.24	56	20.00	90	3.80
HbF2	Hayden sandy loam, 25 to 35 percent slopes	HEL	5	0.24	86	30.00	80	7.00
HcC3	HAYDEN SOILS, 6 TO 12 PERCENT SLOPES, SEVERELY ERODED	PHEL	5	0.32	48	9.00	110	1.20
HcD3	HAYDEN SOILS, 12 TO 18 PERCENT SLOPES, SEVERELY ERODED	HEL	5	0.32	56	15.00	100	2.50
HcE3	HAYDEN SOILS, 18 TO 25 PERCENT SLOPES, SEVERELY ERODED	HEL	5	0.32	48	20.00	90	3.80
HdA	Sparta fine sand, 0 to 2 percent slopes	NHEL	5	0.15	220	1.00	60	0.11
HdB	Sparta fine sand, 2 to 6 percent slopes	NHEL	5	0.15	220	3.00	110	0.30
HdB2	Sparta fine sand, 2 to 6 percent slopes	NHEL	5	0.15	220	4.00	100	0.40
HdC	Sparta fine sand, 6 to 12 percent slopes	NHEL	5	0.15	220	9.00	100	1.20
HdC2	Sparta fine sand, 6 to 12 percent slopes	NHEL	5	0.15	220	9.00	90	1.00
HeA	Sparta loamy fine sand, 0 to 2 percent slopes	NHEL	5	0.17	134	1.00	60	0.11
HeB	Sparta loamy fine sand, 2 to 6 percent slopes	NHEL	5	0.17	134	3.00	110	0.30
HeB2	Sparta loamy fine sand, 2 to 6 percent slopes	NHEL	5	0.17	134	4.00	100	0.40
HeC	Sparta loamy fine sand, 6 to 12 percent slopes	NHEL	5	0.17	134	9.00	100	1.20
HeC2	Sparta loamy fine sand, 6 to 12 percent slopes	NHEL	5	0.17	134	9.00	90	1.00
la	ISANTI FINE SANDY LOAM	NHEL	5	0.20	86	0.50	100	0.10
INT	Water, intermittent							
KaA	KASOTA SILT LOAM, 0 TO 2 PERCENT SLOPES	NHEL	4	0.28	48	1.00	80	0.12
KaB	KASOTA SILT LOAM, 2 TO 6 PERCENT SLOPES	NHEL	4	0.28	48	3.00	100	0.29
LaA	Wadena loam, 0 to 2 percent slopes	NHEL	4	0.24	48	1.00	80	0.12
LaB	Estherville loam, 2 to 6 percent slopes	NHEL	3	0.24	56	3.00	100	0.29
LaB2	Estherville loam, 2 to 6 percent slopes, moderately eroded	NHEL	3	0.24	56	4.00	100	0.40
LaC	Estherville loam, 6 to 12 percent slopes	PHEL	3	0.24	56	9.00	90	1.00
LaC2	Estherville, loam 6 to 12 percent slopes, moderately eroded	PHEL	3	0.24	56	9.00	90	1.00
LaD	Estherville loam, 12 to 18 percent slopes	HEL	3	0.24	56	15.00	80	2.30
LaD2	Estherville loam, 12 to 18 percent slopes, moderately eroded	HEL	3	0.24	56	15.00	80	2.30
LbB	Estherville-Burnsville complex, 2 to 6 percent slopes	NHEL	3	0.20	86	3.00	100	0.29

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LbB2	Estherville-Burnsville complex, 2 to 6 percent slopes, moderately eroded	NHEL	3	0.20	86	4.00	100	0.40
LbC	Estherville-Burnsville complex, 6 to 12 percent slopes	PHEL	3	0.20	86	9.00	90	1.00
LbC2	Estherville-Burnsville complex, 6 to 12 percent slopes, moderately eroded	PHEL	3	0.20	86	9.00	90	1.00
LbD	Estherville-Burnsville complex, 12 to 50 percent slopes	HEL	3	0.20	86	25.00	80	5.50
LcB	Lester loam, 2 to 6 percent slopes	NHEL	5	0.28	48	3.00	120	0.30
LcB2	Lester loam, 2 to 6 percent slopes, moderately eroded	NHEL	5	0.28	48	4.00	120	0.43
LcC	Lester loam, 6 to 10 percent slopes	PHEL	5	0.28	48	9.00	115	1.20
LcC2	Lester loam, 6 to 10 percent slopes, moderately eroded	PHEL	5	0.28	48	9.00	115	1.20
LcD	Lester loam, 10 to 16 percent slopes	HEL	5	0.28	48	15.00	110	2.70
LcD2	Lester loam, 10 to 16 percent slopes, moderately eroded	HEL	5	0.28	48	15.00	110	2.70
LcE2	Lester loam, 16 to 22 percent slopes	HEL	5	0.28	48	20.00	100	4.00
LcF2	Lester loam, 25 to 35 percent slopes	HEL	5	0.28	48	30.00	90	7.50
LdE3	Lester soils, 18 to 25 percent slopes	HEL	5	0.28	48	20.00	100	4.00
LdF3	Lester soils, 25 to 35 percent slopes	HEL	5	0.28	48	30.00	90	7.50
Le	Le Sueur loam, 1 to 3 percent slopes	NHEL	5	0.24	48	2.00	70	0.18
Lf	Le Sueur-Lester complex	NHEL	5	0.24	48	2.00	110	0.21
Ma	Marsh	NHEL	5	0.28		0.50	80	0.09
M-W	Water, miscellaneous							
Oa	OSHAWA SILTY CLAY LOAM	NHEL	5	0.28		0.50	80	0.09
PaA	Klossner muck, 0 to 1 percent slopes	NHEL	5	0.00	134	0.50	150	0.11
PaB	Palms muck, sloping, 2 to 12 percent slopes	NHEL	5	0.00	134	4.00	250	0.57
PbA	Houghton muck, 0 to 2 percent slopes	NHEL	5	0.00	134	0.50	150	0.11
PbB	Houghton muck, sloping, 2 to 6 percent slopes	NHEL	5	0.00	134	2.00	250	0.27
Ra	Oshawa, silty clay loam	NHEL	5	0.28		0.50	100	0.10
Sa	SANDSTONE OUTCROOPS	PHEL	5	0.28	48	20.00	120	4.50
Sb	STEEPLAND, HAYDEN LESTER MATERIALS	HEL	5	0.28	48	20.00	120	4.50
Sc	STONYLAND	NHEL	2	0.28	48	3.00	75	0.27
Ta	TERRACE ESCARPMENTS	HEL	5	0.17	134	20.00	60	3.00
TbB	Terril loam, 2 to 6 percent slopes	NHEL	5	0.24	48	4.00	80	0.37
TbC	Terril loam, 6 to 12 percent slopes	NHEL	5	0.24	48	9.00	110	1.20
TbD	Terril loam, 12 to 18 percent slopes	HEL	5	0.24	48	15.00	100	2.50

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TbE	Terril loam, 18 to 25 percent slopes	HEL	5	0.24	48	20.00	100	4.00
TcA	Terril loam, 0 to 2 percent slopes	NHEL	5	0.24	48	1.00	40	0.10
TcB	Terril loam, 2 to 6 percent slopes	NHEL	5	0.24	48	4.00	110	0.42
TcC	Terril Loam, 6 to 12 percent slopes	NHEL	5	0.24	48	9.00	110	1.20
TcD	Terril loam, 12 to 18 percent slopes	HEL	5	0.24	48	15.00	100	2.50
TcE	Terril loam, 18 to 25 percent slopes	HEL	5	0.24	48	20.00	100	4.00
W	Water							
WaA	WAUKEGAN SILT LOAM, 0 TO 2 PERCENT SLOPES	NHEL	4	0.32	48	1.00	70	0.11
WaB	WAUKEGAN SILT LOAM, 2 TO 6 PERCENT SLOPES	NHEL	4	0.32	48	3.00	100	0.29
WaB2	WAUKEGAN SILT LOAM, 2 TO 6 PERCENT SLOPES, MODERATELY ERODED	NHEL	4	0.32	48	4.00	90	0.38
WaC2	Waukegan silt loam, 6 to 12 percent slopes, moderately eroded	PHEL	4	0.32	48	9.00	80	1.00
WaD2	Waukegan silt loam, 12 to 18 percent slopes, moderately eroded	HEL	4	0.32	48	15.00	80	2.30
Wb	WEBSTER-GLENCOE SILTY CLAY LOAMS	NHEL	5	0.28	38	0.50	100	0.10
Wc	WEBSTER-LE SUEUR SILTY CLAY LOAMS	NHEL	5	0.28	38	2.00	100	0.20
ZaA	Sartell fine sand, 0 to 2 percent slopes	NHEL	5	0.15	220	1.00	80	0.12
ZaA2	Sartel fine sand, 0 to 2 percent slopes, moderately eroded	NHEL	5	0.15	220	1.00	80	0.12
ZaB	Sartel fine sand, 2 to 6 percent slopes	NHEL	5	0.15	220	3.00	110	0.30
ZaB2	Sartell fine sand, 2 to 6 percent slopes, moderately eroded	NHEL	5	0.15	220	4.00	100	0.40
ZaC2	Sartell fine sand, 6 to 12 percent slopes, moderately eroded	NHEL	5	0.15	220	9.00	100	1.20