6/30/88

SOIL MAP UNITS AND COMPONENT HIGHLY ERODIBLE LAND CLASS
FOR SOIL SURVEY AREA 043
DOUGLAS CO.

MAP SYMBOL	SOIL MAP UNIT NAME		%	HEL CLASS WIND	HEL CLASS WATER	SOIL LV K	SOIL LV T	HYDRIC SOILS
AR	ARLO LOAM							
		ARLO	100	3	3	0.28	4	HY-1
AX	ARLO LOAM, VERY POORLY DRAINED							
		ARLO	100	3	3	0.28	4	HY-1
BAB	BEADLE CLAY LOAM, 2 TO 6 PERCENT SLOPES							
		BEADLE	100	3	3	0.28	5	1/
BEE	BETTS-ETHAN LOAMS, 15 TO 40 PERCENT SLOPES							
		BETTS	50	3	1	0.28	5	
		ETHAN	40	3	1	0.28	5	
BN	BON LOAM							
		BON	100	3	3	0.24	5	2/
BO	BON LOAM, CHANNELED							
		BON	100	3	3	0.24	5	2/
CEC	CLARNO-ETHAN LOAMS, 6 TO 9 PERCENT SLOPES							
		CLARNO	55	3	2	0.28	5	1/
		ETHAN	30	3	2	0.28	5	
CNA	CLARNO-ETHAN-PROSPER LOAMS, 0 TO 3 PERCENT SLOPES							
		CLARNO	45	3	3	0.28	5	1/
		ETHAN	25	3	3	0.28	5	
		PROSPER	20	3	3	0.28	5	
CNB	CLARNO-ETHAN-PROSPER LOAMS, 1 TO 6 PERCENT SLOPES							
		CLARNO	40	3	3	0.28	5	1/
		ETHAN	30	3	3	0.28	5	
		PROSPER	20	3	3	0.28	5	
CPA	CLARNO-PROSPER LOAMS, 0 TO 2 PERCENT SLOPES							
		CLARNO	70	3	3	0.28	5	1/
		PROSPER	25	3	3	0.28	5	
CSA	CLARNO-STICKNEY-PROSPER LOAMS, 0 TO 3 PERCENT SLOPES							
		CLARNO	50	3	3	0.28	5	1/
		STICKNEY	25	3	3	0.37	3	
		PROSPER	15	3	3	0.28	5	
DAB	DAVIS SILT LOAM, 2 TO 6 PERCENT SLOPES							
		DAVIS	100	3	3	0.24	5	
DBA	DEGREY-WALKE SILT LOAMS, 0 TO 4 PERCENT SLOPES							
		DEGREY	50	3	3	0.37	3	1/
		WALKE	25	3	3	0.32	5	
DEA	DELMONT LOAM, 0 TO 2 PERCENT SLOPES							
		DELMONT	100	3	3	0.28	3	1/
DLB	DELMONT-ENET LOAMS, 2 TO 6 PERCENT SLOPES							
		DELMONT	55	3	3	0.28	3	1/
		ENET	30	3	3	0.28	4	
DMC	DELMONT-TALMO LOAMS, 2 TO 9 PERCENT SLOPES							
		DELMONT	50	3	2	0.28	3	1/
		TALMO	35	3	2	0.20	2	
DO	DIMO LOAM							
		DIMO	100	3	3	0.24	4	
EAA	EAKIN-ETHAN COMPLEX, 0 TO 3 PERCENT SLOPES							
		EAKIN	60	3	3	0.32	5	1/
		ETHAN	25	3	3	0.28	5	
EAB	EAKIN-ETHAN COMPLEX, 3 TO 6 PERCENT SLOPES							
		EAKIN	60	3	3	0.32	5	1/
		ETHAN	25	3	3	0.28	5	
EAC	EAKIN-ETHAN COMPLEX, 6 TO 9 PERCENT SLOPES							
		EAKIN	55	3	2	0.32	5	1/
		ETHAN	30	3	2	0.28	5	
EDA	ENET-DELMONT LOAMS, 0 TO 2 PERCENT SLOPES							
		ENET	60	3	3	0.28	4	1/
		DELMONT	30	3	3	0.28	3	
ETD	ETHAN-CLARNO LOAMS, 9 TO 15 PERCENT SLOPES							
		ETHAN	45	3	1	0.28	5	
		CLARNO	30	3	1	0.28	5	
FA	FARMSWORTH SILT LOAM							
		FARMSWORTH	100	3	3	0.37	3	
HBA	HENKIN-BLENDON FINE SANDY LOAMS, 0 TO 2 PERCENT SLOPES							
		HENKIN	60	3	3	0.20	5	
		BLENDON	30	3	3	0.20	5	
HBB	HENKIN-BLENDON FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES							
		HENKIN	60	3	3	0.20	5	1/
		BLENDON	25	3	3	0.20	5	
HEA	HIGHMORE-EAKIN SILT LOAMS, 0 TO 2 PERCENT SLOPES							
		HIGHMORE	55	3	3	0.32	5	1/
		EAKIN	30	3	3	0.32	5	
HEB	HIGHMORE-EAKIN SILT LOAMS, 2 TO 6 PERCENT SLOPES							
		HIGHMORE	50	3	3	0.32	5	1/
		EAKIN	40	3	3	0.32	5	

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
HGA	HIGHMORE-WALKE SILT LOAMS, 0 TO 3 PERCENT SLOPES							
		HIGHMORE	50	3	3	0.32	5	1/
		WALKE	40	3	3	0.32	5	
HHB	HOMME SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES							
		HOMME	100	3	3	0.32	5	1/
HMB	HOMME-ETHAN COMPLEX, 3 TO 6 PERCENT SLOPES							
		HOMME	60	3	3	0.32	5	
		ETHAN	25	3	3	0.28	5	
HNA	HOMME-ONITA SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES							
		HOMME	60	3	3	0.32	5	
		ONITA	25	3	3	0.28	5	
HV	HOVEN SILT LOAM							
		HOVEN	100	3	3	0.37	3	HY-3
LA	LANE SILTY CLAY LOAM							
		LANE	100	3	3	0.28	5	2/
MA	MACKEN SILTY CLAY							
		MACKEN	100	3	3	0.37	5	HY-5
NA	NAPA SILT LOAM							
		NAPA	100	3	3	0.28	3	HY-1
OA	ONITA SILT LOAM							
		ONITA	100	3	3	0.28	5	1/
ON	ONITA-TETONKA SILT LOAMS							
		ONITA	60	3	3	0.28	5	
		TETONKA	30	3	3	0.24	3	HY-3
PG	PITS, GRAVEL							
		PITS	100	ER	ER			
PT	PROSPER-TETONKA COMPLEX							
		PROSPER	60	3	3	0.28	5	
		TETONKA	30	3	3	0.24	3	HY-3
TAC	TALMO GRAVELLY SANDY LOAM, 2 TO 9 PERCENT SLOPES							
		TALMO	100	3	2	0.20	2	
TE	TETONKA SILT LOAM							
		TETONKA	100	3	3	0.24	3	HY-3
WO	WORTHING SILTY CLAY LOAM							
		WORTHING	100	3	3	0.37	5	HY-4
WP	WORTHING SILTY CLAY LOAM, PONDED							
		WORTHING	100	3	3	0.37	5	HY-4

Footnotes:

R = 105, 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. TETONKA SOILS

DOUGLAS COUNTY, SOUTH DAKOTA

_UNIT_NAME	COMPNAME	I
O LOAM	ARLO	86
O LOAM, WET	ARLO	86
OLE CLAY LOAM, 2 TO 6 PERCENT SLOPES	BEADLE	48
TS-ETHAN LOAMS, 15 TO 40 PERCENT SLOPES	BETTS	86
TS-ETHAN LOAMS, 15 TO 40 PERCENT SLOPES	ETHAN	86
LOAM	BON	48
LOAM, CHANNELED	BON	48
RNO-ETHAN LOAMS, 6 TO 9 PERCENT SLOPES	CLARNO	48
RNO-ETHAN LOAMS, 6 TO 9 PERCENT SLOPES	ETHAN	86
RNO-ETHAN-PROSPER LOAMS, 0 TO 3 PERCENT SLOPES	CLARNO	48
RNO-ETHAN-PROSPER LOAMS, 0 TO 3 PERCENT SLOPES	ETHAN	86
RNO-ETHAN-PROSPER LOAMS, 0 TO 3 PERCENT SLOPES	PROSPER	48
RNO-ETHAN-PROSPER LOAMS, 1 TO 6 PERCENT SLOPES	CLARNO	48
RNO-ETHAN-PROSPER LOAMS, 1 TO 6 PERCENT SLOPES	ETHAN	86
RNO-ETHAN-PROSPER LOAMS, 1 TO 6 PERCENT SLOPES	PROSPER	48
NO-PROSPER LOAMS, 0 TO 2 PERCENT SLOPES	CLARNO	48
NO-PROSPER LOAMS, 0 TO 2 PERCENT SLOPES	PROSPER	48
NO-STICKNEY-PROSPER LOAMS, 0 TO 3 PERCENT SLOPES	CLARNO	48
NO-STICKNEY-PROSPER LOAMS, 0 TO 3 PERCENT SLOPES	STICKNEY	48
NO-STICKNEY-PROSPER LOAMS, 0 TO 3 PERCENT SLOPES	PROSPER	48
S SILT LOAM, 2 TO 6 PERCENT SLOPES	DAVIS	48
EY-WALKE SILT LOAMS, 0 TO 4 PERCENT SLOPES	DEGREY	48
EY-WALKE SILT LOAMS, 0 TO 4 PERCENT SLOPES	WALKE	48
ONT LOAM, 0 TO 2 PERCENT SLOPES	DELMONT	48
ONT-ENET LOAMS, 2 TO 6 PERCENT SLOPES	DELMONT	48
ONT-ENET LOAMS, 2 TO 6 PERCENT SLOPES	ENET	48
ONT-TALMO LOAMS, 2 TO 9 PERCENT SLOPES	DELMONT	48
ONT-TALMO LOAMS, 2 TO 9 PERCENT SLOPES	TALMO	48
LOAM	DIMO	48
N-ETHAN COMPLEX, 0 TO 3 PERCENT SLOPES	EAKIN	48
N-ETHAN COMPLEX, 0 TO 3 PERCENT SLOPES	ETHAN	86
N-ETHAN COMPLEX, 3 TO 6 PERCENT SLOPES	EAKIN	48
N-ETHAN COMPLEX, 3 TO 6 PERCENT SLOPES	ETHAN	86
N-ETHAN COMPLEX, 6 TO 9 PERCENT SLOPES	EAKIN	48
N-ETHAN COMPLEX, 6 TO 9 PERCENT SLOPES	ETHAN	86
-DELMONT LOAMS, 0 TO 2 PERCENT SLOPES	ENET	48
-DELMONT LOAMS, 0 TO 2 PERCENT SLOPES	DELMONT	48
N-CLARNO LOAMS, 9 TO 15 PERCENT SLOPES	ETHAN	86
N-CLARNO LOAMS, 9 TO 15 PERCENT SLOPES	CLARNO	48
SWORTH SILT LOAM	FARMSWORTH	48
IN-BLENDON FINE SANDY LOAMS, 0 TO 2 PERCENT SLOPES	HENKIN	86
IN-BLENDON FINE SANDY LOAMS, 0 TO 2 PERCENT SLOPES	BLENDON	86
IN-BLENDON FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	HENKIN	86
IN-BLENDON FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	BLENDON	86
MORE-EAKIN SILT LOAMS, 0 TO 2 PERCENT SLOPES	HIGHMORE	48
MORE-EAKIN SILT LOAMS, 0 TO 2 PERCENT SLOPES	EAKIN	48
MORE-EAKIN SILT LOAMS, 2 TO 6 PERCENT SLOPES	HIGHMORE	48
MORE-EAKIN SILT LOAMS, 2 TO 6 PERCENT SLOPES	EAKIN	48
MORE-WALKE SILT LOAMS, 0 TO 3 PERCENT SLOPES	HIGHMORE	48
MORE-WALKE SILT LOAMS, 0 TO 3 PERCENT SLOPES	WALKE	48
E SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	HOMME	38
E-ETHAN COMPLEX, 1 TO 6 PERCENT SLOPES	HOMME	38
E-ETHAN COMPLEX, 1 TO 6 PERCENT SLOPES	ETHAN	86
E-ONITA SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	HOMME	38
E-ONITA SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	ONITA	38

AP_UNIT_NAME	COMPNAME	I
OVEN SILT LOAM	HOVEN	48
ANE SILTY CLAY LOAM	LANE	86
ACKEN SILTY CLAY	MACKEN	86
APA SILT LOAM	NAPA	48
NITA SILT LOAM	ONITA	48
NITA-TETONKA SILT LOAMS	ONITA	48
NITA-TETONKA SILT LOAMS	TETONKA	48
THENTS, GRAVELLY	ORTHENTS, GRAVELLY	56
ROSPER-TETONKA COMPLEX	PROSPER	48
ROSPER-TETONKA COMPLEX	TETONKA	48
ALMO GRAVELLY SANDY LOAM, 2 TO 9 PERCENT SLOPES	TALMO	86
TONKA SILT LOAM	TETONKA	48
ORTHING SILTY CLAY LOAM	WORTHING	86
ORTHING SILTY CLAY LOAM, PONDED	WORTHING	0
ATER	WATER (LESS THAN 40 ACRES)	