

**HIGHLY ERODIBLE SOIL MAP UNIT LIST FOR LYON COUNTY, MN**  
**C = .20, R = 120**

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.

musym	muname	HEL	T	K	I	slope %	slope_l	LS
51	La Prairie loam	NHEL	5	0.28	48	1.0	200	0.16
86	Canisteo clay loam, 0 to 2 percent slopes	NHEL	5	0.24	86	1.0	200	0.16
114	Glencoe silty clay loam, 0 to 1 percent slopes	NHEL	5	0.28	38	1.0	200	0.16
127	Dickman sandy loam, 0 to 2 percent slopes	NHEL	4	0.20	86	1.0	200	0.16
127B	Dickman sandy loam, 2 to 6 percent slopes	NHEL	4	0.20	86	4.0	175	0.50
149B	Everly clay loam, 2 to 4 percent slopes	NHEL	5	0.24	48	3.0	175	0.34
149B2	Everly clay loam, 3 to 6 percent slopes, eroded	NHEL	5	0.28	48	5.0	175	0.71
149C2	Everly clay loam, 6 to 12 percent slopes, eroded	PHEL	5	0.24	48	9.0	150	1.40
184	Hamerly loam, 1 to 3 percent slopes	NHEL	5	0.28	86	2.0	200	0.24
210	Fulda silty clay	NHEL	5	0.28	86	1.0	200	0.16
212	Sinai silty clay, 1 to 3 percent slopes	NHEL	5	0.28	86	2.0	200	0.24
219	Rolfe silt loam, 0 to 1 percent slopes	NHEL	3	0.37	48	1.0	200	0.16
241	Letri clay loam	NHEL	5	0.28	48	1.0	200	0.16
246	Marysland loam	NHEL	4	0.28	86	1.0	200	0.16

276	Oldham silty clay loam	NHEL	5	0.28	86	1.0	200	0.16
335	Urness silt loam	NHEL	5	0.28	86	1.0	200	0.16
339	Fordville loam, 0 to 2 percent slopes	NHEL	4	0.24	48	1.0	200	0.16
339B	Fordville loam, 2 to 6 percent slopes	NHEL	4	0.24	48	4.0	175	0.50
341	Arvilla sandy loam, 0 to 2 percent slopes	NHEL	3	0.20	86	1.0	200	0.16
341B	Estherville sandy loam, 2 to 6 percent slopes	NHEL	3	0.20	86	4.0	175	0.50
341C	Arvilla sandy loam, 6 to 12 percent slopes	PHL	3	0.20	86	9.0	150	1.40
347	Malachy loam	NHEL	4	0.20	56	1.0	200	0.16
402E	Sioux soils, 2 to 40 percent slopes	PHL	2	0.28	56	21.0	100	4.40
421B	Amiret loam, 2 to 6 percent slopes	NHEL	5	0.24	48	3.0	175	0.34
421B2	Amiret-Swanlake loams, 2 to 6 percent slopes	NHEL	5	0.24	48	5.0	175	0.71
423	Seaforth loam, 1 to 3 percent slopes	NHEL	5	0.28	86	2.0	200	0.24
437E	Buse loam, 18 to 25 percent slopes	HEL	5	0.28	86	22.0	100	4.80
437F	Buse loam, 25 to 40 percent slopes	HEL	5	0.28	86	33.0	100	9.50
450	Rauville silty clay loam	NHEL	5	0.28	86	1.0	200	0.16
894D2	Storden-Everly complex, 12 to 18 percent slopes, eroded	HEL	5	0.28	86	15.0	100	2.50
904B2	Arvilla-Barnes-Buse complex, 2 to 6 percent slopes, eroded	NHEL	3	0.20	86	4.0	175	0.50

953C	Arvilla-Storden-Ves complex, 6 to 15 percent slopes	PHEL	3	0.20	86	11.0	150	1.90
954C2	Storden-Ves loams, 6 to 10 percent slopes, eroded	PHEL	5	0.28	86	9.0	150	1.40
954D2	Storden-Ves loams, 10 to 16 percent slopes, eroded	HEL	5	0.28	86	15.0	100	2.50
986	Lamoure and La Prairie soils, frequently flooded	NHEL	5	0.28	86	1.0	200	0.16
1003B	Udorthents (cut and fill land), 0 to 6 percent slopes							
1007	Udorthents, shallow (sanitary landfill)							
1016	Udorthents							
1024A	Havelock clay loam, 0 to 2 percent slopes. occasionally flooded	NHEL	5	0.28	86	1.0	200	0.16
1029	Pits, gravel							
1032	Aquents and Udorthents							
1053	Aquolls and Aquents, ponded							
1356	Water, miscellaneous							
1809	Bearden complex	NHEL	5	0.28	86	1.0	200	0.16
1810	Colvin complex	NHEL	5	0.32	86	1.0	200	0.16
1814	Oldham silty clay	NHEL	5	0.28	86	1.0	200	0.16
J1A	Parnell silty clay loam, depressional, 0 to 1 percent slopes	NHEL	5	0.28	38	1.0	200	0.16
J2A	La Prairie loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.28	48	1.0	200	0.16

J7A	Sverdrup sandy loam, 0 to 2 percent slopes	NHEL	4	0.20	86	1.0	200	0.16
J7B	Sverdrup sandy loam, 2 to 6 percent slopes	NHEL	4	0.20	86	4.0	175	0.50
J11A	Vallers clay loam, 0 to 2 percent slopes	NHEL	5	0.28	86	1.0	200	0.16
J12A	Marysland loam, 0 to 2 percent slopes	NHEL	4	0.28	86	1.0	200	0.16
J17A	Quam silty clay loam, depressional, 0 to 1 percent slopes	NHEL	5	0.28	38	1.0	200	0.16
J18A	Malachy sandy loam, 1 to 3 percent slopes	NHEL	4	0.20	56	1.0	200	0.16
J23A	Lamoure silty clay loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.28	86	1.0	200	0.16
J25A	Rauville silty clay loam, 0 to 1 percent slopes, frequently flooded	NHEL	5	0.28	86	1.0	200	0.16
J26B	Darnen loam, 2 to 6 percent slopes	NHEL	5	0.28	48	4.0	175	0.50
J31B	Arvilla-Sandberg complex, 2 to 6 percent slopes	NHEL	3	0.20	86	4.0	175	0.50
J32A	Bigstone silty clay loam, depressional, 0 to 1 percent slopes	NHEL	5	0.28	38	1.0	200	0.16
J42C	Sandberg-Arvilla complex, 6 to 12 percent slopes	PHL	3	0.20	86	9.0	150	1.40
J45F	Sandberg sandy loam, 12 to 40 percent slopes	HEL	2	0.28	56	29.0	100	7.60
J48A	Southam silty clay loam, 0 to 1 percent slopes	NHEL	5	0.28	38	1.0	200	0.16
J57A	Balaton loam, 1 to 3 percent slopes	NHEL	5	0.28	86	2.0	200	0.24
J75A	Fordville loam, coteau, 0 to 2 percent slopes	NHEL	4	0.24	48	1.0	200	0.16
J75B	Renshaw-Fordville loams, coteau, 2 to 6 percent slopes	NHEL	4	0.24	48	4.0	175	0.50

J77A	Lamoure silty clay loam, 0 to 2 percent slopes, frequently flooded	NHEL	5	0.28	86	1.0	200	0.16
J80A	Lamoure-La Prairie complex, channeled, 0 to 2 percent slopes, frequently flooded	NHEL	5	0.28	86	1.0	200	0.16
J95E	Buse, stony-Wilno complex, 18 to 25 percent slopes	HEL	5	0.28	86	22.0	100	4.80
J95F	Buse, stony-Wilno complex, 25 to 40 percent slopes	HEL	5	0.28	86	33.0	100	9.50
J96C2	Barnes-Buse complex, 6 to 12 percent slopes, moderately eroded	PHEL	5	0.28	86	9.0	150	1.40
J100D2	Buse, eroded-Wilno complex, 12 to 18 percent slopes	HEL	5	0.28	86	15.0	100	2.50
J101B	Hokans-Svea complex, 1 to 4 percent slopes	NHEL	5	0.28	48	3.0	175	0.34
J104A	Svea loam, 1 to 3 percent slopes	NHEL	5	0.28	48	2.0	200	0.24
J105A	Arvilla sandy loam, MLRA 102A, 0 to 2 percent slopes	NHEL	3	0.20	86	1.0	200	0.16
J106B	Barnes-Buse-Svea complex, 1 to 6 percent slopes	NHEL	5	0.28	48	5.0	175	0.71
J107A	Lakepark-Roliss-Parnell, depressional, complex, 0 to 3 percent slopes	NHEL	5	0.28	48	1.0	200	0.16
J195B	Poinsett-Waubay silty clay loams, 1 to 6 percent slopes	NHEL	5	0.32	38	3.0	175	0.34
J198C2	Rusklyn-Poinsett complex, 6 to 12 percent slopes, moderately eroded	PHEL	5	0.32	38	9.0	150	1.40
J199A	Fulda silty clay, 0 to 2 percent slopes	NHEL	5	0.28	86	1.0	200	0.16
J227D2	Buse, moderately eroded-Sandberg complex, 12 to 18 percent slopes	HEL	2	0.28	56	15.0	100	2.50
J227F	Buse-Sandberg complex, 18 to 40 percent slopes	HEL	2	0.28	56	29.0	100	7.60
J232B	Barnes-Buse-Arvilla complex, 2 to 6 percent slopes	NHEL	3	0.20	86	4.0	175	0.50

J235C2	Buse-Barnes-Arvilla complex, 6 to 12 percent slopes, moderately eroded	PHL	3	0.20	86	9.0	150	1.40
J236A	Highpoint Lake silty clay, 0 to 2 percent slopes	NHEL	5	0.28	86	2.0	200	0.24
J237A	Brensall-Tress complex, 0 to 2 percent slopes	NHEL	5	0.24	48	1.0	200	0.16
J237B	Brensall-Tress complex 1 to 4 percent slopes	NHEL	5	0.28	48	3.0	175	0.34
J238D2	Buse, firm till-Wilno complex, 12 to 18 percent slopes	HEL	5	0.28	86	15.0	100	2.50
J238E	Buse, firm till-Wilno complex, 18 to 25 percent slopes	HEL	5	0.28	86	22.0	100	4.80
J238F	Buse, firm till-Wilno complex, 25 to 40 percent slopes	HEL	5	0.28	86	33.0	100	9.50
J240B	Forman-Aastad complex, 3 to 6 percent slopes	NHEL	5	0.28	48	3.0	175	0.34
J243A	Balaton clay loam, 1 to 3 percent slopes	NHEL	5	0.28	86	2.0	200	0.24
J250C2	Forman-Buse complex, 6 to 12 percent slopes, moderately eroded	PHL	5	0.28	86	9.0	150	1.40
J251A	Parnell silty clay loam, firm till, 0 to 2 percent slopes	NHEL	5	0.28	38	1.0	200	0.16
L84A	Glencoe clay loam, 0 to 1 percent slopes	NHEL	5	0.28	38	1.0	200	0.16
L96B	Estherville-Hawick complex, 2 to 6 percent slopes	NHEL	3	0.20	86	4.0	175	0.50
L139A	Wadena loam, 0 to 2 percent slopes	NHEL	4	0.24	48	1.0	200	0.16
L142A	Jeffers clay loam, 0 to 2 percent slopes	NHEL	5	0.24	48	1.0	200	0.16
L172D2	Storden, firm till-Annton complex, 12 to 18 percent slopes, moderately eroded	HEL	5	0.28	86	15.0	100	2.50
L173A	Moines clay loam, 1 to 3 percent slopes	NHEL	5	0.28	86	2.0	200	0.24

L198A	North Twin-Walnut Grove complex, 0 to 2 percent slopes	NHEL	5	0.24	48	1.0	200	0.16
L198B	North Twin-Walnut Grove complex, 1 to 4 percent slopes	NHEL	5	0.28	48	3.0	175	0.34
L201A	Normania loam, 1 to 3 percent slopes	NHEL	5	0.28	48	2.0	200	0.24
L202A	Pell Creek-Romnell complex, 0 to 2 percent slopes	NHEL	5	0.28	48	1.0	200	0.16
L207E	Belview-Ridgeton complex, 18 to 25 percent slopes, firm till substratum	HEL	5	0.28	86	22.0	100	4.80
L207F	Belview-Ridgeton complex, 18 to 40 percent slopes, firm till substratum	HEL	5	0.28	86	33.0	100	9.50
L214A	Calco-Du Page complex, 0 to 2 percent slopes, frequently flooded	NHEL	5	0.28	86	1.0	200	0.16
L220A	Calco silty clay loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.28	86	1.0	200	0.16
L221A	Du Page loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.28	48	1.0	200	0.16
L222C2	Ves-Storden-Pilot Grove complex, 6 to 12 percent slopes, moderately eroded	PHL	5	0.28	86	9.0	150	1.40
L225B	Annton-North Twin complex, 3 to 6 percent slopes	NHEL	5	0.28	48	5.0	175	0.71
L226C2	Annton-Storden, firm till complex, 6 to 12 percent slopes, moderately eroded	PHL	5	0.24	48	9.0	150	1.40
L229A	Romnell silty clay loam, depressional, 0 to 1 percent slopes	NHEL	5	0.28	38	1.0	200	0.16
L234A	Romnell silty clay loam, ponded, 0 to 1 percent slopes	NHEL	5	0.28	38	1.0	200	0.16
L242B	Terril loam, firm till substratum, 2 to 6 percent slopes	NHEL	5	0.28	48	4.0	175	0.50
L243A	Havelock-Zumbro complex, 0 to 3 percent slopes, frequently flooded	NHEL	5	0.28	86	1.0	200	0.16
L246B	Dickman sandy loam, firm till substratum, 1 to 6 percent slopes	NHEL	4	0.20	86	4.0	175	0.50

L248B	Annton-Swanlake, firm till complex, 3 to 6 percent slopes	NHEL	5	0.28	48	5.0	175	0.71
L249A	Knoke silty clay loam, firm till substratum, depressional, 0 to 1 percent slopes	NHEL	5	0.28	86	1.0	200	0.16
L250A	Lowlein loam, firm till, 1 to 3 percent slopes	NHEL	4	0.24	48	1.0	200	0.16
L251A	Blue Earth mucky silt loam, firm till substratum, depressional, 0 to 1 percent slopes	NHEL	5	0.28	86	1.0	200	0.16
GP	Pits, gravel-Udipsamments complex							
M-W	Water, miscellaneous							
W	Water							