

HIGHLY ERODIBLE SOIL MAP UNIT LIST FOR LINCOLN COUNTY, MN
C =.20, R = 110

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.

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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
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
J17A	Quam silty clay loam, depressional, 0 to 1 percent slopes	NHEL	5	0.28	38	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	86	1.0	200	0.16
J42C	Sandberg-Arvilla complex, 6 to 12 percent slopes	PHEL	3	0.20	86	10.0	150	1.40
J45F	Sandberg sandy loam, 12 to 40 percent slopes	HEL	3	0.20	86	29.0	100	7.60
J47A	Swenoda sandy loam, 1 to 3 percent slopes	NHEL	5	0.17	86	1.0	200	0.16
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	0.25
J70A	Brandt silty clay loam, 0 to 2 percent slopes	NHEL	5	0.28	48	1.0	200	0.16
J72B	Renshaw-Sandberg complex, 2 to 6 percent slopes	NHEL	3	0.20	86	4.0	175	0.50
J73D2	Buse clay loam, 12 to 18 percent slopes, moderately eroded	HEL	5	0.28	86	15.0	100	2.50
J73E	Buse clay loam, 18 to 25 percent slopes	HEL	5	0.28	86	22.0	100	4.80
J73F	Buse clay loam, 25 to 40 percent slopes	HEL	5	0.28	86	33.0	100	4.80
J182A	Estelline silt loam, coteau, 0 to 2 percent slopes	NHEL	4	0.32	48	1.0	200	0.16
J75A	Fordville loam, 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
J78A	Lismore silty clay loam, 1 to 3 percent slopes	NHEL	5	0.28	38	2.0	200	0.25
J79B	Vienna-Brookings complex, 1 to 6 percent slopes	NHEL	5	0.32	48	4.0	175	0.50
J80A	Lamoure-La Prairie complex, channeled, 0 to 2 percent slopes, frequently flooded	NHEL	5	0.28	86	1.0	200	0.16
J81C2	Renshaw-Barnes complex, 6 to 12 percent slopes, moderately eroded	PHL	3	0.20	86	9.0	150	1.40
J83F	Sandberg-Buse-Everts complex, 12 to 40 percent slopes	HEL	3	0.20	86	29.0	100	7.60
J84A	Strayhoss loam, 0 to 2 percent slopes	NHEL	5	0.28	48	1.0	200	0.16
J84B	Strayhoss loam, 2 to 6 percent slopes	NHEL	5	0.28	48	4.0	175	0.50

J85A	Trosky silty clay loam, 0 to 2 percent slopes	NHEL	4	0.28	86	1.0	200	0.16
J86B	Vienna silty clay loam, 3 to 6 percent slopes	NHEL	5	0.32	48	4.0	175	0.50
J88B	Kranzburg silty clay loam, 3 to 6 percent slopes	NHEL	5	0.32	48	4.0	175	0.50
J89B	Lanona-Swenoda complex, 2 to 6 percent slopes	NHEL	5	0.17	86	4.0	175	0.50
J90B	Kranzburg-Brookings complex, 1 to 6 percent slopes	NHEL	5	0.32	48	4.0	175	0.50
J91B	Darnen loam, stratified substratum, 2 to 6 percent slopes	NHEL	5	0.28	48	4.0	175	0.50
J92C2	Buse-Vienna complex, 6 to 12 percent slopes, moderately eroded	PHEL	5	0.32	48	9.0	150	1.40
J93A	Hidewood-Badger complex, 0 to 2 percent slopes	NHEL	5	0.28	38	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	4.80
J96B	Barnes-Buse complex, 3 to 6 percent slopes	NHEL	5	0.28	48	4.0	175	0.50
J96C2	Barnes-Buse complex, 6 to 12 percent slopes, moderately eroded	PHEL	5	0.28	86	9.0	150	1.40
J97B	Singsaas-Oak Lake complex, 1 to 6 percent slopes	NHEL	5	0.28	38	4.0	175	0.50
J98A	Parnell silty clay loam, 0 to 2 percent slopes	NHEL	5	0.28	48	1.0	200	0.16
J99A	Lakepark clay loam, 0 to 3 percent slopes, overwash	NHEL	5	0.28	48	1.0	200	0.16
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	4.0	175	0.50

J102A	Oak Lake silty clay loam, 1 to 3 percent slopes	NHEL	5	0.28	38	1.0	200	0.16
J103A	Winger silty clay loam, 0 to 2 percent slopes	NHEL	5	0.28	86	1.0	200	0.16
J104A	Svea loam, 1 to 3 percent slopes	NHEL	5	0.28	48	1.0	200	0.16
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	4.0	175	0.50
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	4.0	175	0.50
J197B	Lake Benton sandy loam, 2 to 6 percent slopes	NHEL	3	0.20	86	4.0	175	0.50
J197C	Lake Benton sandy loam, 6 to 12 percent slopes	PHEL	3	0.20	86	9.0	150	104.00
J198C2	Rusklyn-Poinsett complex, 6 to 12 percent slopes, moderately eroded	PHEL	5	0.43	86	8.0	150	1.20
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	3	0.20	86	15.0	100	2.50
J227F	Buse-Sandberg complex, 18 to 40 percent slopes	HEL	3	0.20	86	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	PHEL	3	0.20	86	9.0	150	1.40
J236A	Highpoint Lake silty clay, 0 to 2 percent slopes	NHEL	5	0.28	38	1.0	200	0.16
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	4.0	175	0.50
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	4.80
J240B	Forman-Aastad complex, 3 to 6 percent slopes	NHEL	5	0.28	48	4.0	175	0.50
J242F	Buse, firm till-Wilno-Lamoure, frequently flooded complex, 0 to 40 percent slopes	HEL	5	0.28	86	33.0	100	4.80
J243A	Balaton clay loam, 1 to 3 percent slopes	NHEL	5	0.28	86	2.0	200	0.25
J250C2	Forman-Buse complex, 6 to 12 percent slopes, moderately eroded	PHEL	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	48	1.0	200	0.16
L73A	Blue Earth mucky silt loam, 0 to 1 percent slopes	NHEL	5	0.28	86	1.0	200	0.16
L78A	Canisteo clay loam, 0 to 2 percent slopes	NHEL	5	0.28	48	1.0	200	0.16
L83A	Webster clay loam, 0 to 2 percent slopes	NHEL	5	0.28	48	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
L129B	Terril loam, 2 to 6 percent slopes	NHEL	5	0.28	48	4.0	175	0.50
L139A	Wadena loam, 0 to 2 percent slopes	NHEL	4	0.24	48	1.0	200	0.16
L139B	Wadena loam, 2 to 6 percent slopes	NHEL	4	0.24	48	4.0	175	0.50

L201A	Normania loam, 1 to 3 percent slopes	NHEL	5	0.28	48	1.0	200	0.16
L211B	Amiret-Round Lake-Swanlake complex, 2 to 6 percent slopes	NHEL	5	0.28	48	3.0	175	0.34
L212A	Burr-Nishna complex, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.28	86	1.0	200	0.16
L213A	Calco silty clay loam, 0 to 2 percent slopes, frequently flooded	NHEL	5	0.28	86	1.0	200	0.16
L214A	Calco-Du Page complex, 0 to 2 percent slopes, frequently flooded	NHEL	5	0.28	48	1.0	200	0.16
L215B	Dickman sandy loam, 2 to 6 percent slopes	NHEL	4	0.20	86	4.0	175	0.50
L216A	Du Page, rarely flooded-Wergeland complex, 0 to 3 percent slopes	NHEL	5	0.28	48	1.0	200	0.16
L217C2	Storden-Ves complex, 6 to 10 percent slopes, moderately eroded	PHEL	5	0.28	86	9.0	150	1.40
L218B	Amiret loam, 2 to 6 percent slopes	NHEL	5	0.28	48	4.0	175	0.50
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	86	1.0	200	0.16
L222C2	Ves-Storden-Pilot Grove complex, 6 to 12 percent slopes, moderately eroded	PHEL	5	0.28	86	9.0	150	1.40
L223B	Amiret-Swanlake loams, 2 to 6 percent slopes	NHEL	5	0.28	48	4.0	175	0.50
Z150A	Rauville silty clay loam, coteau, 0 to 1 percent slopes, frequently flooded	NHEL	5	0.28	86	1.0	200	0.16
Z152A	Lamoure silty clay loam, coteau, 0 to 1 percent slopes, occasionally flooded	NHEL	5	0.28	86	1.0	200	0.16
Z159A	Divide loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.28	86	1.0	200	0.16
Z162A	La Prairie loam, coteau, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.28	48	1.0	200	0.16

Z170A	Fordville loam, coteau, 0 to 2 percent slopes	NHEL	4	0.24	48	1.0	200	0.16
Z170B	Fordville loam, coteau, 2 to 6 percent slopes	NHEL	4	0.24	48	4.0	175	0.50
Z172A	Renshaw loam, coteau, 0 to 2 percent slopes	NHEL	3	0.20	86	1.0	200	0.16
Z173B	Renshaw-Sioux complex, coteau 2 to 6 percent slopes	NHEL	3	0.20	86	4.0	175	0.50
Z174F	Sioux-Renshaw complex, coteau, 15 to 40 percent slopes	HEL	3	0.20	86	29.0	100	7.60
Z176B	Arvilla-Sandberg sandy loams, coteau, 2 to 6 percent slopes	NHEL	3	0.20	86	4.0	175	0.50
Z177	Udorthents, coteau, (gravel pits)							
Z181A	Brandt silty clay loam, 0 to 2 percent slopes	NHEL	5	0.28	48	1.0	200	0.16
Z182B	Estelline silt loam, coteau, 2 to 6 percent slopes	NHEL	4	0.32	48	4.0	200	0.16
Z262A	Lamoure-La Prairie complex, coteau, channeled, 0 to 2 percent slopes, frequently flooded	NHEL	5	0.28	86	1.0	200	0.16
Z288A	Trosky silty clay loam, coteau, 0 to 2 percent slopes	NHEL	4	0.28	86	1.0	200	0.16
GP	Pits, gravel-Udipsamments complex							
M-W	Water, miscellaneous							
W	Water							