Soil Map Units and Component Highly Erodible Land Class — For Soil Survey Area 077 — February 1992

Day County — R=90 C=0.30

Published Map Symbol	Field Map Symbol	Soil Map Unit Name	Slope %	Component Name	Component %	* HEL Wind	* HEL Water	K	T	I
Aa	10	Aastad loam	0-2	Aastad	85	3	3	0.24	5	48
An	210	Aberdeen-Nahon silty clay loam	0-2							
			0-2	Aberdeen	50	3	3	0.37	3	38
			0-2	Nahon	35	3	3	0.28	3	38
Aq	102	Aquents, saline	0-1	Aquents	95	3	3	0.28	5	86
ArB	80B	Arvilla sandy loam	2-6	Arvilla	85	3	3	0.2	3	86
Ba	90	Bearden silt loam	0-1	Bearden	90	3	3	0.28	5	86
BaB	BaB	Bearden-Huffton silt loam	1-6							
			1-2	Bearden	50	3	3	0.28	5	86
			2-6	Huffton	40	3	3	0.32	5	86
BbA	BbA	Beotia silt loam	0-2	Beotia	90	3	3	0.28	5	48
Bc	224	Beotia-Rondell silt loams	0-3							
			0-2	Beotia	50	3	3	0.28	5	48
			0-3	Rondell	35	3	3	0.28	5	86
BnD	44D	Buse-Barnes loams	9-20							
			9-20	Buse	50	3	2	0.28	5	86
			9-15	Barnes	40	3	2	0.28	5	48
BoE	45E	Buse-Barnes loams, very stony	9-40							
			9-40	Buse	50	3	1	0.2	5	0
			9-25	Barnes	40	3	1	0.2	5	0
BpE	51E	Buse-Barnes-Parnell complex, stony	0-25							
			9-25	Buse	40	3	2	0.2	5	0
			9-25	Barnes	35	3	2	0.2	5	0
			0-1	Parnell	20	3	3	0.28	5	38
BrE	44E	Buse-Langhei complex	15-40							
			15-40	Buse	50	3	1	0.28	5	86
			25-40	Langhei	40	3	1	0.32	5	86
BsE	37E	Buse-La Prairie, channeled, Barnes loams	0-40							
			9-40	Buse	35	3	2	0.28	5	86
			0-2	La Prairie	30	3	3	0.28	5	48
			9-25	Barnes	25	3	2	0.28	5	48
BxE	49E	Buse-Sioux complex	9-40							
			9-40	Buse	55	3	1	0.28	5	86
			9-40	Sioux	30	3	1	0.2	2	56
Ca	58	Cavour-Ferney loams	0-2							
			0-2	Cavour	50	3	3	0.37	3	48
			0-2	Ferney	35	3	3	0.37	3	48
Cn	54	Colvin silty clay loam	0-1	Colvin	80	3	3	0.32	5	86
Cr	59	Cresbard-Cavour loams	0-2							
			0-2	Cresbard	50	3	3	0.32	3	48
			0-2	Cavour	40	3	3	0.37	3	48

Published Map Symbol	Field Map Symbol	Soil Map Unit Name	Slope %	Component Name	Component %	HEL Wind	HEL Water	K	T	I
Cu	53	Cubden silty clay loam	0-2	Cubden	85	3	3	0.28	5	86
Cw	72A	Cubden-Badger silt clay loams	0-2							
			0-2	Cubden	55	3	3	0.28	5	86
			0-1	Badger	35	3	3	0.28	5	38
Cx	253	Cubden-Tonka complex	0-2							
			0-2	Cubden	45	3	3	0.28	5	86
			0-1	Tonka	35	3	3	0.32	5	48
Dd	18B	Divide loam	0-3	Divide	80	3	3	0.28	4	86
Do	30A	Dovray silty clay	0-1	Dovray	85	3	3	0.28	5	86
EaA	EaA	Eckman very fine sandy loam	0-2	Eckman	90	3	3	0.28	5	86
EbB	EbB	Eckman-Gardena very fine sandy loams	2-6							
			2-6	Eckman	55	3	3	0.28	5	86
			2-3	Gardena	35	3	3	0.28	5	86
EcB	EbB	Eckman-Zell very fine sandy loams	1-6							
			2-6	Eckman	65	3	3	0.28	5	86
			2-6	Zell	25	3	3	0.32	5	86
EdC	20C	Edgeley loam	4-9	Edgeley	85	3	2	0.28	4	48
EgB	76B	Egeland-Embden complex	2-6							
			2-6	Egeland	60	3	3	0.2	5	86
			2-6	Embden	30	3	3	0.2	5	86
En	236	Exline-Aberdeen-Nahon silt loams	0-2							
			0-2	Exline	40	3	3	0.37	3	48
			0-2	Aberdeen	25	3	3	0.37	3	48
			0-2	Nahon	20	3	3	0.28	3	48
Ep	324	Exline-Putney silt loams	1-4							
			1-3	Exline	45	3	3	0.37	3	48
			2-4	Putney	40	3	3	0.32	5	48
Fd	82A	Fordville loam	0-2	Fordville	85	3	3	0.24	4	48
FmA	40A	Forman-Aastad loams	0-3							
			0-3	Forman	50	3	3	0.28	5	48
			0-2	Aastad	40	3	3	0.24	5	48
FmB	50B	Forman-Aastad loams	1-6							
			2-6	Forman	55	3	3	0.28	5	48
			1-2	Aastad	35	3	3	0.24	5	48
FnB	50B	Forman-Aastad-Parnell complex	0-6							
			2-6	Forman	40	3	3	0.28	5	48
			0-2	Aastad	30	3	3	0.24	5	48
			0-1	Parnell	20	3	3	0.28	5	38
FoB	41B	Forman-Buse-Aastad loams	1-6							
			2-6	Forman	40	3	3	0.28	5	48
			3-6	Buse	30	3	3	0.28	5	86
			1-2	Aastad	20	3	3	0.24	5	48
FoC	44C	Forman-Buse-Aastad loams	2-9							
			6-9	Forman	40	3	2	0.28	5	48
			6-9	Buse	30	3	2	0.28	5	86
			2-6	Aastad	20	3	3	0.24	5	48

Published Map Symbol	Field Map Symbol	Soil Map Unit Name	Slope %	Component Name	Component %	HEL Wind	HEL Water	K	T	I
FpB	52B	Forman-Buse-Parnell complex	0-6							
			2-6	Forman	45	3	3	0.28	5	48
			3-6	Buse	30	3	3	0.28	5	86
			0-1	Parnell	20	3	3	0.28	5	38
FpC	52C	Forman-Buse-Parnell complex	0-9							
			2-9	Forman	45	3	2	0.28	5	48
			3-9	Buse	30	3	2	0.28	5	86
			0-1	Parnell	20	3	3	0.28	5	38
Gb	221A	Great Bend silt loam	0-2	Great Bend	90	3	3	0.32	5	48
Gp	223A	Great Bend-Putney silt loams	0-2							
			0-2	Great Bend	50	3	3	0.32	5	48
			0-2	Putney	35	3	3	0.32	5	48
GzC	244C	Great Bend-Zell-Huffton silt loams	4-9							
			4-9	Great Bend	35	3	2	0.32	5	48
			6-9	Zell	30	3	2	0.32	5	86
			6-9	Huffton	20	3	2	0.32	5	86
HaA	13A	Hamerly loam	0-2	Hamerly	80	3	3	0.28	5	86
HaB	14B	Hamerly loam	2-6	Hamerly	80	3	3	0.28	5	86
Hb	9A	Hamerly-Parnell complex	0-4							
			0-4	Hamerly	50	3	3	0.28	5	86
			0-1	Parnell	40	3	3	0.28	5	38
Hd	246	Harmony-Aberdeen silty clay loams	0-2							
			0-2	Harmony	50	3	3	0.28	5	38
			0-2	Aberdeen	35	3	3	0.32	3	38
Hm	245	Harmony-Beotia silt loams	0-2							
			0-2	Harmony	55	3	3	0.28	5	48
			0-2	Beotia	35	3	3	0.28	5	48
Hr	288	Harriet loam	0-2	Harriet	85	3	3	0.37	3	48
HtA	170A	Hetland silty clay loam	0-2	Hetland	85	3	3	0.28	5	86
HuB	170B	Hetland-Rusklyn silty clay loams	2-6							
			2-6	Hetland	50	3	3	0.28	5	86
			2-6	Rusklyn	40	3	3	0.32	5	86
KbE	21E	Kloten-Buse complex	9-40							
			9-40	Kloten	50	3	1	0.32	2	48
			9-40	Buse	35	3	2	0.28	5	86
KrB	24B	Kranzburg-Brookings-Buse complex	1-6							
			2-6	Kranzburg	40	3	3	0.32	5	48
			1-2	Brookings	30	3	3	0.28	5	48
			3-6	Buse	20	3	3	0.28	5	86
Ks	23A	Kranzburg-Brookings silt loams	0-2							
			0-2	Kranzburg	60	3	3	0.32	5	48
			0-2	Brookings	25	3	3	0.28	5	48
KtB	60B	Kranzburg-Forman complex	2-6							
			2-6	Kranzburg	50	3	3	0.32	5	38
			2-6	Forman	40	3	3	0.28	5	48

Published Map Symbol	Field Map Symbol	Soil Map Unit Name	Slope %	Component Name	Component %	HEL Wind	HEL Water	K	T	I
La	91	La Prairie loam	0-2	La Prairie	90	3	3	0.28	5	48
Lh	90	La Prairie-Holmquist loams	0-2							
			0-2	La Prairie	50	3	3	0.28	5	48
			0-1	Holmquist	40	3	3	0.28	5	86
Lm	94	Lamoure silty clay loam	0-2	Lamoure	85	3	3	0.28	5	86
Lo	Lo	Lowe	0-1	Lowe	85	3	3	0.28	5	86
Lu	239	Ludden silty clay	0-1	Ludden	80	3	3	0.28	5	86
Lw	Lw	Ludden silty clay, ponded	0-1	Ludden	90	3	3	0.28	5	86
Lx	Lx	Ludden-Ludden, saline, silty clays	0-1							
			0-1	Ludden	50	3	3	0.28	5	86
			0-1	Ludden, saline	40	3	3	0.28	5	86
MaA	75A	Maddock-Egeland sandy loams	0-2							
			1-2	Maddock	50	3	3	0.17	5	86
			0-2	Egeland	40	3	3	0.2	5	86
MaB	75B	Maddock-Egeland sandy loams	2-6							
			2-6	Maddock	50	3	3	0.17	5	86
			2-6	Egeland	40	3	3	0.2	5	86
MaC	77C	Maddock-Egeland sandy loams	6-12							
			6-12	Maddock	55	3	3	0.17	5	86
			6-12	Egeland	35	3	3	0.2	5	86
Md	17A	Marysland-Divide loams	0-2							
			0-1	Marysland	50	3	3	0.28	4	86
			0-2	Divide	40	3	3	0.28	4	86
MfB	32A	Mauvais clay loam	2-6	Mauvais	85	3	3	0.32	5	86
MgB	33B	Mauvais clay loam, stony	2-6	Mauvais	80	3	3	0.28	5	0
MnA	80	Minnewasta sandy loam	0-2	Minnewasta	80	3	3	0.2	5	86
MoB	73B	Minnewasta sandy loam, stony	2-6	Minnewasta	80	3	3	0.2	5	0
Mw	79A	Minnewaukan loamy sand	0-3	Minnewaukan	90	1	3	0.17	5	134
Na	235	Nahon-Aberdeen-Exline silt loams	0-2							
			0-2	Nahon	45	3	3	0.28	3	48
			0-2	Aberdeen	25	3	3	0.32	3	48
			0-2	Exline	20	3	3	0.32	3	48
NsB	70B	Nutley-Sinai silty clays	2-6							
			2-6	Nutley	60	3	3	0.28	5	86
			2-6	Sinai	30	3	3	0.28	5	86
Oh	3	Oldham silty clay loam	0-1	Oldham	90	3	3	0.28	5	86
Or	101	Orthents, gravelly	0-60	Orthents	90	3	2	0.2	3	56
Pa	7	Parnell silty clay loam	0-1	Parnell	90	3	3	0.28	5	38
Pc	290	Playmoor silty clay loam	0-1	Playmoor	90	3	3	0.28	5	86
Pm	Pm	Playmoor-Lamoure silty clay loams, channeled	0-1							
			0-1	Playmoor	50	3	3	0.28	5	86
			0-1	Lamoure	40	3	3	0.28	5	86
PrC	62C	Poinsett-Rusklyn silty clay loams	6-9							
			6-9	Poinsett	50	3	2	0.32	5	38
			6-9	Rusklyn	35	3	2	0.32	5	86

Published Map Symbol	Field Map Symbol	Soil Map Unit Name	Slope %	Component Name	Component %	HEL Wind	HEL Water	K	T	I
PsB	62B	Poinsett-Rusklyn-Waubay silty clay loams	1-6							
			2-6	Poinsett	40	3	3	0.32	5	38
			2-6	Rusklyn	30	3	3	0.32	5	86
			1-2	Waubay	15	3	3	0.28	5	38
PwA	61A	Poinsett-Waubay silty clay loams	0-2							
			0-2	Poinsett	50	3	3	0.32	5	38
			0-2	Waubay	40	3	3	0.28	5	38
PwB	61B	Poinsett-Waubay silty clay loams	1-6							
			2-6	Poinsett	60	3	3	0.32	5	38
			1-2	Waubay	30	3	3	0.28	5	38
Ra	272	Ranslo-Harriet loams	0-2							
			0-2	Ranslo	50	3	3	0.37	3	48
			0-1	Harriet	40	3	3	0.37	3	48
Rb	98	Rauville silty clay loam	0-1	Rauville	90	3	3	0.28	5	86
RfA	84A	Renshaw-Fordville loams	0-2							
			0-2	Renshaw	50	3	3	0.28	3	48
			0-2	Fordville	35	3	3	0.24	4	48
RfB	83B	Renshaw-Fordville loams	2-6							
			2-6	Renshaw	65	3	2	0.28	3	48
			2-6	Fordville	25	3	3	0.24	4	48
RsA	86A	Renshaw-Sioux loams	0-2							
			0-2	Renshaw	60	3	3	0.28	3	48
			1-2	Sioux	30	1	3	0.28	2	56
RsB	86B	Renshaw-Sioux complex	2-9							
			2-9	Renshaw	55	3	2	0.28	3	48
			2-9	Sioux	35	1	2	0.2	2	56
Ru	Ru	Ryan-Ludden complex	0-1							
			0-1	Ryan	55	3	3	0.28	3	86
			0-1	Ludden	30	3	3	0.28	5	86
SaA	70A	Sinai-Nutley silty clays	0-2							
			0-2	Sinai	60	3	3	0.28	5	86
			0-2	Nutley	30	3	3	0.28	5	86
SbB	85B	Sioux gravelly loamy sand	2-6	Sioux	90	1	2	0.2	2	56
SoB	89B	Sioux gravelly loamy sand, very stony	2-6	Sioux	90	3	2	0.15	2	0
SrD	86D	Sioux-Renshaw complex	9-15							
			9-15	Sioux	50	1	1	0.2	2	56
			9-15	Renshaw	40	3	1	0.28	3	48
SrE	87E	Sioux-Renshaw complex	15-40							
			15-40	Sioux	60	1	1	0.2	2	56
			15-25	Renshaw	30	3	1	0.28	3	48
SsE	88E	Sioux-Renshaw complex, very stony	9-40							
			9-40	Sioux	60	3	1	0.2	2	0
			9-25	Renshaw	30	3	1	0.2	3	0
Sw	4	Southam silty clay loam	0-1	Southam	90	3	3	0.37	5	86
To	2	Tonka silt loam	0-1	Tonka	85	3	3	0.32	5	48
Va	15A	Vallers loam, saline	0-2	Vallers	90	3	3	0.28	5	86

Published Map Symbol	Field Map Symbol	Soil Map Unit Name	Slope %	Component Name	Component %	HEL Wind	HEL Water	K	T	I
Vh	14A	Vallers-Hamerly loams	0-2							
			0-2	Vallers	60	3	3	0.28	5	86
			0-2	Hamerly	30	3	3	0.28	5	86
VoA	78A	Vienna-Brookings complex	0-2							
			0-2	Vienna	60	3	3	0.32	5	48
			0-2	Brookings	30	3	3	0.28	5	38
VoB	78B	Vienna-Brookings complex	1-6							
			2-6	Vienna	65	3	3	0.32	5	48
			1-2	Brookings	25	3	3	0.28	5	38

* Highly Erodible Land Class

1 = Highly Erodible

2 = Potentially Highly Erodible

3 = Not Highly Erodible

6/30/88

SOIL MAP UNITS AND COMPONENT HIGHLY ERODIBLE LAND CLASS
FOR SOIL SURVEY AREA 037
DAY CO.

MAP SYMBOL	SOIL MAP UNIT NAME		%	HEL CLASS WIND	HEL CLASS WATER	SOIL LV K	SOIL LV T	HYDRIC SOILS
2	TONKA SILT LOAM							
		TONKA	100	3	3	0.32	5	HY-3
3	OLDHAM SILTY CLAY LOAM							
		OLDHAM	100	3	3	0.28	5	HY-3
4	SOUTHAM SILTY CLAY LOAM							
		SOUTHAM	100	ER	ER			HY-4
5	OLDHAM-VALLERS COMPLEX							
		OLDHAM	50	3	3	0.28	5	HY-3
		VALLERS	30	3	3	0.28	5	HY-2
6	NISHON CLAY LOAM							
		NISHON	100	3	3	0.37	5	HY-3
7	PARNELL SILTY CLAY LOAM							
		PARNELL	100	3	3	0.28	5	HY-4
8	HAMERLY LOAM, SALINE							
		HAMERLY	100	3	3	0.28	5	
9A	HAMERLY-PARNELL COMPLEX							
		HAMERLY	50	3	3	0.28	5	
		PARNELL	30	3	3	0.28	5	HY-4
10	AASTAD LOAM							
		AASTAD	100	3	3	0.24	4	1/
12	BEARDEN SILT LOAM, SALINE							
		BEARDEN	100	3	3	0.32	5	
13A	HAMERLY LOAM							
		HAMERLY	100	3	3	0.28	5	1/
14A	VALLERS-HAMERLY COMPLEX							
		VALLERS	50	3	3	0.28	5	HY-2
		HAMERLY	50	3	3	0.28	5	
		HAMERLY	30	3	3	0.28	5	
14B	HAMERLY LOAM							
		VALLERS	30	3	3	0.28	5	HY-2
15A	VALLERS SILTY CLAY LOAM, SALINE							
		VALLERS	100	3	3	0.28	5	HY-2
17A	DIVIDE-MARYSLAND COMPLEX							
		DIVIDE	50	3	3	0.28	4	
		MARYSLAND	30	3	3	0.28	4	HY-1
18A	DIVIDE LOAM							
		DIVIDE	100	3	3	0.28	4	
18B	DIVIDE LOAM							
		DIVIDE	100	3	3	0.28	4	
19A	DIVIDE-SPOTTSWOOD LOAMS							
		DIVIDE	50	3	3	0.28	4	
		SPOTTSWOOD	30	3	3	0.24	4	
20B	EDGELEY CLAY LOAM							
		EDGELEY	100	3	3	0.28	4	
20C	EDGELEY CLAY LOAM							
		EDGELEY	100	3	2	0.28	4	
21E	KLOTEN-BUSE COMPLEX							
		KLOTEN	50	3	1	0.32	2	
		BUSE	30	3	2	0.28	5	
23A	KRANZBURG-BROOKINGS SILT LOAMS							
		KRANZBURG	50	3	3	0.32	5	
		BROOKINGS	30	3	3	0.28	5	
24B	KRANZBURG-BARNES-BUSE COMPLEX							
		KRANZBURG	40	3	3	0.32	5	
		BARNES	30	3	3	0.28	5	
		BUSE	20	3	3	0.28	5	
27A	HAMERLY-TONKA COMPLEX							
		HAMERLY	50	3	3	0.28	5	
		TONKA	30	3	3	0.32	5	HY-3
30A	DOVRAY SILTY CLAY LOAM							
		DOVRAY	100	3	3	0.28	5	HY-4
37E	BUSE-BARNES-LAPRAIRIE COMPLEX							
		BUSE	40	3	2	0.28	5	2/
		BARNES	30	3	2	0.28	5	
		LAPRAIRIE	20	3	3	0.28	5	
40A	AASTAD-FORMAN LOAMS							
		AASTAD	50	3	3	0.24	5	1/
		FORMAN	30	3	3	0.28	5	

6/30/88

SOIL MAP UNITS AND COMPONENT HIGHLY ERODIBLE LAND CLASS
FOR SOIL SURVEY AREA 037
DAY CO.

MAP SYMBOL	SOIL MAP UNIT NAME		%	HEL CLASS WIND	HEL CLASS WATER	SOIL LV K	SOIL LV T	HYDRIC SOILS
40B	FORMAN-AASTAD LOAMS							
		FORMAN	50	3	3	0.28	5	1/
		AASTAD	30	3	3	0.24	5	
41B	FORMAN-BUSE-AASTAD COMPLEX							
		FORMAN	40	3	3	0.28	5	1/
		BUSE	30	3	3	0.28	5	
		AASTAD	20	3	3	0.24	5	
44C	FORMAN-BUSE-AASTAD COMPLEX							
		FORMAN	40	3	2	0.28	5	1/
		BUSE	30	3	2	0.28	5	
		AASTAD	20	3	2	0.24	5	
44D	BUSE-BARNES COMPLEX							
		BUSE	50	3	2	0.28	5	
		BARNES	30	3	2	0.28	5	
44E	BUSE-LANGHEI CLAY LOAMS							
		BUSE	50	3	1	0.28	5	
		LANGHEI	30	3	1	0.32	5	
45E	BUSE-BARNES COMPLEX, VERY STONY							
		BUSE	50	3	1	0.28	5	
		BARNES	30	3	1	0.28	5	
49E	BUSE-SIOUX COMPLEX							
		BUSE	50	3	1	0.28	5	
		SIOUX	30	3	1	0.20	2	
50B	FORMAN-AASTAD-PARNELL COMPLEX							
		FORMAN	40	3	3	0.28	5	
		AASTAD	30	3	3	0.24	5	
		PARNELL	20	3	3	0.28	5	HY-4
51E	BUSE-BARNES-PARNELL COMPLEX, STONY							
		BUSE	40	3	2	0.28	5	
		BARNES	30	3	2	0.28	5	
		PARNELL	20	3	3	0.28	5	HY-4
52C	FORMAN-BUSE-PARNELL COMPLEX							
		FORMAN	40	3	2	0.28	5	
		BUSE	30	3	2	0.28	5	
		PARNELL	20	3	3	0.28	5	HY-4
53	BEARDEN SILTY CLAY LOAM							
		BEARDEN	100	3	3	0.28	5	1/
60B	KRANZBURG-FORMAN COMPLEX							
		KRANZBURG	50	3	3	0.32	5	1/
		FORMAN	30	3	3	0.28	5	
61A	POINSETT-WAUBAY SILTY CLAY LOAMS							
		POINSETT	50	3	3	0.32	5	1/
		WAUBAY	30	3	3	0.28	5	
61B	POINSETT-WAUBAY SILTY CLAY LOAMS							
		POINSETT	50	3	3	0.32	5	1/
		WAUBAY	30	3	3	0.28	5	
62B	POINSETT-BUSE VARIANT SILTY CLAY LOAMS							
		POINSETT	50	3	3	0.32	5	
		BUSE VARIA	30	3	3	0.32	5	
62C	POINSETT-BUSE VARIANT SILTY CLAY LOAMS							
		POINSETT	50	3	2	0.32	5	
		BUSE VARIA	30	3	2	0.32	5	
70A	SINAI-NUTLEY SILTY CLAYS							
		SINAI	50	3	3	0.28	5	
		NUTLEY	30	3	3	0.28	5	
70B	SINAI-NUTLEY SILTY CLAYS							
		SINAI	50	3	3	0.28	5	
		NUTLEY	30	3	3	0.28	5	
74B	ARVILLA VARIANT SANDY LOAM							
		ARVILLA VA	100	3	3	0.17	5	
75B	MADDOCK SANDY LOAM							
		MADDOCK	100	3	3	0.17	5	
76B	EGELAND SANDY LOAM							
		EGELAND	100	3	3	0.20	5	
77C	EGELAND-MADDOCK SANDY LOAMS							
		EGELAND	50	3	3	0.20	5	
		MADDOCK	30	3	3	0.17	5	
78A	VIENNA SILT LOAM							
		VIENNA	100	3	3	0.32	5	
78B	VIENNA SILT LOAM							
		VIENNA	100	3	3	0.32	5	
78C	VIENNA SILT LOAM							
		VIENNA	100	3	2	0.32	5	
82A	FORDVILLE LOAM							
		FORDVILLE	100	3	3	0.24	4	
83B	RENSHAW-FORDVILLE LOAMS							
		RENSHAW	50	3	2	0.28	3	
		FORDVILLE	30	3	3	0.24	4	

SOIL MAP UNITS AND COMPONENT HIGHLY ERODIBLE LAND CLASS
FOR SOIL SURVEY AREA 037
DAY CO.

MAP SYMBOL	SOIL MAP UNIT NAME		%	HEL CLASS WIND	HEL CLASS WATER	SOIL K	SOIL T	HYDRIC SOILS
84A	RENSHAW-FORDVILLE LOAMS							
		RENSHAW	50	3	3	0.28	3	
		FORDVILLE	30	3	3	0.24	4	
86A	RENSHAW-SIOUX LOAMS							
		RENSHAW	50	3	3	0.28	3	
		SIOUX	30	1	3	0.28	2	
86B	RENSHAW-SIOUX COMPLEX							
		RENSHAW	50	3	2	0.28	3	
		SIOUX	30	1	2	0.28	2	
86D	SIOUX-RENSHAW COMPLEX							
		SIOUX	50	1	1	0.20	2	
		RENSHAW	30	3	1	0.28	3	
87E	SIOUX-RENSHAW COMPLEX							
		SIOUX	50	1	1	0.20	2	
		RENSHAW	30	3	1	0.28	3	
88E	SIOUX-RENSHAW COMPLEX, STONY							
		SIOUX	50	3	1	0.20	2	
		RENSHAW	30	3	1	0.28	3	
90	LAPRAIRIE-FAIRDALE VARIANT LOAMS, CHANNELED							
		LAPRAIRIE	50	3	3	0.28	5	2/
		FAIRDALE V	30	3	3	0.32	5	
91	LAPRAIRIE LOAM							
		LAPRAIRIE	100	3	3	0.28	5	2/
94	LAMOURE SILTY CLAY LOAM							
		LAMOURE	100	3	3	0.28	5	HY-1
98	RAUVILLE SILT LOAM							
		RAUVILLE	100	3	3	0.28	5	HY-1
99	LAMOURE-RAUVILLE COMPLEX							
		LAMOURE	50	3	3	0.28	5	HY-1
		RAUVILLE	30	3	3	0.28	5	HY-1
100	GRAVEL PITS							
		GRAVEL PIT	100	ER	ER			
101	ORTHENT, LOAMY-SKELETAL							
		ORTHENT	100	3	2	0.20	2	
201	ABERDEEN-NAHON SILT LOAMS							
		ABERDEEN	50	3	3	0.32	3	3/
		NAHON	30	3	3	0.28		
3								
208	RYAN-LUDDEN COMPLEX							
		RYAN	50	3	3	0.28	4	
		LUDDEN	30	3	3	0.28	5	HY-1
221A	GREAT BEND SILT LOAMS							
		GREAT BEND	100	3	3	0.32	5	
221B	GREAT BEND-BEOTIA SILT LOAMS							
		GREAT BEND	50	3	3	0.32	5	3/
		BEOTIA	30	3	3	0.28	5	
222A	BEOTIA SILT LOAM							
		BEOTIA	100	3	3	0.28	5	
223A	GREAT BEND-PUTNEY SILT LOAMS							
		GREAT BEND	50	3	3	0.32	5	3/
		PUTNEY	30	3	3	0.32	5	
224	BEOTIA-RONDELL SILT LOAMS							
		BEOTIA	50	3	3	0.28	5	3/
		RONDELL	30	3	3	0.28	5	
225A	ECKMAN SILT LOAM							
		ECKMAN	100	3	3	0.28	5	
235	NAHON-ABERDEEN-EXLINE SILT LOAMS							
		NAHON	40	3	3	0.28	3	3/
		ABERDEEN	30	3	3	0.32	3	
		EXLINE	20	3	3	0.28	3	
236	EXLINE-NAHON-ABERDEEN SILT LOAMS							
		EXLINE	40	3	3	0.28	3	3/
		NAHON	30	3	3	0.28	3	
		ABERDEEN	20	3	3	0.32	3	
237	DOVRAY VARIANT SILTY CLAY LOAM							
		DOVRAY VAR	100	3	3	0.28	5	3/
238	LUDDEN-LUDDEN SALINE, SILTY CLAYS							
		LUDDEN	50	3	3	0.28	5	HY-1
		LUDDEN, SA	30	3	3	0.28	5	
239	LUDDEN SILTY CLAY							
		LUDDEN	100	3	3	0.28	5	HY-1
244C	GREAT BEND-ZELL SILT LOAMS							
		GREAT BEND	50	3	2	0.32	5	
		ZELL	30	3	2	0.32	5	

SOIL MAP UNITS AND COMPONENT HIGHLY ERODIBLE LAND CLASS
FOR SOIL SURVEY AREA 037
DAY CO.

MAP SYMBOL	SOIL MAP UNIT NAME		%	HEL CLASS WIND	HEL CLASS WATER	SOIL LV K	SOIL LV T	HYDRIC SOILS
245	HARMONY-BEOTIA SILT LOAMS							
		HARMONY	50	3	3	0.28	5	3/
		BEOTIA	30	3	3	0.28	5	
246	HARMONY-ABERDEEN SILT LOAMS							
		HARMONY	50	3	3	0.28	5	3/
		ABERDEEN	30	3	3	0.32	3	
253	BEARDEN-TONKA SILT LOAMS							
		BEARDEN	50	3	3	0.28	5	
		TONKA	30	3	3	0.32	5	HY-3
260	PLAYMOOR SILTY CLAY LOAM							
		PLAYMOOR	100	3	3	0.28	5	HY-1
261	LADELLE SILT LOAM							
		LADELLE	100	3	3	0.28	5	2/
272	RANSLO-HARRIET LOAMS							
		RANSLO	50	3	3	0.37	5	
		HARRIET	30	3	3	0.37	3	HY-1
274	NISHON-HEIL SILT LOAMS							
		NISHON	50	3	3	0.43	5	HY-3
		HEIL	30	3	3	0.28	3	HY-3
279	WINSHIP-TONKA SILT LOAMS							
		WINSHIP	50	3	3	0.28	5	
		TONKA	30	3	3	0.32	5	HY-3
287	RANSLO SILTY CLAY LOAM							
		RANSLO	100	3	3	0.28	5	3/
290	COLVIN SILT LOAM, SALINE							
		COLVIN	100	3	3	0.32	5	HY-2
2938	ECKMAN-ZELL SILT LOAMS							
		ECKMAN	50	3	3	0.28	5	
		ZELL	30	3	3	0.32	5	
324	EXLINE-PUTNEY SILT LOAMS							
		EXLINE	50	3	3	0.37	3	3/
		PUTNEY	30	3	3	0.32	5	
325	BEARDEN-HUFFTON SILT LOAMS							
		BEARDEN	50	3	3	0.28	5	3/
		HUFFTON	30	3	3	0.32	5	

Footnotes:

R = 100, C = 0.30

1 = HIGHLY ERODIBLE, 2 = POTENTIALLY HIGHLY ERODIBLE,
3 = NOT HIGHLY ERODIBLE

HY = HYDRIC SOILS

ERROR = NOT RATED

1/ This map unit may have inclusions of hydric soils in depressions. PARNELL, TONKA, OR VALLERS SOILS

2/ Along the channel are some areas of hydric soils.

3/ This map unit may have inclusions of hydric soils in low areas. HEIL, LUDDEN, NISHON, OR PLAYMOOR SOILS.

Map Symbol	Mapping Unit Name	Erosion Symbols	Slope %	K	T	HEL Water	I	HEL Wind	Hyd Soi
4	Egeland loam and sandy loam	0	0-2	.20	5		86		
4	Egeland loam and sandy loam	0	2-6	.20	5		86		
4	Egeland loam and sandy loam	35,35F	0-2	.20	5		86		
4	Egeland loam and sandy loam	35,35F	2-6	.20	5		86		
4	Pierce gravelly sandy loam	0	6-9	.20	4	P	48		
4	Pierce gravelly sandy loam	35,35F	6-9	.20	4	P	48		
4	Pierce gravelly sandy loam	35,35F	9-15	.20	4	P	48		
10	Buse-Barnes loams	0,1PF,	2-6						
	Buse part	2RF,27R		.28	5		86		1/
	Barnes part			.28	5		48		
10	Buse-Barnes loams	3S,3SF,	2-6						
	Buse part	27S		.28	5		86		1/
	Barnes part			.28	5		48		
10	Buse-Barnes loams	27R,0,	6-9						
	Buse part	1PF,2RF		.28	5	P	86		1/
	Barnes part			.28	5	P	48		
10	Buse-Barnes loams	3S,3SF,	6-9						
	Buse part	37S		.28	5	P	86		1/
	Barnes part			.28	5	P	48		
10	Buse-Barnes loams	0,1,2R,	9-15						
	Buse part	2RF		.28	5	P	86		1/
	Barnes part			.28	5	P	48		
10	Buse-Barnes loams	3S,3SF,	9-15						
	Buse part	37S		.28	5	P	86		1/
	Barnes part			.28	5	P	48		3/
10	Buse-Barnes loams	35,35F,	15-25						
	Buse part	37S,0,1,		.28	5	H	86		
	Barnes part	2R,2RF		.28	5	H	48		1/
10	Buse-Barnes loams	0,2RF,							
		35,37S	25-40	.28	5	H	0		1/
10-34	Nutley silty clay loam and Buse loam	0,2RF, 27R	2-6						
	Nutley part			.28	5		38		
	Buse part			.28	5		86		
10-34	Nutley silty clay loam and Buse loam	3S	2-6						
	Nutley part			.28	5		38		
	Buse part			.28	5		86		
10-34	Nutley silty clay loam and Buse loam	0,2RF, 27R	6-9						
	Nutley part			.28	5	P	38		
	Buse part			.28	5	P	86		

Map Symbol	Mapping Unit Name	Erosion Symbols	Slope %	K	T	HEL Water	I	HEL Wind	Hy S
10-34	Nutley silty clay loam and Buse loam	3S	6-9						
	Nutley part			.28	5	P	38		
	Buse part			.28	5	P	86		
10-34	Nutley silty clay loam and Buse loam	0,2RF	9-15						
	Nutley part			.28	5	P	38		
	Buse part			.28	5	P	86		
11	Buse loamy, stony	0,1,1PF RF,2RF, 35,35F, 37S	2-6	.28	5		0		1
11	Buse loam, stony	0,1,1PF RF,2RF, 35,35F, 37S	6-9	.28	5	P	0		1
11	Buse loam, stony	0,1,1PF 2RF,35, 35F,37S, RF	9-15	.28	5	P	0		1
11	Buse loam, stony	0,1,1PF RF,2RF, 35,35F, 37S	15-25	.28	5	H	0		1
12	Barnes loam, stony	0,1PF, RF,2RF, R2F,3S, 2SF	2-6	.28	5		0		1
12	Barnes loam, stony	0,1PF, RF,2RF, R2F,3S, 2SF	6-9	.28	5	P	0		1
13,23 33	Egeland loam and sandy loam	0,1PF, RF,2RF, PF	0-2	.20	5		86		
13,23, 33	Egeland loam and sandy loam	0,1PF RF,2RF, R2F,PF	2-6	.20	5		86		
13,23 33	Egeland loam and sandy loam	3S,3SF	2-6	.20	5		86		
13,23 33	Egeland loam and sandy loam	0,1PF, RF,2RF, R2F,PF	6-9	.20	5		86		
13,23 33	Egeland loam and sandy loam	35,3SF, 3S	6-9	.20	5		86		

Map Symbol	Mapping Unit Name	Erosion Symbols	Slope %	K	T	HEL Water	I	HEL Wind	Hyd Soi
16,17	Barnes-Aastad loam	0,PF,RF	0-2	.28	5		48		1/
16,16B, 17	Barnes-Aastad loam	0,1,1PF, 2RF,PF, R2F	2-6						
	Barnes part			.28	5		48		1/
	Aastad part			.24	5		48		
16 16-71	Barnes loam	0,1,1PF 2RF	2-6	.28	5		48		1/
16	Barnes loam	0,1PF, 27R	6-9	.28	5	P	48		1/
16	Barnes loam	3S,3SF	6-9	.28	4	P	48		1/
16	Barnes loam	0,1,2RF	9-15	.28	5	P	48		1/
16A	Beadle silt loam	0,PF	0-2	.28	5		48		1/
16A	Beadle silt loam	0,1PF, 2R	2-6	.28	5		48		1/
16G	Tolley loam	0,PF,RF	0-2	.28	4		48		
16G	Tolley loam	0,1PF, 2RF	2-6	.28	4		48		
16G	Tolley loam	0	6-9	.28	4	P	48		
16G	Tolley loam	0	9-15	.28	4	P	48		2/
18	Great Bend-Beotia silt loam, moderately deep over till	0,F,PF	0-2	.32	5		48		2/
18	Great Bend-Beotia silt loam, moderately deep over till	0,1PF, 2RF	2-6	.32	5		48		2/
18	Great Bend-Beotia silt loam, moderately deep over till	3S	2-6	.32	4		48		2/
18	Great Bend-Beotia silt loam, moderately deep over till	0,2RF	6-9	.32	5	P	48		
18	Great Bend-Beotia silt loam,	3S	6-9	.32	4	P	48		
19,78	Foxhome sandy loam	0,PF, 1PF,RF	0-5	.20	5		86		HY-
20	Aberdeen complex	0,PF	0-2	.32	3		38		2/
20	Aberdeen complex	1PF	2-6	.32	3		38		2/
21	Exline complex	0,PF	0-2	.28	3		38		2/
23	Egeland loam and sandy loam	0,37S	9-15	.20	5	P	86		
31	Nutley silty clay	0,PF,RF	0-2	.28	5		86		
31	Nutley silty clay	0,1PF, RF,2RF, R2F	2-6	.28	5		86		
31	Nutley silty clay	0,2RF, R2F	6-9	.28	5	P	86		

Map Symbol	Mapping Unit Name	Erosion Symbols	Slope %	K	T	HEL Water	I	HEL Wind	Hyd Soi
31	Nutley silty clay	0,1PF, 2RF,R2F	9-15	.28	5	P	86		
32,32S	Sinai-Waubay silt loams-Barnes loams	0,1,PF	0-2	.28	5		48		1/
32,32S	Sinai-Waubay silt loams-Barnes loams	0,PF, 2RF	2-6	.28	5		48		1/
32,32S	Sinai-Waubay silt loams-Barnes loams	0,2RF, 27R	6-9	.28	5	P	48		1/
32,32S	Sinai-Waubay silt loams-Barnes loams	3S	6-9	.28	4	P	48		1/
32,32S	Sinai-Waubay silt loams-Barnes loams	2RF	9-15	.28	5	P	48		1/
34	Nutley silty clay loam	0,PF,RF	0-2	.28	5		38		
34	Nutley silty clay loam	0,1PF, 2RF	2-6	.28	5		38		
34	Nutley silty clay loam	0,2RF, 27R	6-9	.28	5	P	38		
34	Nutley silty clay loam	0,2RF, 27R	9-15	.28	5	P	38		
34-10	Nutley silty clay loam and Buse loam	27R	6-9						
	Nutley part			.28	5	P	38		
	Buse part			.28	4	P	86		
35	Sinai silty clay loam	0,1,PR	0-2	.28	5		38		
35	Sinai silty clay loam	0,1PR,	2-6	.28	5		38		
35	Sinai silty clay loam	2RF	6-9	.28	5	P	38		
36,36A, 36C,36L	Beotia silt loam	0,F,PF, RF	0-2	.28	5		48		2/
36,36A, 36C,36L	Beotia silt loam	0,1PF, 2RF,RF	2-6	.28	5		48		2/
36A,36, 36C,36L	Beotia silt loam	0,2RF	6-9	.28	5	P	48		2/
40	Fargo silty clay loam, saline phase	0,F,PF	0-2	.32	5		38		HY-
40A,45	Maple silty clay loam	0,F,PF	0-2	.28	5		86		HY-
46,46A	Parnell silty clay loam, very poorly drained (areas mapped on Prairie Coteau)	0,F,PF	0-2	.28	5		38		HY-

Map Symbol	Mapping Unit Name	Erosion Symbols	Slope %	K	T	HEL Water	I	HEL Wind	Hy So
46,46A	Tetonka silt loam, very poorly drained (all areas mapped on the Lake Dakota Plain)	0,F,PF	0-2	.32	5		48		H
47	Parnell silty clay loam, poorly drained (areas mapped on Prairie Coteau)	0,F,PF	0-2	.28	5		38		H
47	Tetonka silt loam, poorly drained (areas mapped in Lake Dakota Plain)	0,F,PF	0-2	.32	5		48		H
56	Lamoure silty clay loam, slightly saline	0,F,PF	0-2	.28	5		86		H
56A	Lamoure silty clay loam, moderately saline	0,F	0-2	.28	5		86		H
58	Rauville silty clay loam	0,F	0-2	.28	5				H
60,73	Pierce gravelly sandy loam	0,RF,PF 1PF,2R, 2RF,R2F	0-2	.20	4		48		
60,73	Pierce gravelly sandy loam	38,3SF, 37F	0-2	.20	4		48		
60	Pierce gravelly sandy loam	0,RF,PF 1PF,2R, 2RF,R2F	2-6	.20	4		48		
60	Pierce gravelly sandy loam	0,RF,PF 1PF,2R, 2RF,R2F	6-9	.20	4	P	48		
60	Pierce gravelly sandy loam	3S,35F, 37S	2-6	.20	4		48		
60	Pierce gravelly sandy loam	3S,35F, 37S	6-9	.20	4	P	48		
60	Pierce gravelly sandy loam	0,RF,PF 1PF,2R, 2RF,R2F, 35,35F, 37S	9-15	.20	4	P	48		
60	Pierce gravelly sandy loam	0,RF,PF 1PF,2R, 2RF,R2F, 3S,35F, 37S	15-25	.20	4	H	48		
60	Pierce gravelly sandy loam	0,RF,PF 1PF,2R, 2RF,R2F, 3S,35F, 37	25-40	.20	4	H	48		

Map Symbol	Mapping Unit Name	Erosion Symbols	Slope %	K	T	HEL Water	I	HEL Wind	Hy So
70	Fordville fine sandy loam	0,PF,RF	0-2	.20	4		86		
70, 70-16	Fordville fine sandy loam	0,1PF, RF,2RF, R2F,27R	2-6	.20	4		86		
70, 70-16	Fordville fine sandy loam	3S	2-6	.20	4		86		
70	Fordville fine sandy loam	0,1PF, 2RF,RF, R2F,27R	6-9	.20	4	P	86		
70	Fordville fine sandy loam	3S	6-9	.20	4	P	86		
70	Fordville fine sandy loam	3S	9-15	.20	4	P	86		
71, 71-16	Fordville loam	0,PF,RF	0-2	.24	4		48		
71 71-16	Fordville loam	0,PF, 1PF,RF, 2RF,R2F	2-6	.24	4		48		
71, 71-16	Fordville loam	3S,3SF	2-6	.24	3		48		
71, 71-16	Fordville loam	2RF	6-9	.24	4	P	48		
71, 71-16	Fordville loam	3S,3SF	6-9	.24	4	P	48		
71-74, 71-75, 71-77, 70-77	Fordville-Sioux loam and sandy loam	0,PF,RF	0-2						
	Fordville part			.24	4		48		
	Sioux part			.24	2		48		
71-74, 71-75, 71-77, 70-74, 70-77	Fordville-Sioux loam and sandy loam	0,1PF, RF,1RF, R2F	2-6						
	Fordville part			.24	4		48		
	Sioux part			.24	2	P	48		
71-74, 71-75, 71-77, 70-74, 70-77	Fordville-Sioux loam and sandy loam	3S	2-6						
	Fordville part			.24	4		48		
	Sioux part			.24	2	P	48		
71-74, 71-77, 70-77	Fordville-Sioux loam and sandy loam	0,2RF, RF,R2F,	6-9						
	Fordville part			.24	4	P	48		
	Sioux part			.24	2	P	48		
71-74, 71-77, 70-77	Fordville-Sioux loam and sandy loam	3S	6-9						
	Fordville part			.24	4	P	48		
	Sioux part			.24	2	P	48		

Map Symbol	Mapping Unit Name	Erosion Symbols	Slope %	K	T	HEL Water	I	HEL Wind	Hyd Soi
77=70, 77-71	Sioux-Fordville gravelly sandy loam and sandy loam	3S,3SF, 35,35F,	2-6						
74-70	Sioux part	37S		.24	2	P	48		
	Fordville part			.24	3	P	86		
77-70, 77-71	Sioux-Fordville gravelly sandy loam and sandy loam	0,1,PF, 1PF,PR,	6-9						
	Sioux part	F,RF,2R,		.24	2	P	48		
	Fordville part	2RF,R2F, 27R		.24	4	P	86		
77-70, 77-71	Sioux-Fordville gravelly sandy loam and sandy loam	3S,3SF, 35,35F,	6-9						
	Sioux part	37S		.24	2	P	48		
	Fordville part			.24	4	P	86		
77-70	Sioux-Fordville gravelly sandy loam and sandy loam	0,1,PF, 1PF,PR,	9-25						
	Sioux part	F,RF,2R,		.24	2	H	48		
	Fordville part	2RF,R2F, 27R,3S, 3SF,35, 35F,37S		.24	4	H	86		
90	Barnes loam-Pierce gravelly sandy loam	0	0-2						
	Barnes part			.28	5		48		1
	Pierce part			.20	4		48		
90	Barnes loam-Pierce gravelly sandy loam	0,RF, 2RF	2-6						
	Barnes part			.28	5		48		1/
	Pierce part			.20	4		48		
90	Barnes loam-Pierce gravelly sandy loam	0,RF, 2RF	6-9						
	Barnes part			.28	5	P	48		1/
	Pierce part			.20	4	P	48		
90	Barnes loam-Pierce gravelly sandy loam	0	9-15						
	Barnes part			.28	5	P	48		1/
	Pierce part			.20	4	P	48		
90	Barnes loam-Pierce gravelly sandy loam	3S	9-15						
	Barnes part			.28	5	P	48		1/
	Pierce part			.20	4	P	48		

Map Symbol	Mapping Unit Name	Erosion Symbols	Slope %	K	T	HEL Water	HEL Wind I	HEL S
72,75, 75-71	Sioux loam	0,RF,PF 1PF	0-2	.24	2		48	
72,75, 75-71	Sioux loam	0,2RF, R2F,RF, 1RF	2-6	.24	2	P	48	
72-75 75-71	Sioux loam	3S	2-6	.24	2	P	48	
72,75 75-71	Sioux loam	0,2RF,	6-9	.24	2	P	48	
72-75, 75-71	Sioux loam	3S	6-9	.24	2	P	48	
75	Sioux loam	0,2RF, 3S	9-15	.24	2	H	48	
74	Sioux sandy loam	0,PF,RF	0-2	.24	2		86	H
74	Sioux sandy loam	0,PF, 1PF,RF, 2RF,R2F	2-6	.24	2	P	86	H
74	Sioux sandy loam	0,2RF	6-9	.24	2	P	86	H
74	Sioux gravelly sandy loam	3S	6-9	.24	2	P	48	
74	Sioux sandy loam	0,2RF, 3S	9-15	.24	2	H	86	H
77	Sioux gravelly sandy loam	0,2RF, PF,1PF, 3S	0-2	.24	2		48	
77	Sioux gravelly sandy loam	0,2RF, PF,1PF, 3S	2-6	.24	2	P	48	
77-70, 74-70	Sioux-Fordville gravelly sandy loam and sandy loam Sioux part Fordville part	0,1,PF, 1PF,PR F,RF,2R, 2RF,R2F, 27R	0-2	.24 .24	2 4		48 86	
77-70, 77-71, 74-70	Sioux-Fordville gravelly sandy loam and sandy loam Sioux part Fordville part	0,1,PF, 1PF,PR F,RF,2R 2RF,R2F, 27R	2-6	.24 .24	2 4	P	48 86	

Map Symbol	Mapping Unit Name	Erosion Symbols	Slope %	K	T	HEL Water	HEL I	HEL Wind	Hy Sc
320	Kranzburg silt loam	0,PF	0-2	.32	5		48		
320	Kranzburg silt loam	0,1PF, 2RF	2-6	.32	5		48		
320	Kranzburg silt loam	2RF	6-9	.32	5	P	48		

R = 90
C = 0.30
H = Highly Erodible Soil
P = Potentially Highly Erodible Soil
HY = Hydric Soil

1/ = May contain inclusions of Hydric Soils (Parnell) in depressions.
2/ = May contain inclusions of Hydric Soils (Tonka) in depressions.
3/ = Along the stream channel may be Hydric Soils.

MUSYM	MAP_UNIT_NAME	COMPNAME	I
MfB	MAUVAIS CLAY LOAM, 2 TO 6 PERCENT SLOPES	MAUVAIS	86
MgB	MAUVAIS CLAY LOAM, 2 TO 6 PERCENT SLOPES, STONY	MAUVAIS	0
MnA	MINNEWASTA SANDY LOAM, 0 TO 2 PERCENT SLOPES	MINNEWASTA	86
MoB	MINNEWASTA SANDY LOAM, 2 TO 6 PERCENT SLOPES, STONY	MINNEWASTA	0
Mw	MINNEWAUKAN LOAMY SAND	MINNEWAUKAN	134
Na	NAHON-ABERDEEN-EXLINE SILT LOAMS	NAHON	48
Na	NAHON-ABERDEEN-EXLINE SILT LOAMS	ABERDEEN	48
Na	NAHON-ABERDEEN-EXLINE SILT LOAMS	EXLINE	48
NsB	NUTLEY-SINAI SILTY CLAYS, 2 TO 6 PERCENT SLOPES	NUTLEY	86
NsB	NUTLEY-SINAI SILTY CLAYS, 2 TO 6 PERCENT SLOPES	SINAI	86
Oh	OLDHAM SILTY CLAY LOAM	OLDHAM	86
Or	ORTHENTS, GRAVELLY	ORTHENTS, GRAVELLY	56
Pa	PARNELL SILTY CLAY LOAM	PARNELL	38
Pc	PLAYMOOR SILTY CLAY LOAM	PLAYMOOR	86
Pm	PLAYMOOR-LAMOURE SILTY CLAY LOAMS, CHANNELED	PLAYMOOR	86
Pm	PLAYMOOR-LAMOURE SILTY CLAY LOAMS, CHANNELED	LAMOURE	86
PrC	POINSETT-RUSKLYN SILTY CLAY LOAMS, 6 TO 9 PERCENT SLOPES	POINSETT	38
PrC	POINSETT-RUSKLYN SILTY CLAY LOAMS, 6 TO 9 PERCENT SLOPES	RUSKLYN	86
PsB	POINSETT-RUSKLYN-WAUBAY SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	POINSETT	38
PsB	POINSETT-RUSKLYN-WAUBAY SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	RUSKLYN	86
PsB	POINSETT-RUSKLYN-WAUBAY SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	WAUBAY	38
PwA	POINSETT-WAUBAY SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	POINSETT	38
PwA	POINSETT-WAUBAY SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	WAUBAY	38
PwB	POINSETT-WAUBAY SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	POINSETT	38
PwB	POINSETT-WAUBAY SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	WAUBAY	38
Ra	RANSLO-HARRIET LOAMS	RANSLO	48
Ra	RANSLO-HARRIET LOAMS	HARRIET	48
Rb	RAUVILLE SILTY CLAY LOAM	RAUVILLE	86
RfA	RENSHAW-FORDVILLE LOAMS, 0 TO 2 PERCENT SLOPES	RENSHAW	48
RfA	RENSHAW-FORDVILLE LOAMS, 0 TO 2 PERCENT SLOPES	FORDVILLE	48
RfB	RENSHAW-FORDVILLE LOAMS, 2 TO 6 PERCENT SLOPES	RENSHAW	48
RfB	RENSHAW-FORDVILLE LOAMS, 2 TO 6 PERCENT SLOPES	FORDVILLE	48
RsA	RENSHAW-SIOUX LOAMS, 0 TO 2 PERCENT SLOPES	RENSHAW	48
RsA	RENSHAW-SIOUX LOAMS, 0 TO 2 PERCENT SLOPES	SIOUX	56
RsB	RENSHAW-SIOUX COMPLEX, 2 TO 9 PERCENT SLOPES	RENSHAW	48
RsB	RENSHAW-SIOUX COMPLEX, 2 TO 9 PERCENT SLOPES	SIOUX	56
Ru	RYAN-LUDDEN COMPLEX	RYAN	38
Ru	RYAN-LUDDEN COMPLEX	LUDDEN	86
SaA	SINAI-NUTLEY SILTY CLAYS, 0 TO 2 PERCENT SLOPES	SINAI	86
SaA	SINAI-NUTLEY SILTY CLAYS, 0 TO 2 PERCENT SLOPES	NUTLEY	86
SbB	SIOUX GRAVELLY LOAMY SAND, 2 TO 6 PERCENT SLOPES	SIOUX	56
SoB	SIOUX GRAVELLY LOAMY SAND, 2 TO 6 PERCENT SLOPES, VERY STONY	SIOUX	0
SrD	SIOUX-RENSHAW COMPLEX, 9 TO 15 PERCENT SLOPES	SIOUX	56
SrD	SIOUX-RENSHAW COMPLEX, 9 TO 15 PERCENT SLOPES	RENSHAW	48
SrE	SIOUX-RENSHAW COMPLEX, 15 TO 40 PERCENT SLOPES	SIOUX	56
SrE	SIOUX-RENSHAW COMPLEX, 15 TO 40 PERCENT SLOPES	RENSHAW	48
SsE	SIOUX-RENSHAW COMPLEX, 9 TO 40 PERCENT SLOPES, VERY STONY	SIOUX	0
SsE	SIOUX-RENSHAW COMPLEX, 9 TO 40 PERCENT SLOPES, VERY STONY	RENSHAW	0
Sw	SOUTHAM SILTY CLAY LOAM	SOUTHAM	86
To	TONKA SILT LOAM	TONKA	48
Va	VALLERS LOAM, SALINE	VALLERS	86
Vh	VALLERS-HAMERLY LOAMS	VALLERS	86
Vh	VALLERS-HAMERLY LOAMS	HAMERLY	86
VoA	VIENNA-BROOKINGS COMPLEX, 0 TO 2 PERCENT SLOPES	VIENNA	48
VoA	VIENNA-BROOKINGS COMPLEX, 0 TO 2 PERCENT SLOPES	BROOKINGS	38
VoB	VIENNA-BROOKINGS COMPLEX, 1 TO 6 PERCENT SLOPES	VIENNA	48
VoB	VIENNA-BROOKINGS COMPLEX, 1 TO 6 PERCENT SLOPES	BROOKINGS	38

MUSYM	MAP_UNIT_NAME	COMPNAME	I
Aa	AASTAD LOAM	AASTAD	48
An	ABERDEEN-NAHON SILTY CLAY LOAMS	ABERDEEN	38
An	ABERDEEN-NAHON SILTY CLAY LOAMS	NAHON	38
Aq	AQUENTS, SALINE	AQUENTS, SALINE	86
ArB	ARVILLA SANDY LOAM, 2 TO 6 PERCENT SLOPES	ARVILLA	86
Ba	BEARDEN SILT LOAM	BEARDEN	86
BaB	BEARDEN-HUFFTON SILT LOAMS, 1 TO 6 PERCENT SLOPES	BEARDEN	86
BaB	BEARDEN-HUFFTON SILT LOAMS, 1 TO 6 PERCENT SLOPES	HUFFTON	86
BbA	BEOTIA SILT LOAM, 0 TO 2 PERCENT SLOPES	BEOTIA	48
Bc	BEOTIA-RONDELL SILT LOAMS, 0 TO 3 PERCENT SLOPES	BEOTIA	48
Bc	BEOTIA-RONDELL SILT LOAMS, 0 TO 3 PERCENT SLOPES	RONDELL	86
BnD	BUSE-BARNES LOAMS, 9 TO 20 PERCENT SLOPES	BUSE	86
BnD	BUSE-BARNES LOAMS, 9 TO 20 PERCENT SLOPES	BARNES	48
BoE	BUSE-BARNES LOAMS, 9 TO 40 PERCENT SLOPES, VERY STONY	BUSE	0
BoE	BUSE-BARNES LOAMS, 9 TO 40 PERCENT SLOPES, VERY STONY	BARNES	0
BpE	BUSE-BARNES-PARNELL COMPLEX, 0 TO 25 PERCENT SLOPES, STONY	BUSE	0
BpE	BUSE-BARNES-PARNELL COMPLEX, 0 TO 25 PERCENT SLOPES, STONY	BARNES	0
BpE	BUSE-BARNES-PARNELL COMPLEX, 0 TO 25 PERCENT SLOPES, STONY	PARNELL	38
BrE	BUSE-LANGHEI COMPLEX, 15 TO 40 PERCENT SLOPES	BUSE	86
BrE	BUSE-LANGHEI COMPLEX, 15 TO 40 PERCENT SLOPES	LANGHEI	86
BsE	BUSE-LA PRAIRIE, CHANNELED-BARNES LOAMS, 0 TO 40 PERCENT SLOPES	BUSE	86
BsE	BUSE-LA PRAIRIE, CHANNELED-BARNES LOAMS, 0 TO 40 PERCENT SLOPES	LA PRAIRIE	48
BsE	BUSE-LA PRAIRIE, CHANNELED-BARNES LOAMS, 0 TO 40 PERCENT SLOPES	BARNES	48
BxE	BUSE-SIOUX COMPLEX, 9 TO 40 PERCENT SLOPES	BUSE	86
BxE	BUSE-SIOUX COMPLEX, 9 TO 40 PERCENT SLOPES	SIOUX	56
Ca	CAVOUR-FERNEY LOAMS	CAVOUR	48
Ca	CAVOUR-FERNEY LOAMS	FERNEY	48
Cn	COLVIN SILTY CLAY LOAM	COLVIN	86
Cr	CRESBARD-CAVOUR LOAMS	CRESBARD	48
Cr	CRESBARD-CAVOUR LOAMS	CAVOUR	48
Cu	CUBDEN SILTY CLAY LOAM	CUBDEN	86
Cw	CUBDEN-BADGER SILTY CLAY LOAMS	CUBDEN	86
Cw	CUBDEN-BADGER SILTY CLAY LOAMS	BADGER	38
Cx	CUBDEN-TONKA COMPLEX	CUBDEN	86
Cx	CUBDEN-TONKA COMPLEX	TONKA	48
Dd	DIVIDE LOAM	DIVIDE	86
Do	DOVRAY SILTY CLAY	DOVRAY	86
EaA	ECKMAN VERY FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	ECKMAN	86
EbB	ECKMAN-GARDENA VERY FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	ECKMAN	86
EbB	ECKMAN-GARDENA VERY FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	GARDENA	86
EcB	ECKMAN-ZELL VERY FINE SANDY LOAMS, 1 TO 6 PERCENT SLOPES	ECKMAN	86
EcB	ECKMAN-ZELL VERY FINE SANDY LOAMS, 1 TO 6 PERCENT SLOPES	ZELL	86
EdC	EDGELEY LOAM, 4 TO 9 PERCENT SLOPES	EDGELEY	48
EgB	EGELAND-EMBDEN COMPLEX, 2 TO 6 PERCENT SLOPES	EGELAND	86
EgB	EGELAND-EMBDEN COMPLEX, 2 TO 6 PERCENT SLOPES	EMBDEN	86
En	EXLINE-ABERDEEN-NAHON SILT LOAMS	EXLINE	48
En	EXLINE-ABERDEEN-NAHON SILT LOAMS	ABERDEEN	48
En	EXLINE-ABERDEEN-NAHON SILT LOAMS	NAHON	48
Ep	EXLINE-PUTNEY SILT LOAMS, 1 TO 4 PERCENT SLOPES	EXLINE	48
Ep	EXLINE-PUTNEY SILT LOAMS, 1 TO 4 PERCENT SLOPES	PUTNEY	48
Fd	FORDVILLE LOAM, 0 TO 2 PERCENT SLOPES	FORDVILLE	48
FmA	FORMAN-AASTAD LOAMS, 0 TO 3 PERCENT SLOPES	FORMAN	48
FmA	FORMAN-AASTAD LOAMS, 0 TO 3 PERCENT SLOPES	AASTAD	48
FmB	FORMAN-AASTAD LOAMS, 1 TO 6 PERCENT SLOPES	FORMAN	48
FmB	FORMAN-AASTAD LOAMS, 1 TO 6 PERCENT SLOPES	AASTAD	48
FnB	FORMAN-AASTAD-PARNELL COMPLEX, 0 TO 6 PERCENT SLOPES	FORMAN	48
FnB	FORMAN-AASTAD-PARNELL COMPLEX, 0 TO 6 PERCENT SLOPES	AASTAD	48

MUSYM	MAP_UNIT_NAME	COMPNAME	I
FnB	FORMAN-AASTAD-PARNELL COMPLEX, 0 TO 6 PERCENT SLOPES	PARNELL	38
FoB	FORMAN-BUSE-AASTAD LOAMS, 1 TO 6 PERCENT SLOPES	FORMAN	48
FoB	FORMAN-BUSE-AASTAD LOAMS, 1 TO 6 PERCENT SLOPES	BUSE	86
FoB	FORMAN-BUSE-AASTAD LOAMS, 1 TO 6 PERCENT SLOPES	AASTAD	48
FoC	FORMAN-BUSE-AASTAD LOAMS, 2 TO 9 PERCENT SLOPES	FORMAN	48
FoC	FORMAN-BUSE-AASTAD LOAMS, 2 TO 9 PERCENT SLOPES	BUSE	86
FoC	FORMAN-BUSE-AASTAD LOAMS, 2 TO 9 PERCENT SLOPES	AASTAD	48
FpB	FORMAN-BUSE-PARNELL COMPLEX, 0 TO 6 PERCENT SLOPES	FORMAN	48
FpB	FORMAN-BUSE-PARNELL COMPLEX, 0 TO 6 PERCENT SLOPES	BUSE	86
FpB	FORMAN-BUSE-PARNELL COMPLEX, 0 TO 6 PERCENT SLOPES	PARNELL	38
FpC	FORMAN-BUSE-PARNELL COMPLEX, 0 TO 9 PERCENT SLOPES	FORMAN	48
FpC	FORMAN-BUSE-PARNELL COMPLEX, 0 TO 9 PERCENT SLOPES	BUSE	86
FpC	FORMAN-BUSE-PARNELL COMPLEX, 0 TO 9 PERCENT SLOPES	PARNELL	38
Gb	GREAT BEND SILT LOAM, 0 TO 2 PERCENT SLOPES	GREAT BEND	48
Gp	GREAT BEND-PUTNEY SILT LOAMS, 0 TO 2 PERCENT SLOPES	GREAT BEND	48
Gp	GREAT BEND-PUTNEY SILT LOAMS, 0 TO 2 PERCENT SLOPES	PUTNEY	48
GzC	GREAT BEND-ZELL-HUFFTON SILT LOAMS, 4 TO 9 PERCENT SLOPES	GREAT BEND	48
GzC	GREAT BEND-ZELL-HUFFTON SILT LOAMS, 4 TO 9 PERCENT SLOPES	ZELL	86
GzC	GREAT BEND-ZELL-HUFFTON SILT LOAMS, 4 TO 9 PERCENT SLOPES	HUFFTON	86
HaA	HAMERLY LOAM, 0 TO 2 PERCENT SLOPES	HAMERLY	86
HaB	HAMERLY LOAM, 2 TO 6 PERCENT SLOPES	HAMERLY	86
Hb	HAMERLY-PARNELL COMPLEX	HAMERLY	86
Hb	HAMERLY-PARNELL COMPLEX	PARNELL	38
Hd	HARMONY-ABERDEEN SILTY CLAY LOAMS	HARMONY	38
Hd	HARMONY-ABERDEEN SILTY CLAY LOAMS	ABERDEEN	38
Hm	HARMONY-BEOTIA SILT LOAMS	HARMONY	48
Hm	HARMONY-BEOTIA SILT LOAMS	BEOTIA	48
Hr	HARRIET LOAM	HARRIET	48
HtA	HETLAND SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	HETLAND	86
HuB	HETLAND-RUSKLYN SILTY CLAY LOAMS, 2 TO 6 PERCENT SLOPES	HETLAND	86
HuB	HETLAND-RUSKLYN SILTY CLAY LOAMS, 2 TO 6 PERCENT SLOPES	RUSKLYN	86
KbE	KLOTEN-BUSE COMPLEX, 9 TO 40 PERCENT SLOPES	KLOTEN	48
KbE	KLOTEN-BUSE COMPLEX, 9 TO 40 PERCENT SLOPES	BUSE	86
KrB	KRANZBURG-BROOKINGS-BUSE COMPLEX, 1 TO 6 PERCENT SLOPES	KRANZBURG	48
KrB	KRANZBURG-BROOKINGS-BUSE COMPLEX, 1 TO 6 PERCENT SLOPES	BROOKINGS	48
KrB	KRANZBURG-BROOKINGS-BUSE COMPLEX, 1 TO 6 PERCENT SLOPES	BUSE	86
Ks	KRANZBURG-BROOKINGS SILT LOAMS, 0 TO 2 PERCENT SLOPES	KRANZBURG	48
Ks	KRANZBURG-BROOKINGS SILT LOAMS, 0 TO 2 PERCENT SLOPES	BROOKINGS	48
KtB	KRANZBURG-FORMAN COMPLEX, 2 TO 6 PERCENT SLOPES	KRANZBURG	38
KtB	KRANZBURG-FORMAN COMPLEX, 2 TO 6 PERCENT SLOPES	FORMAN	48
La	LA PRAIRIE LOAM	LA PRAIRIE	48
Lh	LA PRAIRIE-HOLMQUIST LOAMS, CHANNELED	LA PRAIRIE	48
Lh	LA PRAIRIE-HOLMQUIST LOAMS, CHANNELED	HOLMQUIST	86
Lm	LAMOURE SILTY CLAY LOAM	LAMOURE	86
Lo	LOWE LOAM	LOWE	86
Lu	LUDDEN SILTY CLAY	LUDDEN	86
Lw	LUDDEN SILTY CLAY, PONDED	LUDDEN	86
Lx	LUDDEN-LUDDEN, SALINE SILTY CLAYS	LUDDEN	86
Lx	LUDDEN-LUDDEN, SALINE SILTY CLAYS	LUDDEN	86
MaA	MADDOCK-EGELAND SANDY LOAMS, 0 TO 2 PERCENT SLOPES	MADDOCK	86
MaA	MADDOCK-EGELAND SANDY LOAMS, 0 TO 2 PERCENT SLOPES	EGELAND	86
MaB	MADDOCK-EGELAND SANDY LOAMS, 2 TO 6 PERCENT SLOPES	MADDOCK	86
MaB	MADDOCK-EGELAND SANDY LOAMS, 2 TO 6 PERCENT SLOPES	EGELAND	86
MaC	MADDOCK-EGELAND SANDY LOAMS, 6 TO 12 PERCENT SLOPES	MADDOCK	86
MaC	MADDOCK-EGELAND SANDY LOAMS, 6 TO 12 PERCENT SLOPES	EGELAND	86
Md	MARYSLAND-DIVIDE LOAMS	MARYSLAND	86
Md	MARYSLAND-DIVIDE LOAMS	DIVIDE	86

MUSYM	MAP_UNIT_NAME	COMPNAME	I
w	WATER	WATER (LESS THAN 40 ACRES)	