SOIL MAP UNITS AND COMPONENT HIGHLY ERODIBLE LAND CLASS
FOR SOIL SURVEY AREA 111
SANBORN CO.

MAP SYMBOL	SOIL MAP UNIT NAME		%	HEL CLASS WIND	HEL CLASS WATER	SOIL LV K	SOIL LV T	HYDRIC SOILS
AAA	ALWILDA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES							
		ALWILDA	100	3	3	0.20	5	1/
AAB	ALWILDA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES							
		ALWILDA	100	3	3	0.20	5	
AB	ARTESIAN-FARMSWORTH COMPLEX							
		ARTESIAN	50	3	3	0.37	5	1/
		FARMSWORTH	30	3	3	0.37	3	
BAE	BETTS LOAM, 15 TO 40 PERCENT SLOPES							
		BETTS	100	3	1	0.28	5	
BBD	BETTS-ETHAN LOAMS, 9 TO 15 PERCENT SLOPES							
		BETTS	45	3	1	0.28	5	
		ETHAN	30	3	1	0.28	5	
BCA	BLENDON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES							
		BLENDON	100	3	3	0.20	5	1/
BCB	BLENDON FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES							
		BLENDON	100	3	3	0.20	5	
BD	BON LOAM, CHANNELED							
		BON	100	3	3	0.24	5	2/
CAA	CARTHAGE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES							
		CARTHAGE	100	3	3	0.20	5	3/
CAB	CARTHAGE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES							
		CARTHAGE	100	3	3	0.20	5	
CBA	CARTHAGE-CLARNO FINE SANDY LOAMS, 0 TO 2 PERCENT SLOPES							
		CARTHAGE	50	3	3	0.20	5	1/3/
		CLARNO	30	3	3	0.20	5	
CCB	CARTHAGE-HAND FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES							
		CARTHAGE	45	3	3	0.20	5	1/
		HAND	25	3	3	0.20	5	
CD	CLAMO LOAM							
		CLAMO	100	3	3	0.28	5	HY-1
CE	CLAMO SILTY CLAY							
		CLAMO	100	3	3	0.28	5	HY-1
CF	CLAMO SILTY CLAY, FREQUENTLY FLOODED							
		CLAMO	100	3	3	0.28	5	HY-1
CGA	CLARNO LOAM, 0 TO 2 PERCENT SLOPES							
		CLARNO	100	3	3	0.28	5	1/
CHB	CLARNO-BONILLA LOAMS, 1 TO 6 PERCENT SLOPES							
		CLARNO	40	3	3	0.28	5	1/
		BONILLA	30	3	3	0.24	5	
CKB	CLARNO-DUDLEY COMPLEX, 2 TO 6 PERCENT SLOPES							
		CLARNO	50	3	3	0.28	5	1/
		DUDLEY	25	3	3	0.43	3	
CMB	CLARNO-ETHAN LOAMS, 2 TO 6 PERCENT SLOPES							
		CLARNO	50	3	3	0.28	5	1/
		ETHAN	25	3	3	0.28	5	
COA	CLARNO-PROSPER LOAMS, 0 TO 2 PERCENT SLOPES							
		CLARNO	50	3	3	0.28	5	1/
		PROSPER	30	3	3	0.28	5	
DAB	DAVIS LOAM, 2 TO 6 PERCENT SLOPES							
		DAVIS	100	3	3	0.24	5	
DB	DAVISON LOAM							
		DAVISON	100	3	3	0.28	5	1/
DC	DAVISON VARIANT SILT LOAM							
		DAVISON VA	100	3	3	0.32	5	1/3/
DD	DELMONT LOAM, 0 TO 2 PERCENT SLOPES							
		DELMONT	100	3	3	0.28	3	
DEA	DOGER LOAMY FINE SAND, 0 TO 2 PERCENT SLOPES							
		DOGER	100	1	3	0.17	5	
DEB	DOGER LOAMY FINE SAND, 2 TO 6 PERCENT SLOPES							
		DOGER	100	1	3	0.17	5	
DFA	DUDLEY-JERAULD-CLARNO COMPLEX, 0 TO 2 PERCENT SLOPES							
		DUDLEY	30	3	3	0.43	3	1/
		JERAULD	30	3	3	0.43	3	
		CLARNO	20	3	3	0.28	5	

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DH	DURRSTEIN SILT LOAM							
		DURRSTEIN	100	3	3	0.37	3	HY-1
DK	DURRSTEIN-FARMSWORTH COMPLEX							
		DURRSTEIN	45	3	3	0.37	3	HY-1
		FARMSWORTH	30	3	3	0.37	3	
EA	ELSMERE LOAMY FINE SAND, LOAMY SUBSTRATUM							
		ELSMERE	100	1	3	0.17	5	3/
EB	ELSMERE-ORWET COMPLEX							
		ELSMERE	55	1	3	0.17	5	
		ORWET	25	3	3	0.24	4	HY-2
ECA	ENET LOAM, 0 TO 2 PERCENT SLOPES							
		ENET	100	3	3	0.28	4	
EDB	ENET-DELMONT LOAMS, 2 TO 6 PERCENT SLOPES							
		ENET	50	3	3	0.28	4	1/
		DELMONT	30	3	3	0.28	3	
EEC	ETHAN-CLARNO LOAMS, 6 TO 9 PERCENT SLOPES							
		ETHAN	45	3	2	0.28	5	1/
		CLARNO	35	3	2	0.28	5	
FA	FEDORA FINE SANDY LOAM							
		FEDORA	100	3	3	0.20	5	HY-2
FBA	FORESTBURG LOAMY FINE SAND, 0 TO 2 PERCENT SLOPES							
		FORESTBURG	100	1	3	0.17	5	3/
FCB	FORESTBURG-ETHAN LOAMY FINE SANDS, 2 TO 6 PERCENT SLOPES							
		FORESTBURG	50	1	3	0.17	5	3/
		ETHAN	25	1	3	0.17	5	
FCC	FORESTBURG-ETHAN LOAMY FINE SANDS, 6 TO 9 PERCENT SLOPES							
		FORESTBURG	50	1	3	0.17	5	
		ETHAN	35	1	3	0.17	5	
HAA	HAND-BONILLA LOAMS, 0 TO 2 PERCENT SLOPES							
		HAND	45	3	3	0.28	5	1/
		BONILLA	30	3	3	0.24	5	
HBB	HAND-ETHAN LOAMS, 2 TO 6 PERCENT SLOPES							
		HAND	50	3	3	0.28	5	1/
		ETHAN	25	3	3	0.28	5	
HCB	HOUDEK-DUDLEY COMPLEX, 2 TO 6 PERCENT SLOPES							
		HOUDEK	45	3	3	0.28	5	1/
		DUDLEY	30	3	3	0.43	3	
HDB	HOUDEK-ETHAN LOAMS, 2 TO 6 PERCENT SLOPES							
		HOUDEK	55	3	3	0.28	5	1/
		ETHAN	25	3	3	0.28	5	
HEA	HOUDEK-PROSPER LOAMS, 0 TO 2 PERCENT SLOPES							
		HOUDEK	55	3	3	0.28	5	1/
		PROSPER	30	3	3	0.28	5	
HEB	HOUDEK-PROSPER LOAMS, 2 TO 6 PERCENT SLOPES							
		HOUDEK	45	3	3	0.28	5	1/
		PROSPER	25	3	3	0.28	5	
HFA	HOUDEK-STICKNEY LOAMS, 0 TO 2 PERCENT SLOPES							
		HOUDEK	45	3	3	0.28	5	1/
		STICKNEY	25	3	3	0.37	3	
HK	HOVEN SILT LOAM							
		HOVEN	100	3	3	0.37	3	HY-3
HM	HOVEN-DURRSTEIN SILT LOAMS, 0 TO 2 PERCENT SLOPES							
		HOVEN	45	3	3	0.37	3	HY-3
		DURRSTEIN	35	3	3	0.37	3	HY-1
IA	IPAGE-ELS LOAMY FINE SANDS							
		IPAGE	50	1	3	0.17	5	3/
		ELS	30	1	3	0.15	5	
JA	JAMES SILTY CLAY							
		JAMES	100	3	3	0.28	5	HY-1
LA	LAMO SILTY CLAY LOAM							
		LAMO	100	3	3	0.32	5	HY-1
LB	LUTE FINE SANDY LOAM							
		LUTE	100	1	3	0.24	3	
LC	LUTE FINE SANDY LOAM, PONDED							
		LUTE	100	3	3	0.24	3	HY-4
LDA	LUTE-WHITELAKE FINE SANDY LOAMS, 0 TO 2 PERCENT SLOPES							
		LUTE	50	1	3	0.24	3	
		WHITELAKE	30	1	3	0.24	3	
OA	ORWET FINE SANDY LOAM							
		ORWET	100	3	3	0.24	4	HY-2

6/30/88

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MAP SYMBOL	SOIL MAP UNIT NAME		%	HEL CLASS WIND	HEL CLASS WATER	SOIL LV K	SOIL LV T	HYDRIC SOILS
PA	PITS, GRAVEL							
		PITS	100	ER	ER			
SA	SHUE-DAVISON LOAMY FINE SANDS							
		SHUE	65	1	3	0.17	5	1/3/
		DAVISON	25	1	3	0.17	5	
SB	SHUE VARIANT LOAMY FINE SAND							
		SHUE VARIA	100	1	3	0.17	5	HY-3
TA	TETONKA LOAMY FINE SAND, OVERBLOWN							
		TETONKA	100	1	3	0.17	3	HY-3
TB	TETONKA SILT LOAM							
		TETONKA	100	3	3	0.24	3	HY-3
TCA	TETONKA-DAVISON-CLARNO COMPLEX, 0 TO 2 PERCENT SLOPES							
		TETONKA	30	3	3	0.24	3	HY-3
		DAVISON	25	3	3	0.28	5	
		CLARNO	20	3	3	0.28	5	
TD	TETONKA VARIANT FINE SANDY LOAM							
		TETONKA VA	100	3	3	0.20	5	HY-3
VAC	VALENTINE FINE SAND, 3 TO 15 PERCENT SLOPES							
		VALENTINE	100	1	3	0.15	5	
WA	WANN FINE SANDY LOAM							
		WANN	100	3	3	0.20	5	
WB	WANN-LAMO COMPLEX							
		WANN	50	3	3	0.28	5	
		LAMO	40	3	3	0.32	5	HY-1
WCB	WHITELAKE-WOONSOCKET FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES							
		WHITELAKE	45	1	3	0.24	3	1/
		WOONSOCKET	35	3	3	0.20	4	
WD	WOONSOCKET FINE SANDY LOAM							
		WOONSOCKET	100	3	3	0.20	4	
WE	WORTHING SILT LOAM							
		WORTHING	100	3	3	0.37	5	HY-4
WK	WORTHING SILT LOAM, PONDED							
		WORTHING	100	3	3	0.37	5	HY-4

Footnotes:

R = 95, 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. HOVEN OR TETONKA SOILS

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

3/ This map unit may have inclusions of hydric soils in low areas. ORWET OR SHUE VARIANT SOILS

SANBORN COUNTY, SOUTH DAKOTA

P_UNIT_NAME	COMPNAME	I
WILDA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	ALWILDA	86
WILDA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	ALWILDA	86
TESIAN-FARMSWORTH COMPLEX	ARTESIAN	86
TESIAN-FARMSWORTH COMPLEX	FARMSWORTH	48
TTS LOAM, 15 TO 40 PERCENT SLOPES	BETTS	86
TTS-ETHAN LOAMS, 9 TO 15 PERCENT SLOPES	BETTS	86
TTS-ETHAN LOAMS, 9 TO 15 PERCENT SLOPES	ETHAN	86
ENDON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	BLENDON	86
ENDON FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	BLENDON	86
N LOAM, CHANNELED	BON	48
RTHAGE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	CARTHAGE	86
RTHAGE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	CARTHAGE	86
RTHAGE-CLARNO FINE SANDY LOAMS, 0 TO 2 PERCENT SLOPES	CARTHAGE	86
RTHAGE-CLARNO FINE SANDY LOAMS, 0 TO 2 PERCENT SLOPES	CLARNO	86
RTHAGE-HAND FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	CARTHAGE	86
RTHAGE-HAND FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	HAND	86
AMO LOAM	CLAMO	48
AMO SILTY CLAY	CLAMO	86
AMO SILTY CLAY, FREQUENTLY FLOODED	CLAMO	86
ARNO LOAM, 0 TO 2 PERCENT SLOPES	CLARNO	48
ARNO-BONILLA LOAMS, 2 TO 6 PERCENT SLOPES	CLARNO	48
ARNO-BONILLA LOAMS, 2 TO 6 PERCENT SLOPES	BONILLA	48
ARNO-DUDLEY COMPLEX, 2 TO 6 PERCENT SLOPES	CLARNO	48
ARNO-DUDLEY COMPLEX, 2 TO 6 PERCENT SLOPES	DUDLEY	48
ARNO-ETHAN LOAMS, 2 TO 6 PERCENT SLOPES	CLARNO	48
ARNO-ETHAN LOAMS, 2 TO 6 PERCENT SLOPES	ETHAN	86
ARNO-PROSPER LOAMS, 0 TO 2 PERCENT SLOPES	CLARNO	48
ARNO-PROSPER LOAMS, 0 TO 2 PERCENT SLOPES	PROSPER	48
VIS LOAM, 2 TO 6 PERCENT SLOPES	DAVIS	48
VISON LOAM	DAVISON	86
VISON VARIANT SILT LOAM	DAVISON VARIANT	86
LMONT LOAM, 0 TO 2 PERCENT SLOPES	DELMONT	48
GER LOAMY FINE SAND, 0 TO 2 PERCENT SLOPES	DOGER	134
GER LOAMY FINE SAND, 2 TO 6 PERCENT SLOPES	DOGER	134
DLEY-JERAULD-CLARNO COMPLEX, 0 TO 2 PERCENT SLOPES	DUDLEY	48
DLEY-JERAULD-CLARNO COMPLEX, 0 TO 2 PERCENT SLOPES	JERAULD	48
DLEY-JERAULD-CLARNO COMPLEX, 0 TO 2 PERCENT SLOPES	CLARNO	48
RRSTEIN SILT LOAM	DURRSTEIN	48
RRSTEIN-FARMSWORTH COMPLEX	DURRSTEIN	48
RRSTEIN-FARMSWORTH COMPLEX	FARMSWORTH	48
SMERE LOAMY FINE SAND, LOAMY SUBSTRATUM	ELSMERE	134
SMERE-ORWET COMPLEX	ELSMERE	134
SMERE-ORWET COMPLEX	ORWET	86
ET LOAM, 0 TO 2 PERCENT SLOPES	ENET	48
ET-DELMONT LOAMS, 2 TO 6 PERCENT SLOPES	ENET	48
ET-DELMONT LOAMS, 2 TO 6 PERCENT SLOPES	DELMONT	48
HAN-CLARNO LOAMS, 6 TO 9 PERCENT SLOPES	ETHAN	86
HAN-CLARNO LOAMS, 6 TO 9 PERCENT SLOPES	CLARNO	48
DORA FINE SANDY LOAM	FEDORA	86
RESTBURG LOAMY FINE SAND, 0 TO 2 PERCENT SLOPES	FORESTBURG	134
RESTBURG-ETHAN LOAMY FINE SANDS, 2 TO 6 PERCENT SLOPES	FORESTBURG	134
RESTBURG-ETHAN LOAMY FINE SANDS, 2 TO 6 PERCENT SLOPES	ETHAN	134
RESTBURG-ETHAN LOAMY FINE SANDS, 6 TO 9 PERCENT SLOPES	FORESTBURG	134
RESTBURG-ETHAN LOAMY FINE SANDS, 6 TO 9 PERCENT SLOPES	ETHAN	134
ND-BONILLA LOAMS, 0 TO 2 PERCENT SLOPES	HAND	48

AP_UNIT_NAME	COMPNAME	I
AND-BONILLA LOAMS, 0 TO 2 PERCENT SLOPES	BONILLA	48
AND-ETHAN LOAMS, 2 TO 6 PERCENT SLOPES	HAND	48
AND-ETHAN LOAMS, 2 TO 6 PERCENT SLOPES	ETHAN	86
OUDEK-DUDLEY COMPLEX, 2 TO 6 PERCENT SLOPES	HOUDEK	48
OUDEK-DUDLEY COMPLEX, 2 TO 6 PERCENT SLOPES	DUDLEY	48
OUDEK-ETHAN LOAMS, 2 TO 6 PERCENT SLOPES	HOUDEK	48
OUDEK-ETHAN LOAMS, 2 TO 6 PERCENT SLOPES	ETHAN	86
OUDEK-PROSPER LOAMS, 0 TO 2 PERCENT SLOPES	HOUDEK	48
OUDEK-PROSPER LOAMS, 0 TO 2 PERCENT SLOPES	PROSPER	48
OUDEK-PROSPER LOAMS, 2 TO 6 PERCENT SLOPES	HOUDEK	48
OUDEK-PROSPER LOAMS, 2 TO 6 PERCENT SLOPES	PROSPER	48
OUDEK-STICKNEY LOAMS, 0 TO 2 PERCENT SLOPES	HOUDEK	48
OUDEK-STICKNEY LOAMS, 0 TO 2 PERCENT SLOPES	STICKNEY	48
OVEN SILT LOAM	HOVEN	48
OVEN-DURRSTEIN SILT LOAMS, 0 TO 2 PERCENT SLOPES	HOVEN	48
OVEN-DURRSTEIN SILT LOAMS, 0 TO 2 PERCENT SLOPES	DURRSTEIN	48
PAGE-ELS LOAMY FINE SANDS	IPAGE	134
PAGE-ELS LOAMY FINE SANDS	ELS	134
AMES SILTY CLAY	JAMES	86
AMO SILTY CLAY LOAM	LAMO	86
TE FINE SANDY LOAM	LUTE	86
TE FINE SANDY LOAM, PONDED	LUTE	86
TE-WHITELAKE FINE SANDY LOAMS, 0 TO 2 PERCENT SLOPES	LUTE	86
TE-WHITELAKE FINE SANDY LOAMS, 0 TO 2 PERCENT SLOPES	WHITELAKE	86
WET FINE SANDY LOAM	ORWET	86
THENTS, GRAVELLY	ORTHENTS, GRAVELLY	56
UE-DAVISON LOAMY FINE SANDS	SHUE	134
UE-DAVISON LOAMY FINE SANDS	DAVISON	134
UE VARIANT LOAMY FINE SAND	SHUE VARIANT	134
TONKA LOAMY FINE SAND, OVERBLOWN	TETONKA	134
TONKA SILT LOAM	TETONKA	48
TONKA-DAVISON-CLARNO COMPLEX, 0 TO 2 PERCENT SLOPES	TETONKA	48
TONKA-DAVISON-CLARNO COMPLEX, 0 TO 2 PERCENT SLOPES	DAVISON	86
TONKA-DAVISON-CLARNO COMPLEX, 0 TO 2 PERCENT SLOPES	CLARNO	48
TONKA VARIANT FINE SANDY LOAM	TETONKA VARIANT	86
LENTINE FINE SAND, 3 TO 15 PERCENT SLOPES	VALENTINE	250
NN FINE SANDY LOAM	WANN	86
NN-LAMO COMPLEX	WANN	56
NN-LAMO COMPLEX	LAMO	86
ITELAKE-WOONSOCKET FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	WHITELAKE	86
ITELAKE-WOONSOCKET FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	WOONSOCKET	86
ONSOCKET FINE SANDY LOAM	WOONSOCKET	86
RTHING SILT LOAM	WORTHING	48
RTHING SILT LOAM, PONDED	WORTHING	0
TER	WATER (LESS THAN 40 ACRES)	