SOIL MAP UNITS AND COMPONENT HIGHLY ERODIBLE LAND CLASS
FOR SOIL SURVEY AREA 035
DAVISON CO.

MAP SYMBOL	SOIL MAP UNIT NAME		%	HEL CLASS WIND	HEL CLASS WATER	SOIL LV K	SOIL LV T	HYDRIC SOILS
00015	GRAVEL PITS							
		GRAVEL PIT	100	ER	ER			
AA	ALLUVIAL LAND							
		ALLUVIAL L	100	ER	ER			HY-2
BAA	BEADLE LOAM, 0 TO 2 PERCENT SLOPES							
		BEADLE	100	3	3	0.28	5	
BEE	BETTS AND ETHAN LOAMS, 21 TO 40 PERCENT SLOPES							
		BETTS	50	3	1	0.28	5	
		ETHAN	50	3	1	0.28	5	
BHD	BETTS-ETHAN LOAMS, 6 TO 21 PERCENT SLOPES							
		BETTS	50	3	1	0.28	5	
		ETHAN	30	3	1	0.28	5	
BLE	BETTS-GAVINS COMPLEX, 15 TO 40 PERCENT SLOPES							
		BETTS	50	3	1	0.28	5	
		GAVINS	30	1	1	0.43	2	
BMA	BLENDON SANDY LOAM, 0 TO 3 PERCENT SLOPES							
		BLENDON	100	3	3	0.20	5	
BNA	BLENDON-FIRESTEEL COMPLEX, 0 TO 3 PERCENT SLOPES							
		BLENDON	50	3	3	0.20	5	
		FIRESTEEL	30	3	3	0.32	4	
BOA	BON LOAM, 0 TO 2 PERCENT SLOPES							
		BON	100	3	3	0.24	5	2/
CA	CLAMO SILTY CLAY LOAM							
		CLAMO	100	3	3	0.28	5	HY-1
CC	CLAMO SILTY CLAY LOAM, FREQUENTLY FLOODED							
		CLAMO	100	3	3	0.28	5	HY-1
CEB	CLARNO-ETHAN LOAMS, 3 TO 6 PERCENT SLOPES							
		CLARNO	50	3	3	0.28	5	1/
		ETHAN	30	3	3	0.28	5	
CEC	CLARNO-ETHAN LOAMS, 6 TO 9 PERCENT SLOPES							
		CLARNO	50	3	2	0.28	5	1/
		ETHAN	30	3	2	0.28	5	
CHA	CLARNO-HOUDEK LOAMS, 0 TO 3 PERCENT SLOPES							
		CLARNO	50	3	3	0.28	5	1/
		HOUDEK	30	3	3	0.28	5	
CHB	CLARNO-HOUDEK LOAMS, 3 TO 6 PERCENT SLOPES							
		CLARNO	50	3	3	0.28	5	1/
		HOUDEK	30	3	3	0.28	5	
DHA	DAVISON-HAND LOAMS, 0 TO 2 PERCENT SLOPES							
		DAVISON	50	3	3	0.28	5	
		HAND	30	3	3	0.28	5	
DMB	DELMONT LOAM, 3 TO 6 PERCENT SLOPES							
		DELMONT	100	3	3	0.28	3	
ENA	ENET LOAM, 0 TO 3 PERCENT SLOPES							
		ENET	100	3	3	0.28	4	
EOA	ENET-DELMONT LOAMS, 0 TO 3 PERCENT SLOPES							
		ENET	50	3	3	0.28	4	
		DELMONT	30	3	3	0.28	3	
EOB	ENET-DELMONT LOAMS, 3 TO 6 PERCENT SLOPES							
		ENET	50	3	3	0.28	4	
		DELMONT	30	3	3	0.28	3	
ESA	ENET-STORLA LOAMS, 0 TO 2 PERCENT SLOPES							
		ENET	50	3	3	0.24	4	
		STORLA	30	3	3	0.28	4	
ETC2	ETHAN-BETTS LOAMS, 5 TO 9 PERCENT SLOPES, ERODED							
		ETHAN	50	3	2	0.28	5	1/
		BETTS	30	3	2	0.28	5	

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FEA	FEDORA SANDY LOAM, 0 TO 3 PERCENT SLOPES							
		FEDORA	100	3	3	0.20	5	
FSA	FIRESTEEL SILT LOAM, 0 TO 2 PERCENT SLOPES							
		FIRESTEEL	100	3	3	0.32	4	
HAB	HAND LOAM, 3 TO 6 PERCENT SLOPES							
		HAND	100	3	3	0.28	5	
HDA	HAND-DAVISON LOAMS, 0 TO 3 PERCENT SLOPES							
		HAND	50	3	3	0.28	5	
		DAVISON	30	3	3	0.28	5	
HKA	HOUDEK-PROSPER LOAMS, 0 TO 2 PERCENT SLOPES							
		HOUDEK	50	3	3	0.28	5	1/
		PROSPER	30	3	3	0.28	5	
HPA	HOUDEK, PROSPER, AND STICKNEY LOAMS, 0 TO 1 PERCENT SLOPES							
		HOUDEK	40	3	3	0.28	5	1/
		PROSPER	30	3	3	0.28	5	
		STICKNEY	30	3	3	0.37	3	
HSA	HOUDEK-STICKNEY LOAMS, 0 TO 2 PERCENT SLOPES							
		HOUDEK	50	3	3	0.28	5	1/
		STICKNEY	30	3	3	0.37	3	
LA	LAMO SILT LOAM							
		LAMO	100	3	3	0.32	5	HY-1
LPA	LAMO AND PROSPER SOILS, 0 TO 3 PERCENT SLOPES							
		LAMO	50	3	3	0.32	5	HY-1
		PROSPER	50	3	3	0.28	5	
PRA	PROSPER SILT LOAM, 0 TO 3 PERCENT SLOPES							
		PROSPER	100	3	3	0.28	5	
PRB	PROSPER SILT LOAM, 3 TO 6 PERCENT SLOPES							
		PROSPER	100	3	3	0.28	5	
REA	REDSTOE LOAM, 0 TO 3 PERCENT SLOPES							
		REDSTOE	100	3	3	0.28	4	
REC	REDSTOE LOAM, 3 TO 9 PERCENT SLOPES							
		REDSTOE	100	3	2	0.28	4	
RED	REDSTOE LOAM, 9 TO 21 PERCENT SLOPES							
		REDSTOE	100	3	1	0.28	4	
SA	SALMO SILT LOAM							
		SALMO	100	3	3	0.28	5	HY-1
SDA	STICKNEY-DUDLEY COMPLEX, 0 TO 2 PERCENT SLOPES							
		STICKNEY	50	3	3	0.37	3	
		DUDLEY	30	3	3	0.43	3	
SOA	STORLA LOAM, 0 TO 2 PERCENT SLOPES							
		STORLA	100	3	3	0.28	4	
STA	STORLA COMPLEX, 0 TO 2 PERCENT SLOPES							
		STORLA	100	3	3	0.28	4	
TEA	TETONKA SILT LOAM, 0 TO 2 PERCENT SLOPES							
		TETONKA	100	3	3	0.24	3	HY-3
TSA	TETONKA-STICKNEY COMPLEX, 0 TO 3 PERCENT SLOPES							
		TETONKA	50	3	3	0.24	3	HY-3
		STICKNEY	30	3	3	0.37	3	

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. TETONKA SOILS

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

DAVISON COUNTY, SOUTH DAKOTA

MAP_UNIT_NAME	COMPNAME	I
CHASKA LOAM	CHASKA	86
BEADLE LOAM, 0 TO 2 PERCENT SLOPES	BEADLE	48
BETTS AND ETHAN LOAMS, 21 TO 40 PERCENT SLOPES	BETTS	86
BETTS AND ETHAN LOAMS, 21 TO 40 PERCENT SLOPES	ETHAN	86
BETTS-ETHAN LOAMS, 6 TO 21 PERCENT SLOPES	BETTS	86
BETTS-ETHAN LOAMS, 6 TO 21 PERCENT SLOPES	ETHAN	86
BETTS-GAVINS COMPLEX, 15 TO 40 PERCENT SLOPES	BETTS	86
BETTS-GAVINS COMPLEX, 15 TO 40 PERCENT SLOPES	GAVINS	86
BLENDON SANDY LOAM, 0 TO 3 PERCENT SLOPES	BLENDON	86
BLENDON-FIRESTEEL COMPLEX, 0 TO 3 PERCENT SLOPES	BLENDON	86
BLENDON-FIRESTEEL COMPLEX, 0 TO 3 PERCENT SLOPES	FIRESTEEL	86
BON LOAM, 0 TO 2 PERCENT SLOPES	BON	48
CLAMO SILTY CLAY LOAM	CLAMO	86
CLAMO SILTY CLAY LOAM, FREQUENTLY FLOODED	CLAMO	86
CLARNO-ETHAN LOAMS, 3 TO 6 PERCENT SLOPES	CLARNO	48
CLARNO-ETHAN LOAMS, 3 TO 6 PERCENT SLOPES	ETHAN	86
CLARNO-ETHAN LOAMS, 6 TO 9 PERCENT SLOPES	CLARNO	48
CLARNO-ETHAN LOAMS, 6 TO 9 PERCENT SLOPES	ETHAN	86
CLARNO-HOUDEK LOAMS, 0 TO 3 PERCENT SLOPES	CLARNO	48
CLARNO-HOUDEK LOAMS, 0 TO 3 PERCENT SLOPES	HOUDEK	48
CLARNO-HOUDEK LOAMS, 3 TO 6 PERCENT SLOPES	CLARNO	48
CLARNO-HOUDEK LOAMS, 3 TO 6 PERCENT SLOPES	HOUDEK	48
DAVISON-HAND LOAMS, 0 TO 2 PERCENT SLOPES	DAVISON	86
DAVISON-HAND LOAMS, 0 TO 2 PERCENT SLOPES	HAND	48
DELMONT LOAM, 3 TO 6 PERCENT SLOPES	DELMONT	48
ENET LOAM, 0 TO 3 PERCENT SLOPES	ENET	48
ENET-DELMONT LOAMS, 0 TO 3 PERCENT SLOPES	ENET	48
ENET-DELMONT LOAMS, 0 TO 3 PERCENT SLOPES	DELMONT	48
ENET-DELMONT LOAMS, 3 TO 6 PERCENT SLOPES	ENET	48
ENET-DELMONT LOAMS, 3 TO 6 PERCENT SLOPES	DELMONT	48
DIMO-STORLA LOAMS, 0 TO 2 PERCENT SLOPES	DIMO	48
DIMO-STORLA LOAMS, 0 TO 2 PERCENT SLOPES	STORLA	86
ETHAN-BETTS LOAMS, 5 TO 9 PERCENT SLOPES, ERODED	ETHAN	86
ETHAN-BETTS LOAMS, 5 TO 9 PERCENT SLOPES, ERODED	BETTS	86
FEDORA SANDY LOAM, 0 TO 3 PERCENT SLOPES	FEDORA	86
FIRESTEEL SILT LOAM, 0 TO 2 PERCENT SLOPES	FIRESTEEL	86
GRAVEL PITS	ORTHENTS, GRAVELLY	56
HAND LOAM, 3 TO 6 PERCENT SLOPES	HAND	48
HAND-DAVISON LOAMS, 0 TO 3 PERCENT SLOPES	HAND	48
HAND-DAVISON LOAMS, 0 TO 3 PERCENT SLOPES	DAVISON	86
HOUDEK-PROSPER LOAMS, 0 TO 2 PERCENT SLOPES	HOUDEK	48
HOUDEK-PROSPER LOAMS, 0 TO 2 PERCENT SLOPES	PROSPER	48
HOUDEK, PROSPER, AND STICKNEY LOAMS, 0 TO 1 PERCENT SLO PES	HOUDEK	48
HOUDEK, PROSPER, AND STICKNEY LOAMS, 0 TO 1 PERCENT SLO PES	PROSPER	48
HOUDEK, PROSPER, AND STICKNEY LOAMS, 0 TO 1 PERCENT SLO PES	STICKNEY	48
HOUDEK-STICKNEY LOAMS, 0 TO 2 PERCENT SLOPES	HOUDEK	48
HOUDEK-STICKNEY LOAMS, 0 TO 2 PERCENT SLOPES	STICKNEY	48
LAMO SILT LOAM	LAMO	86
LAMO AND PROSPER SOILS, 0 TO 3 PERCENT SLOPES	LAMO	86
LAMO AND PROSPER SOILS, 0 TO 3 PERCENT SLOPES	PROSPER	48
PROSPER SILT LOAM, 0 TO 3 PERCENT SLOPES	PROSPER	48
PROSPER SILT LOAM, 3 TO 6 PERCENT SLOPES	PROSPER	48
REDSTOE LOAM, 0 TO 3 PERCENT SLOPES	REDSTOE	86
REDSTOE LOAM, 3 TO 9 PERCENT SLOPES	REDSTOE	86
REDSTOE LOAM, 9 TO 21 PERCENT SLOPES	REDSTOE	86

MAP_UNIT_NAME	COMPNAME	I
SALMO SILT LOAM	SALMO	86
STICKNEY-DUDLEY COMPLEX, 0 TO 2 PERCENT SLOPES	STICKNEY	48
STICKNEY-DUDLEY COMPLEX, 0 TO 2 PERCENT SLOPES	DUDLEY	48
STORLA LOAM, 0 TO 2 PERCENT SLOPES	STORLA	86
ARLO-DURRSTEIN COMPLEX, 0 TO 2 PERCENT SLOPES	ARLO	86
ARLO-DURRSTEIN COMPLEX, 0 TO 2 PERCENT SLOPES	DURRSTEIN	48
TETONKA SILT LOAM, 0 TO 2 PERCENT SLOPES	TETONKA	48
TETONKA-STICKNEY COMPLEX, 0 TO 3 PERCENT SLOPES	TETONKA	48
TETONKA-STICKNEY COMPLEX, 0 TO 3 PERCENT SLOPES	STICKNEY	48
WATER	WATER (LESS THAN 40 ACRES)	