SOIL MAP UNITS AND COMPONENT HIGHLY ERODIBLE LAND CLASS
FOR SOIL SURVEY AREA 007
BENNETT CO.

MAP SYMBOL	SOIL MAP UNIT NAME		%	HEL CLASS WIND	HEL CLASS WATER	SOIL LV K	SOIL LV T	HYDRIC SOILS
AA	ALLUVIAL LAND							
		ALLUVIAL L	100	ER	ER			
ALB	ALTVAN LOAM, 0 TO 5 PERCENT SLOPES							
		ALTVAN	100	3	3	0.28	4	
ANB	ANSELMO FINE SANDY LOAM, 0 TO 5 PERCENT SLOPES							
		ANSELMO	100	3	3	0.20	5	
ATE	ANSELMO-TASSEL COMPLEX, 9 TO 18 PERCENT SLOPES							
		ANSELMO	50	3	2	0.20	5	
		TASSEL	30	1	2	0.24	2	
BK	BANKARD LOAMY FINE SAND							
		BANKARD	100	1	3	0.10	5	
BD	BLOWN-OUT LAND							
		BLOWN-OUT	100	ER	ER			
CNF	CANYON COMPLEX, 18 TO 40 PERCENT SLOPES							
		CANYON	100	1	1	0.32	2	
		ROCK OUTCR	70	ER	ER	0.00	0	
CDF	CANYON-OGLALA COMPLEX, 18 TO 40 PERCENT SLOPES							
		CANYON	50	1	1	0.32	2	
		OGLALA	30	3	1	0.32	5	
CR	CANYON-ROCK OUTCROP COMPLEX							
		CANYON	50	1	1	0.32	2	
		ROCK OUTCR	30	ER	ER			
CYD2	CANYON-ROSEBUD COMPLEX, 3 TO 12 PERCENT SLOPES, ERODED							
		CANYON	50	1	2	0.32	2	
		ROSEBUD	30	3	3	0.28	4	
DKA	DAWES-KEITH COMPLEX, 0 TO 3 PERCENT SLOPES							
		DAWES	50	3	3	0.37	4	1/
		KEITH	30	3	3	0.32	5	
DRB	DAWES-RICHFIELD SILT LOAMS, 0 TO 5 PERCENT SLOPES							
		DAWES	50	3	3	0.37	4	
		RICHFIELD	30	3	3	0.32	5	
DSB	DUNDAY LOAMY FINE SAND, 0 TO 6 PERCENT SLOPES							
		DUNDAY	100	1	3	0.17	5	
DTA	DUNDAY-ANSELMO COMPLEX, 0 TO 3 PERCENT SLOPES							
		DUNDAY	50	1	3	0.17	5	2/
		ANSELMO	30	3	3	0.20	5	
DTC	DUNDAY-ANSELMO COMPLEX, 3 TO 9 PERCENT SLOPES							
		DUNDAY	50	1	3	0.17	5	2/
		ANSELMO	30	3	3	0.20	5	
DU	DUNDAY AND ELSMERE LOAMY FINE SANDS							
		DUNDAY	50	1	3	0.17	5	2/
		ELSMERE	50	1	3	0.17	5	
DVB	DUNDAY-VALENTINE COMPLEX, 0 TO 5 PERCENT SLOPES							
		DUNDAY	50	1	3	0.17	5	2/
		VALENTINE	30	1	3	0.15	5	
EHF	EPPING COMPLEX, 9 TO 40 PERCENT SLOPES							
		EPPING	50	1	1	0.43	2	
		KADOKA	70	3	2	0.32	4	
GA	GANNETT FINE SANDY LOAM							
		GANNETT	100	3	3	0.20	5	HY-2
GOA	GOSHEN SILT LOAM, 0 TO 3 PERCENT SLOPES							
		GOSHEN	100	3	3	0.32	5	1/
GOB	GOSHEN SILT LOAM, 3 TO 6 PERCENT SLOPES							
		GOSHEN	100	3	3	0.32	5	
GR	GRAVELLY LAND							
		GRAVELLY L	100	1	1	0.24	2	
HAA	HAVERSON LOAM, 0 TO 3 PERCENT SLOPES							
		HAVERSON	100	3	3	0.28	5	
HTB	HOLT AND TUTHILL FINE SANDY LOAMS, 0 TO 5 PERCENT SLOPES							
		HOLT	50	1	3	0.20	4	
		TUTHILL	50	1	3	0.20	4	
HTC	HOLT AND TUTHILL FINE SANDY LOAMS, 5 TO 9 PERCENT SLOPES							
		HOLT	50	1	3	0.20	4	
		TUTHILL	50	1	3	0.20	4	
HV	HOVEN SILT LOAM							
		HOVEN	100	3	3	0.37	3	HY-3
KAB	KADOKA SILT LOAM, 3 TO 5 PERCENT SLOPES							
		KADOKA	100	3	3	0.32	4	

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FOR SOIL SURVEY AREA 007
BENNETT CO.

MAP SYMBOL	SOIL MAP UNIT NAME		%	HEL CLASS WIND	HEL CLASS WATER	SOIL K	LV T	HYDRIC SOILS
KEA	KEITH SILT LOAM, 0 TO 3 PERCENT SLOPES							
		KEITH	100	3	3	0.32	5	
KEB	KEITH SILT LOAM, 3 TO 5 PERCENT SLOPES							
		KEITH	100	3	3	0.32	5	
KHD	KEITH-COLBY SILT LOAMS, 9 TO 12 PERCENT SLOPES							
		KEITH	50	3	2	0.32	5	
		COLBY	30	3	2	0.43	5	
KRA	KEITH-ROSEBUD SILT LOAMS, 0 TO 2 PERCENT SLOPES							
		KEITH	50	3	3	0.32	5	1/
		ROSEBUD	30	3	3	0.28	4	
KRB	KEITH-ROSEBUD SILT LOAMS, 2 TO 6 PERCENT SLOPES							
		KEITH	50	3	3	0.32	5	1/
		ROSEBUD	30	3	3	0.28	4	
KUC	KEITH AND ULYSSES SILT LOAMS, 5 TO 9 PERCENT SLOPES							
		KEITH	50	3	3	0.32	5	1/
		ULYSSES	50	3	3	0.32	5	
LA	LAMO SILT LOAM							
		LAMO	+ 100	3	3	0.32	5	HY-1
LD	LOUP FINE SANDY LOAM							
		LOUP	100	3	3	0.20	5	HY-2
MA	MARSH							
		MARSH	100	ER	ER			HY-4
ME	MINATARE SOILS							
		MINATARE	100	1	3	0.43	3	2/3/
MM	MOSHER-MINATARE COMPLEX							
		MOSHER	50	3	2	0.43	3	3/
		MINATARE	30	1	2	0.43	3	
OCE	OGLALA-CANYON COMPLEX, 9 TO 18 PERCENT SLOPES							
		OGLALA	50	3	2	0.32	5	
		CANYON	30	1	2	0.32	2	
ORA	OGLALA-ROSEBUD SILT LOAMS, 0 TO 3 PERCENT SLOPES							
		OGLALA	50	3	3	0.32	5	
		ROSEBUD	30	3	3	0.28	4	
ORB	OGLALA-ROSEBUD SILT LOAMS, 3 TO 6 PERCENT SLOPES							
		OGLALA	50	3	3	0.32	5	
		ROSEBUD	30	3	3	0.28	4	
RKA	RICHFIELD AND KEITH SILT LOAMS, 0 TO 2 PERCENT SLOPES							
		RICHFIELD	50	3	3	0.32	5	1/
		KEITH	50	3	3	0.32	5	
RKB	RICHFIELD AND KEITH SILT LOAMS, 2 TO 6 PERCENT SLOPES							
		RICHFIELD	50	3	3	0.32	5	1/
		KEITH	50	3	3	0.32	5	
TAF	TASSEL-ANSELMO COMPLEX, 18 TO 40 PERCENT SLOPES							
		TASSEL	50	1	1	0.24	2	
		ANSELMO	30	3	1	0.20	5	
TNB	TUTHILL AND ANSELMO FINE SANDY LOAMS, 0 TO 5 PERCENT SLOPES							
		TUTHILL	50	1	3	0.20	4	
		ANSELMO	50	3	3	0.20	5	
TNC	TUTHILL AND ANSELMO FINE SANDY LOAMS, 5 TO 9 PERCENT SLOPES							
		TUTHILL	50	1	3	0.20	4	
		ANSELMO	50	3	3	0.20	5	
VAC	VALENTINE FINE SAND, ROLLING							
		VALENTINE	100	1	2	0.15	5	2/
VAD	VALENTINE FINE SAND, HILLY							
		VALENTINE	100	1	2	0.15	5	
VED	VALENTINE-TASSEL COMPLEX, HILLY							
		VALENTINE	50	1	2	0.15	5	
		TASSEL	30	1	1	0.24	2	
VGA	VETAL AND GOSHEN SOILS, 0 TO 3 PERCENT SLOPES							
		VETAL	50	3	3	0.20	5	
		GOSHEN	50	3	3	0.32	5	
VHD	VETAL-HOLT FINE SANDY LOAMS, 6 TO 15 PERCENT SLOPES							
		VETAL	50	3	2	0.20	5	
		HOLT	30	1	2	0.20	4	

Footnotes:

R = 65, C = 0.45

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 SOILS

2/ This map unit may have inclusions of hydric soils in low areas. LOUP SOILS

3/ This map unit may have inclusions of hydric soils in low areas. LAMO SOILS

BENNETT COUNTY, SOUTH DAKOTA

MUSYM	MAP_UNIT_NAME	COMPNAME	I
Aa	LOHMILLER SILTY CLAY LOAM, CHANNELED, 0 TO 2 PERCENT SLOPES	LOHMILLER	86
AlB	ALTVAN LOAM, 0 TO 5 PERCENT SLOPES	ALTVAN	56
AnB	ANSELMO FINE SANDY LOAM, 0 TO 5 PERCENT SLOPES	ANSELMO	86
AtE	ANSELMO-TASSEL FINE SANDY LOAMS, 9 TO 18 PERCENT SLOPES	ANSELMO	86
AtE	ANSELMO-TASSEL FINE SANDY LOAMS, 9 TO 18 PERCENT SLOPES	TASSEL	86
Bk	BANKARD LOAMY FINE SAND, 0 TO 3 PERCENT SLOPES	BANKARD	134
Bo	BLOWN-OUT LAND	ORTHENTS, HUMMOCKY	250
CnF	CANYON-ROCK OUTCROP ASSOCIATION, 18 TO 40 PERCENT SLOPES	CANYON	86
CnF	CANYON-ROCK OUTCROP ASSOCIATION, 18 TO 40 PERCENT SLOPES	ROCK OUTCROP, SANDSTONE	0
CoF	CANYON-OGLALA LOAMS, 18 TO 40 PERCENT SLOPES	CANYON	86
CoF	CANYON-OGLALA LOAMS, 18 TO 40 PERCENT SLOPES	OGLALA	56
Cr	CANYON-ROCK OUTCROP COMPLEX, 18 TO 40 PERCENT SLOPES	CANYON	86
Cr	CANYON-ROCK OUTCROP COMPLEX, 18 TO 40 PERCENT SLOPES	ROCK OUTCROP, SANDY	0
CyD2	CANYON-ROSEBUD LOAMS, 3 TO 12 PERCENT SLOPES	CANYON	86
CyD2	CANYON-ROSEBUD LOAMS, 3 TO 12 PERCENT SLOPES	ROSEBUD	48
DkA	DAWES-KEITH SILT LOAMS, 0 TO 3 PERCENT SLOPES	DAWES	48
DkA	DAWES-KEITH SILT LOAMS, 0 TO 3 PERCENT SLOPES	KEITH	48
DrB	DAWES-RICHFIELD SILT LOAMS, 0 TO 5 PERCENT SLOPES	DAWES	48
DrB	DAWES-RICHFIELD SILT LOAMS, 0 TO 5 PERCENT SLOPES	RICHFIELD	48
DsB	DUNDAY LOAMY FINE SAND, 0 TO 6 PERCENT SLOPES	DUNDAY	134
DtA	DUNDAY-ANSELMO COMPLEX, 0 TO 3 PERCENT SLOPES	DUNDAY	134
DtA	DUNDAY-ANSELMO COMPLEX, 0 TO 3 PERCENT SLOPES	ANSELMO	86
DtC	DUNDAY-ANSELMO COMPLEX, 3 TO 9 PERCENT SLOPES	DUNDAY	134
DtC	DUNDAY-ANSELMO COMPLEX, 3 TO 9 PERCENT SLOPES	ANSELMO	86
Du	DUNDAY-ELSMERE LOAMY FINE SANDS, 0 TO 3 PERCENT SLOPES	DUNDAY	134
Du	DUNDAY-ELSMERE LOAMY FINE SANDS, 0 TO 3 PERCENT SLOPES	ELSMERE	134
DvB	DUNDAY-VALENTINE COMPLEX, 0 TO 5 PERCENT SLOPES	DUNDAY	134
DvB	DUNDAY-VALENTINE COMPLEX, 0 TO 5 PERCENT SLOPES	VALENTINE	250
EhF	EPPING-KADOKA ASSOCIATION, 9 TO 40 PERCENT SLOPES	EPPING	86
EhF	EPPING-KADOKA ASSOCIATION, 9 TO 40 PERCENT SLOPES	KADOKA	48
Ga	GANNETT FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	GANNETT	86
GoA	MOBRIDGE SILT LOAM, 0 TO 3 PERCENT SLOPES	MOBRIDGE	48
GoB	MOBRIDGE SILT LOAM, 3 TO 6 PERCENT SLOPES	MOBRIDGE	48
Gr	NIHILL GRAVELLY LOAM, 9 TO 40 PERCENT SLOPES	NIHILL	86
HaA	HAVERSON LOAM, 0 TO 3 PERCENT SLOPES	HAVERSON	86
HtB	HOLT-TUTHILL FINE SANDY LOAMS, 0 TO 5 PERCENT SLOPES	HOLT	86
HtB	HOLT-TUTHILL FINE SANDY LOAMS, 0 TO 5 PERCENT SLOPES	TUTHILL	86
HtC	HOLT-TUTHILL FINE SANDY LOAMS, 5 TO 9 PERCENT SLOPES	HOLT	86
HtC	HOLT-TUTHILL FINE SANDY LOAMS, 5 TO 9 PERCENT SLOPES	TUTHILL	86
Hv	HOVEN SILT LOAM, 0 TO 1 PERCENT SLOPES	HOVEN	48
KaB	KADOKA SILT LOAM, 3 TO 6 PERCENT SLOPES	KADOKA	48
KeA	KEITH SILT LOAM, 0 TO 3 PERCENT SLOPES	KEITH	48
KeB	KEITH SILT LOAM, 3 TO 5 PERCENT SLOPES	KEITH	48
KhD	KEITH-COLBY SILT LOAMS, 9 TO 12 PERCENT SLOPES	KEITH	48
KhD	KEITH-COLBY SILT LOAMS, 9 TO 12 PERCENT SLOPES	COLBY	86
KrA	KEITH-ROSEBUD SILT LOAMS, 0 TO 2 PERCENT SLOPES	KEITH	48
KrA	KEITH-ROSEBUD SILT LOAMS, 0 TO 2 PERCENT SLOPES	ROSEBUD	48
KrB	KEITH-ROSEBUD SILT LOAMS, 2 TO 6 PERCENT SLOPES	KEITH	48
KrB	KEITH-ROSEBUD SILT LOAMS, 2 TO 6 PERCENT SLOPES	ROSEBUD	48
KuC	KEITH-ULYSSES SILT LOAMS, 5 TO 9 PERCENT SLOPES	KEITH	48
KuC	KEITH-ULYSSES SILT LOAMS, 5 TO 9 PERCENT SLOPES	ULYSSES	48
La	LAMO SILT LOAM, 0 TO 2 PERCENT SLOPES	LAMO	86
Lc	LOUP FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	LOUP	86
Ma	MARSH	AQUOLLS	0
Me	MINATARE LOAM, 0 TO 2 PERCENT SLOPES	MINATARE	86

MUSYM	MAP_UNIT_NAME	COMPNAME	I
Mm	MOSHER-MINATARE COMPLEX, 0 TO 6 PERCENT SLOPES	MOSHER	48
Mm	MOSHER-MINATARE COMPLEX, 0 TO 6 PERCENT SLOPES	MINATARE	86
OcE	OGLALA-CANYON LOAMS, 9 TO 18 PERCENT SLOPES	OGLALA	56
OcE	OGLALA-CANYON LOAMS, 9 TO 18 PERCENT SLOPES	CANYON	86
OrA	OGLALA-ROSEBUD SILT LOAMS, 0 TO 3 PERCENT SLOPES	OGLALA	56
OrA	OGLALA-ROSEBUD SILT LOAMS, 0 TO 3 PERCENT SLOPES	ROSEBUD	48
OrB	OGLALA-ROSEBUD SILT LOAMS, 3 TO 6 PERCENT SLOPES	OGLALA	56
OrB	OGLALA-ROSEBUD SILT LOAMS, 3 TO 6 PERCENT SLOPES	ROSEBUD	48
RkA	RICHFIELD-KEITH SILT LOAMS, 0 TO 2 PERCENT SLOPES	RICHFIELD	48
RkA	RICHFIELD-KEITH SILT LOAMS, 0 TO 2 PERCENT SLOPES	KEITH	48
RkB	RICHFIELD-KEITH SILT LOAMS, 2 TO 6 PERCENT SLOPES	RICHFIELD	48
RkB	RICHFIELD-KEITH SILT LOAMS, 2 TO 6 PERCENT SLOPES	KEITH	48
TaF	TASSEL-ANSELMO FINE SANDY LOAMS, 18 TO 40 PERCENT SLOPES	TASSEL	86
TaF	TASSEL-ANSELMO FINE SANDY LOAMS, 18 TO 40 PERCENT SLOPES	ANSELMO	86
TnB	TUTHILL-ANSELMO FINE SANDY LOAMS, 0 TO 5 PERCENT SLOPES	TUTHILL	86
TnB	TUTHILL-ANSELMO FINE SANDY LOAMS, 0 TO 5 PERCENT SLOPES	ANSELMO	86
TnC	TUTHILL-ANSELMO FINE SANDY LOAMS, 5 TO 9 PERCENT SLOPES	TUTHILL	86
TnC	TUTHILL-ANSELMO FINE SANDY LOAMS, 5 TO 9 PERCENT SLOPES	ANSELMO	86
VaC	VALENTINE FINE SAND, ROLLING	VALENTINE	250
VaD	VALENTINE FINE SAND, HILLY	VALENTINE	250
VeD	VALENTINE-TASSEL COMPLEX, HILLY	VALENTINE	250
VeD	VALENTINE-TASSEL COMPLEX, HILLY	TASSEL	86
VgA	VETAL-MOBRIDGE COMPLEX, 0 TO 3 PERCENT SLOPES	VETAL	86
VgA	VETAL-MOBRIDGE COMPLEX, 0 TO 3 PERCENT SLOPES	MOBRIDGE	48
VhD	VETAL-HOLT FINE SANDY LOAMS, 6 TO 15 PERCENT SLOPES	VETAL	86
VhD	VETAL-HOLT FINE SANDY LOAMS, 6 TO 15 PERCENT SLOPES	HOLT	86
w	WATER LESS THAN 40 ACRES	WATER (LESS THAN 40 ACRES)	
ww	WATER GREATER THAN 40 ACRES	WATER (GREATER THAN 40 ACRES)	