

HIGHLY ERODIBLE SOIL MAP UNIT LIST FOR SWIFT COUNTY, MN

C = .20, R = 110

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areasym	musym	muname	T	K	I	Slope_%	Slope_I	LS	HELC
MN151	J10A	Sinai silty clay, 0 to 2 percent slopes	5	.28	86	1	200	0.16	NHEL
MN151	J10B	Sinai silty clay, 2 to 6 percent slopes	5	.28	86	4	175	0.5	NHEL
MN151	J11A	Vallers clay loam, 0 to 2 percent slopes	5	.28	86	1	200	0.16	NHEL
MN151	J12A	Marysland loam, 0 to 2 percent slopes	4	0.28	86	1	200	0.16	NHEL
MN151	J13A	Oldham silty clay loam, depressional, 0 to 1 percent slopes	5	0.28	86	1	200	0.16	NHEL
MN151	J14F	Esmond loam, 18 to 40 percent slopes	5	.28	86	30	100	8	HEL
MN151	J15B	Eckman silt loam, 2 to 6 percent slopes	5	.32	56	4	175	0.5	NHEL
MN151	J16A	Friberg silt loam, depressional, 0 to 2 percent slopes	5	.28	38	1	200	0.16	NHEL
MN151	J17A	Quam silty clay loam, depressional, 0 to 1 percent slopes	5	.28	38	1	200	0.16	NHEL
MN151	J18A	Malachy sandy loam, 1 to 3 percent slopes	4	0.2	86	1	200	0.16	NHEL
MN151	J19A	Hecla loamy fine sand, 1 to 3 percent slopes	5	.17	134	2	200	0.25	NHEL
MN151	J1A	Parnell silty clay loam, depressional, 0 to 1 percent slopes	5	0.28	38	1	200	0.16	NHEL
MN151	J20A	Clontarf sandy loam, 1 to 3 percent slopes	4	.20	86	1	200	0.16	NHEL

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areasym	musym	muname	T	K	I	Slope_%	Slope_I	LS	HELC
MN151	J21A	Hamar loamy fine sand, 0 to 2 percent slopes	5	.17	134	1	200	0.16	NHEL
MN151	J22A	Renshaw loam, 0 to 3 percent slopes	3	.28	48	1	200	0.16	NHEL
MN151	J23A	Lamoure silty clay loam, 0 to 2 percent slopes, occasionally flooded	5	.28	86	1	200	0.16	NHEL
MN151	J24F	Buse loam, 18 to 40 percent slopes	5	.28	86	30	100	8	HEL
MN151	J25A	Rauville silty clay loam, 0 to 1 percent slopes, frequently flooded	5	.28	86	1	200	0.16	NHEL
MN151	J26B	Darnen loam, 2 to 6 percent slopes	5	.28	48	2	175	0.24	NHEL
MN151	J27A	Hantho silt loam, 1 to 3 percent slopes	5	.28	56	1	200	0.16	NHEL
MN151	J28A	Vallers clay loam, 0 to 2 percent slopes, bouldery	5	.28	0	1	200	0.16	NHEL
MN151	J29A	Cathro muck, depressional, 0 to 1 percent slopes	5	0.28	86	1	200	0.16	NHEL
MN151	J2A	La Prairie loam, 0 to 2 percent slopes, occasionally flooded	5	0.28	38	1	200	0.16	NHEL
MN151	J30A	Tara silt loam, 1 to 3 percent slopes	5	.28	48	1	200	0.16	NHEL
MN151	J31B	Arvilla-Sandberg complex, 2 to 6 percent slopes	3	0.28	48	4	175	0.5	NHEL
MN151	J32A	Bigstone silty clay loam, depressional, 0 to 1 percent slopes	5	.28	86	1	200	0.16	NHEL

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areasym	musym	muname	T	K	I	Slope_%	Slope_l	LS	HELC
MN151	J33D2	Sisseton-Heimdal complex, 12 to 20 percent slopes, eroded	5	0.28	86	15	100	2.5	HEL
MN151	J34B	Byrne-Buse complex, 2 to 6 percent slopes	5	.32	48	4	175	0.5	NHEL
MN151	J35B	Hokans-Buse complex, 2 to 6 percent slopes	5	.28	48	4	175	0.5	NHEL
MN151	J36C2	Buse-Barnes complex, 6 to 12 percent slopes, eroded	5	.28	86	9	150	1.4	PHEL
MN151	J37D2	Langhei-Barnes complex, 12 to 20 percent slopes, eroded	5	.28	86	15	100	2.5	HEL
MN151	J38B	Zell-Eckman complex, 2 to 6 percent slopes	5	.32	86	4	175	0.5	NHEL
MN151	J38C2	Zell-Eckman complex, 6 to 12 percent slopes, eroded	5	.32	86	9	150	1.4	PHEL
MN151	J3A	Arveson sandy loam, 0 to 2 percent slopes	4	0.24	86	1	200	0.16	NHEL
MN151	J40A	Foxlake silty clay, 0 to 2 percent slopes	5	.28	86	1	200	0.16	NHEL
MN151	J41A	Urness mucky silty clay loam, depressional, 0 to 1 percent slopes	5	.28	86	1	200	0.16	NHEL
MN151	J42C	Sandberg-Arvilla complex, 6 to 12 percent slopes	3	0.28	48	9	150	1.4	PHEL
MN151	J43A	Quam, Cathro, and Urness soils, ponded, 0 to 1 percent slopes	5	.28	0	1	200	0.16	NHEL
MN151	J44B	Esmond-Heimdal complex, 2 to 6 percent slopes	5	.28	86	4	175	0.5	NHEL

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MN151	J44C2	Esmond-Heimdal complex, 6 to 12 percent slopes, eroded	5	.28	86	9	150	1.4	PHEL
MN151	J45F	Sandberg sandy loam, 12 to 40 percent slopes	2	0.2	86	19	100	3.75	HEL
MN151	J46B	Byrne silt loam, 2 to 4 percent slopes	5	.32	48	4	175	0.5	NHEL
MN151	J47A	Swenoda sandy loam, moderately wet, 1 to 3 percent slopes	5	.20	86	1	200	0.16	NHEL
MN151	J48A	Bigstone and Parnell soils, ponded, 0 to 1 percent slopes	5	.28	0	1	200	0.16	NHEL
MN151	J49A	Lakepark-Parnell, depressional, complex, 0 to 2 percent slopes	5	0.28	38	1	200	0.16	NHEL
MN151	J4A	Rockwell loam, 0 to 2 percent slopes	3	.24	86	1	200	0.16	NHEL
MN151	J50A	Balaton-Tara complex, 1 to 3 percent slopes	5	.28	86	2	200	0.25	NHEL
MN151	J51A	Bearden-Quam, depressional, complex, 0 to 2 percent slopes	5	0.32	86	1	200	0.16	NHEL
MN151	J52A	Rondell silty clay loam, 1 to 3 percent slopes	5	.28	86	1	200	0.16	NHEL
MN151	J53A	Ortonville loam, 1 to 3 percent slopes	5	.28	86	2	200	0.25	NHEL
MN151	J54A	Marysland loam, depressional, 0 to 1 percent slopes	4	.24	86	1	200	0.16	NHEL
MN151	J55A	Sedgeville loam, channeled, 0 to 2 percent slopes, occasionally flooded	5	.28	86	1	200	0.16	NHEL

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areasym	musym	muname	T	K	I	Slope_%	Slope_l	LS	HELC
MN151	J56A	Winger-Balaton-Parnell, depressional, complex, 0 to 3 percent slopes	5	.28	86	1	200	0.16	NHEL
MN151	J57A	Balaton loam, 1 to 3 percent slopes	5	.28	86	2	200	0.25	NHEL
MN151	J58B	Torning-Egeland complex, 2 to 6 percent slopes	5	0.24	134	3	175	0.34	NHEL
MN151	J59A	Urness mucky silty clay loam, sandy substratum, ponded, 0 to 1 percent slopes	5	.28	0	1	200	0.16	NHEL
MN151	J5A	Fossum sandy loam, 0 to 2 percent slopes	5	.20	86	1	200	0.16	NHEL
MN151	J60B	Hattie-Audubon complex, 1 to 4 percent slopes	5	.28	86	4	175	0.5	NHEL
MN151	J60C	Hattie-Audubon complex, 4 to 10 percent slopes	5	.28	86	9	150	1.4	PHEL
MN151	J61A	Svea loam, 1 to 3 percent slopes, bouldery	5	.28	0	1	200	0.16	NHEL
MN151	J62C	Buse-Barnes complex, 2 to 12 percent slopes, very bouldery	5	0.2	0	7	150	1	NHEL
MN151	J62F	Buse-Barnes complex, 12 to 40 percent slopes, very bouldery	5	0.2	0	21	100	4.4	HEL
MN151	J63A	Ortonville-Vallers-Parnell, depressional, complex, 0 to 3 percent slopes	5	.28	86	2	200	0.25	NHEL
MN151	J64A	Quam silty clay loam, 0 to 2 percent slopes	5	.28	48	1	200	0.16	NHEL
MN151	J65A	Shakopee silty clay, 0 to 2 percent slopes	4	.28	86	1	200	0.16	NHEL

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MN151	J66A	Emrick loam, 1 to 3 percent slopes	5	.28	48	1	200	0.16	NHEL
MN151	J67A	Fordtown loam, 1 to 3 percent slopes	4	.24	48	1	200	0.16	NHEL
MN151	J68A	Kerkhoven-Friberg, depressional, complex, 0 to 2 percent slopes	5	0.28	38	1	200	0.16	NHEL
MN151	J6A	McDonaldsville silty clay, 0 to 2 percent slopes	4	.28	86	1	200	0.16	NHEL
MN151	J7A	Sverdrup sandy loam, 0 to 2 percent slopes	4	.20	86	1	200	0.16	NHEL
MN151	J7B	Sverdrup sandy loam, 2 to 6 percent slopes	4	.20	86	4	175	0.5	NHEL
MN151	J8A	Egeland sandy loam, 0 to 2 percent slopes	4	.20	86	1	200	0.16	NHEL
MN151	J8B	Egeland sandy loam, 2 to 6 percent slopes	4	.20	86	4	175	0.5	NHEL
MN151	J9A	Estelline silt loam, 0 to 2 percent slopes	4	0.32	48	1	200	0.16	NHEL
MN151	L33B	Kandiyohi clay, 2 to 5 percent slopes	5	.28	86	4	175	0.5	NHEL
MN151	L34A	Cosmos silty clay, 0 to 2 percent slopes	5	.28	86	1	200	0.16	NHEL
MN151	L164A	Lura silty clay loam, depressional, firm substatum, 0 to 1 percent	5	.28	86	1	200	0.16	NHEL
MN151	L33A	Kandiyohi clay, 0 to 2 percent slopes	5	0.28	86	1	200	0.16	NHEL