HIGHLY ERODIBLE SOIL MAP UNIT LIST FOR
WADENA COUNTY
C = .15 R = 100

APRIL 8, 1993

RECORD NUMBER	MAP UNIT SYMBOL	MAP UNIT NAME	T	K	I	TYPICAL SLOPE PERCENT	TYPICAL SLOPE LENGTH	LS FACTOR	HELC CATEGORY
MN0494	82B	REDEYE LOAMY SAND, 1 TO 6 PERCENT SLOPES	5	0.17	134	3	150	0.32	NHEL
MN0494	82C	REDEYE LOAMY SAND, 6 TO 12 PERCENT SLOPES	5	0.17	134	9	250	1.90	PHEL**
MI0180	126	GRAYCALM LOAMY SAND	5	0.17	134	1	100	0.13	NHEL
MN0493	139B	HUNTERSVILLE LOAMY FINE SAND, 1 TO 6 PERCENT SLOPES	4	0.17	134	3	125	0.31	NHEL
MN0021	187	HAUG MUCK	5		134	1	150	0.15	NHEL
MN0214	207A	NYMORE LOAMY SAND, 1 TO 3 PERCENT SLOPES	5	0.17	134	2	100	0.20	NHEL
MN0214	207B	NYMORE LOAMY SAND, 3 TO 6 PERCENT SLOPES	5	0.17	134	5	100	0.54	NHEL
MN0214	207C	NYMORE LOAMY SAND, 6 TO 12 PERCENT SLOPES	5	0.17	134	9	100	1.20	NHEL
MN0192	260	DUELM LOAMY SAND	5	0.17	134	1	125	0.14	NHEL
MN0528	261	ISAN LOAMY SAND	5	0.17	134	1	100	0.13	NHEL
MN0292	374B	ROCKWOOD SANDY LOAM, 2 TO 6 PERCENT SLOPES	5	0.24	86	4	250	0.60	NHEL
MN0292	374C	ROCKWOOD SANDY LOAM, 6 TO 12 PERCENT SLOPES	5	0.24	86	9	250	1.90	PHEL*
MN0292	374D	ROCKWOOD SANDY LOAM, 12 TO 18 PERCENT SLOPES	5	0.24	86	15	250	4.00	HEL
MN0070	375	FORADA LOAM	4	0.28	56	1	100	0.13	NHEL
MN0263	406A	DORSET SANDY LOAM, 1 TO 3 PERCENT SLOPES	3	0.20	86	2	150	0.23	NHEL
MN0263	406B	DORSET SANDY LOAM, 3 TO 6 PERCENT SLOPES	3	0.20	86	5	150	0.66	NHEL
MN0246	454B	MAHTOMEDI LOAMY SAND, 1 TO 8 PERCENT SLOPES	5	0.15	134	4	150	0.47	NHEL
MN0057	458A	MENAHGA LOAMY SAND, 0 TO 2 PERCENT SLOPES	5	0.15	134	1	100	0.15	NHEL
MN0057	458B	MENAHGA LOAMY COARSE SAND, 2 TO 6 PERCENT SLOPES	5	0.15	134	4	100	0.40	NHEL
MN0057	458C	MENAHGA LOAMY SAND, 6 TO 15 PERCENT SLOPES	5	0.15	134	10	100	1.40	PHEL**
MN0057	458E	MENAHGA LOAMY SAND, 15 TO 45 PERCENT SLOPES	5	0.15	134	30	100	8.00	PHEL*
MN0128	540	SEELYEVILLE MUCK	5		134	1	150	0.15	NHEL
MI0391	541	RIFLE MUCKY PEAT	5		56	1	150	0.15	NHEL
MI0387	543	MARKEY MUCK	4		134	1	150	0.15	NHEL
MI0392	544	CATHRO MUCK	5		134	1	150	0.15	NHEL
MN0148	545	RONDEAU MUCK	5		134	1	150	0.15	NHEL
MN0520	567A	VERNDALE SANDY LOAM, 0 TO 2 PERCENT SLOPES	3	0.20	86	1	150	0.15	NHEL
MN0520	567B	VERNDALE SANDY LOAM, 2 TO 6 PERCENT SLOPES	3	0.20	86	4	150	0.47	NHEL
MN0500	701	RUNEBERG MUCKY LOAM	5	0.32	56	1	100	0.13	NHEL
MN0286	720B	BLOWERS SANDY LOAM, 1 TO 5 PERCENT SLOPES	4	0.24	86	1	200	0.16	NHEL
MN0176	793***	PADDOCK COMPLEX	4	0.32	-	1	100	0.13	NHEL
MN0289	793	PADDOCK COMPLEX	5	0.32	56	1	-	-	---
WI0028	834***	FRIENDSHIP-MEEHAN LOAMY SANDS	5	0.17	134	2	100	0.20	NHEL
WI0255	834	FRIENDSHIP-MEEHAN LOAMY SANDS	5	0.17	134	1	-	-	---
-	1010	RIVERWASH	-	-	-	-	-	-	NHEL
NE0520	1015	PSAMMENTS, NEARLY LEVEL	5	0.10	134	-	-	-	NHEL
NE0524	1030	UDORTHENTS-PITS, COMPLEX	5	0.24	86	-	-	-	NHEL
MI0226	1941	EVART LOAM, FREQUENTLY FLOODED	5	0.28	56	1	100	0.13	NHEL
MN0499	1942	FORADA MUCKY LOAM, DEPRESSIONAL	4	0.28	56	1	100	0.13	NHEL
MI0422	1943	ROSCOMMON LOAMY SAND	5	0.17	134	1	100	0.13	NHEL
MN0509	1956	STAPLES LOAMY SAND	5	0.17	134	1	100	0.13	NHEL
WI0460	1957B	FRIENDSHIP LOAMY SAND, TILL SUBSTRATUM, 1 TO 6 PERCENT SLOPES	5	0.17	134	4	100	0.40	NHEL
MI0226	1968	EVART LOAM, OCCASIONALLY FLOODED	5	0.28	56	1	100	0.13	NHEL
MI0226	1969***	EVART-ISAN COMPLEX, CHANNELED	5	0.28	56	1	100	0.13	NHEL
MN0528	1969	EVART-ISAN COMPLEX, CHANNELED	5	0.20	86	1	-	-	---
MN0526	1970B	MENAHGA LOAMY SAND, TILL SUBSTRATUM, 1 TO 8 PERCENT SLOPES	5	0.17	134	4	100	0.40	NHEL
MN0529	1975	OYLEN SANDY LOAM	3	0.20	86	1	100	0.13	NHEL
MN0530	1984	LEAFRIVER MUCK	2		134	1	100	0.13	NHEL
WI0476	1985	FORDUM SILT LOAM, OCCASIONALLY FLOODED	4	0.28	-	1	100	0.13	NHEL

HIGHLY ERODIBLE LAND CLASSIFICATION

NHEL = NOT HIGHLY ERODIBLE LAND
PHEL = POTENTIALLY HIGHLY ERODIBLE LAND AND REQUIRES A FIELD VISIT TO DETERMINE A REPRESENTATIVE SLOPE PERCENT AND LENGTH FOR FSA PURPOSES.
HEL = HIGHLY ERODIBLE LAND

*** THESE PHEL MAP UNITS ARE CONSIDERED HEL BASED ON TYPICAL SLOPE PERCENTAGE AND LENGTH FOR DETERMINATIONS MADE IN THE OFFICE.**
**** THESE PHEL MAP UNITS ARE CONSIDERED NHEL BASED ON TYPICAL SLOPE PERCENTAGES AND LENGTH FOR DETERMINATIONS MADE IN THE OFFICE.**
***** USE THE MOST LIMITING SOIL IN THE COMPLEX TO DETERMINE THE RATING. ONLY ONE RATING IS GIVEN FOR A COMPLEX.**

HELC FOR WIND EROSION IS BASED ON THE C X I DIVIDED BY T IS EQUAL TO OR GREATER THAN 8.

HELC FOR WATER EROSION IS BASED ON THE R X K X LS DIVIDED BY T IS EQUAL TO OR GREATER THAN 8.