CAMPBELL COUNTY, SOUTH DAKOTA

MUSYM	MAP_UNIT_NAME	COMPNAME	I
10	CAPA SILT LOAM, 0 TO 6 PERCENT SLOPES	CAPA	48
11	CAPA-SLICKSPOTS COMPLEX, 0 TO 6 PERCENT SLOPES	CAPA	48
11	CAPA-SLICKSPOTS COMPLEX, 0 TO 6 PERCENT SLOPES	SLICKSPOTS, DRY	86
13A	TALLY FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	TALLY	86
13B	TALLY FINE SANDY LOAM, 3 TO 6 PERCENT SLOPES	TALLY	86
13C	TALLY FINE SANDY LOAM, 6 TO 9 PERCENT SLOPES	TALLY	86
15	HARRIET SILT LOAM	HARRIET	48
16	EGAS SILTY CLAY LOAM	EGAS	86
17	HECLA LOAMY SAND	HECLA	134
18	PARSHALL FINE SANDY LOAM	PARSHALL	86
19	HEIL SILT LOAM	HEIL	48
1A	BOWBELLS LOAM	BOWBELLS	48
2	GRAIL SILTY CLAY LOAM	GRAIL	38
20D	SULLY SILT LOAM, 9 TO 25 PERCENT SLOPES	SULLY	86
21A	LINTON-GRASSNA SILT LOAMS, 0 TO 3 PERCENT SLOPES	LINTON	56
21A	LINTON-GRASSNA SILT LOAMS, 0 TO 3 PERCENT SLOPES	GRASSNA	48
21B	LINTON SILT LOAM, 3 TO 6 PERCENT SLOPES	LINTON	56
21C	LINTON-SUTLEY SILT LOAMS, 6 TO 9 PERCENT SLOPES	LINTON	56
21C	LINTON-SUTLEY SILT LOAMS, 6 TO 9 PERCENT SLOPES	SUTLEY	86
21D	SULLY-ZAHL COMPLEX, 9 TO 40 PERCENT SLOPES	SULLY	86
21D	SULLY-ZAHL COMPLEX, 9 TO 40 PERCENT SLOPES	ZAHL	86
22B	LINTON-SUTLEY SILT LOAMS, 2 TO 6 PERCENT SLOPES	LINTON	56
22B	LINTON-SUTLEY SILT LOAMS, 2 TO 6 PERCENT SLOPES	SUTLEY	86
22C	LINTON SILT LOAM, 6 TO 9 PERCENT SLOPES	LINTON	56
24A	YECROSS LOAMY SAND, 0 TO 6 PERCENT SLOPES	YECROSS	134
24C	YECROSS LOAMY SAND, 6 TO 15 PERCENT SLOPES	YECROSS	134
27B	MADDOCK LOAMY FINE SAND, 0 TO 6 PERCENT SLOPES	MADDOCK	134
27C	MADDOCK LOAMY FINE SAND, 6 TO 12 PERCENT SLOPES	MADDOCK	134
28	WYNDMERE FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	WYNDMERE	86
29	VALLERS LOAM	VALLERS	86
30	PARNELL SILTY CLAY LOAM, PONDED	PARNELL	38
31E	LIHEN LOAMY FINE SAND, 9 TO 20 PERCENT SLOPES	LIHEN	134
32F	FLASHER LOAMY FINE SAND, 25 TO 50 PERCENT SLOPES	FLASHER	134
34A	BOWDLE LOAM, 0 TO 3 PERCENT SLOPES	BOWDLE	48
34B	BOWDLE LOAM, 3 TO 6 PERCENT SLOPES	BOWDLE	48
36B	LEHR-WABEK LOAMS, 2 TO 6 PERCENT SLOPES	LEHR	56
36B	LEHR-WABEK LOAMS, 2 TO 6 PERCENT SLOPES	WABEK	56
38	PARNELL SILTY CLAY LOAM	PARNELL	38
39E	SANSARC-OPAL CLAYS, 15 TO 40 PERCENT SLOPES	SANSARC	86
39E	SANSARC-OPAL CLAYS, 15 TO 40 PERCENT SLOPES	OPAL	86
4	GRASSNA SILT LOAM	GRASSNA	48
40B	OPAL CLAY, 3 TO 6 PERCENT SLOPES	OPAL	86
40C	OPAL CLAY, 6 TO 9 PERCENT SLOPES	OPAL	86
40D	OPAL-SANSARC CLAYS, 6 TO 15 PERCENT SLOPES	OPAL	86
40D	OPAL-SANSARC CLAYS, 6 TO 15 PERCENT SLOPES	SANSARC	86
41A	PROMISE CLAY, 0 TO 3 PERCENT SLOPES	PROMISE	86
41B	PROMISE CLAY, 3 TO 6 PERCENT SLOPES	PROMISE	86
41C	PROMISE-OPAL CLAYS, 6 TO 9 PERCENT SLOPES	PROMISE	86
41C	PROMISE-OPAL CLAYS, 6 TO 9 PERCENT SLOPES	OPAL	86
5	WILLIAMS-NOONAN LOAMS, 0 TO 4 PERCENT SLOPES	WILLIAMS	48
5	WILLIAMS-NOONAN LOAMS, 0 TO 4 PERCENT SLOPES	NOONAN	48
51	TONKA SILT LOAM	TONKA	48
52A	LEHR LOAM, 0 TO 3 PERCENT SLOPES	LEHR	56
52B	LEHR LOAM, 3 TO 6 PERCENT SLOPES	LEHR	56
53D	WABEK-LEHR LOAMS, 6 TO 15 PERCENT SLOPES	WABEK	56

MUSYM	MAP_UNIT_NAME	COMPNAME	I
53D	WABEK-LEHR LOAMS, 6 TO 15 PERCENT SLOPES	LEHR	56
53E	WABEK LOAM, 9 TO 25 PERCENT SLOPES	WABEK	56
54	DIVIDE LOAM, 0 TO 4 PERCENT SLOPES	DIVIDE	86
56	REGAN SILT LOAM	REGAN	86
57A	WILLIAMS-BOWBELLS LOAMS, 0 TO 3 PERCENT SLOPES	WILLIAMS	48
57A	WILLIAMS-BOWBELLS LOAMS, 0 TO 3 PERCENT SLOPES	BOWBELLS	48
57B	WILLIAMS-BOWBELLS LOAMS, 3 TO 6 PERCENT SLOPES	WILLIAMS	48
57B	WILLIAMS-BOWBELLS LOAMS, 3 TO 6 PERCENT SLOPES	BOWBELLS	48
57C	WILLIAMS-VIDA LOAMS, 6 TO 9 PERCENT SLOPES	WILLIAMS	48
57C	WILLIAMS-VIDA LOAMS, 6 TO 9 PERCENT SLOPES	VIDA	48
58B	WILLIAMS-VIDA LOAMS, 3 TO 6 PERCENT SLOPES	WILLIAMS	48
58B	WILLIAMS-VIDA LOAMS, 3 TO 6 PERCENT SLOPES	VIDA	48
59D	VIDA-ZAHL LOAMS, 6 TO 15 PERCENT SLOPES	VIDA	48
59D	VIDA-ZAHL LOAMS, 6 TO 15 PERCENT SLOPES	ZAHL	86
61E	ZAHL-VIDA LOAMS, 9 TO 30 PERCENT SLOPES	ZAHL	86
61E	ZAHL-VIDA LOAMS, 9 TO 30 PERCENT SLOPES	VIDA	48
62	VIDA VERY STONY LOAM, 3 TO 15 PERCENT SLOPES	VIDA	0
65B	BRYANT-SUTLEY SILT LOAMS, 2 TO 6 PERCENT SLOPES	BRYANT	48
65B	BRYANT-SUTLEY SILT LOAMS, 2 TO 6 PERCENT SLOPES	SUTLEY	86
65C	BRYANT-SUTLEY SILT LOAMS, 6 TO 9 PERCENT SLOPES	BRYANT	48
65C	BRYANT-SUTLEY SILT LOAMS, 6 TO 9 PERCENT SLOPES	SUTLEY	86
65D	SUTLEY-LINTON SILT LOAMS, 9 TO 15 PERCENT SLOPES	SUTLEY	86
65D	SUTLEY-LINTON SILT LOAMS, 9 TO 15 PERCENT SLOPES	LINTON	56
66	ARVESON FINE SANDY LOAM	ARVESON	86
67A	FARNUF LOAM, 0 TO 3 PERCENT SLOPES	FARNUF	48
67B	FARNUF LOAM, 3 TO 6 PERCENT SLOPES	FARNUF	48
68A	BRYANT-GRASSNA SILT LOAMS, 0 TO 3 PERCENT SLOPES	BRYANT	48
68A	BRYANT-GRASSNA SILT LOAMS, 0 TO 3 PERCENT SLOPES	GRASSNA	48
68B	BRYANT SILT LOAM, 3 TO 6 PERCENT SLOPES	BRYANT	48
68C	BRYANT SILT LOAM, 6 TO 9 PERCENT SLOPES	BRYANT	48
71	RANSLO-HARRIET SILT LOAMS	RANSLO	48
71	RANSLO-HARRIET SILT LOAMS	HARRIET	48
72	STRAW LOAM, CHANNELED	STRAW	56
74A	SAVAGE SILT LOAM, 0 TO 3 PERCENT SLOPES	SAVAGE	48
74B	SAVAGE SILT LOAM, 3 TO 6 PERCENT SLOPES	SAVAGE	48
77	PITS, GRAVEL	ORTHENTS, GRAVELLY	56
7A	HAMERLY SILT LOAM, 0 TO 3 PERCENT SLOPES	HAMERLY	86
7B	HAMERLY SILT LOAM, 3 TO 6 PERCENT SLOPES	HAMERLY	86
80	RANSLO SILT LOAM	RANSLO	48
9C	SEROCO LOAMY FINE SAND, 2 TO 15 PERCENT SLOPES	SEROCO	134
9E	SEROCO-DUNE LAND COMPLEX	SEROCO	134
9E	SEROCO-DUNE LAND COMPLEX	DUNE LAND	250
W	WATER (<40 ACRES IN SIZE)	WATER (LESS THAN 40 ACRES)	

SOIL MAP UNITS AND COMPONENT HIGHLY ERODIBLE LAND CLASS
FOR SOIL SURVEY AREA 021
CAMPBELL CO.

MAP SYMBOL	SOIL MAP UNIT NAME		%	HEL CLASS WIND	HEL CLASS WATER	SOIL LV K	SOIL LV T	HYDRIC SOILS
1A	BOWBELLS LOAM							
		BOWBELLS	100	3	3	0.28	5	1/
2	GRAIL SILTY CLAY LOAM							
		GRAIL	100	3	3	0.32	5	
4	GRASSNA SILT LOAM							
		GRASSNA	100	3	3	0.32	5	1/
5	WILLIAMS-NOONAN LOAMS, 0 TO 4 PERCENT SLOPES							
		WILLIAMS	50	3	3	0.28	5	1/
		NOONAN	35	3	3	0.32	3	
7A	HAMERLY SILT LOAM, 0 TO 3 PERCENT SLOPES							
		HAMERLY	100	3	3	0.28	5	1/
7B	HAMERLY SILT LOAM, 3 TO 6 PERCENT SLOPES							
		HAMERLY	100	3	3	0.28	5	
9C	SEROCO LOAMY FINE SAND, 2 TO 15 PERCENT SLOPES							
		SEROCO	100	1	2	0.15	5	
9E	SEROCO-DUNE LAND COMPLEX							
		SEROCO	50	1	2	0.15	5	
		DUNE LAND	40	1	ER			
10	HURLEY SILT LOAM, 0 TO 6 PERCENT SLOPES							
		HURLEY	100	3	3	0.37	3	
11	HURLEY-SLICKSPOTS COMPLEX, 0 TO 6 PERCENT SLOPES							
		HURLEY	50	3	3	0.37	3	
		SLICKSPOTS	35	ER	ER			
13A	TALLY FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES							
		TALLY	100	3	3	0.20	5	1/
13B	TALLY FINE SANDY LOAM, 3 TO 6 PERCENT SLOPES							
		TALLY	100	3	3	0.20	5	1/
13C	TALLY FINE SANDY LOAM, 6 TO 9 PERCENT SLOPES							
		TALLY	100	3	3	0.20	5	
15	HARRIET SILT LOAM							
		HARRIET	100	3	3	0.37	3	HY-1
16	EGAS SILTY CLAY LOAM							
		EGAS	100	3	3	0.28	5	HY-1
17	HECLA LOAMY SAND							
		HECLA	100	1	3	0.17	5	
18	PARSHALL FINE SANDY LOAM							
		PARSHALL	100	3	3	0.20	5	
19	HEIL SILT LOAM							
		HEIL	100	3	3	0.28	3	HY-3
20D	SULLY SILT LOAM, 9 TO 25 PERCENT SLOPES							
		SULLY	100	3	1	0.43	5	
21A	LINTON-GRASSNA SILT LOAMS, 0 TO 3 PERCENT SLOPES							
		LINTON	45	3	3	0.32	5	1/
		GRASSNA	40	3	3	0.32	5	
21B	LINTON SILT LOAM, 3 TO 6 PERCENT SLOPES							
		LINTON	100	3	3	0.32	5	1/
21C	LINTON-SUTLEY SILT LOAMS, 6 TO 9 PERCENT SLOPES							
		LINTON	55	3	3	0.32	5	1/
		SUTLEY	35	3	3	0.32	5	
21D	SULLY-ZAHL COMPLEX, 9 TO 40 PERCENT SLOPES							
		SULLY	45	3	1	0.43	5	
		ZAHL	40	3	2	0.28	5	
22B	LINTON-SUTLEY SILT LOAMS, 2 TO 6 PERCENT SLOPES							
		LINTON	55	3	3	0.32	5	
		SUTLEY	30	3	3	0.32	5	
22C	LINTON SILT LOAM, 6 TO 9 PERCENT SLOPES							
		LINTON	100	3	3	0.32	5	
24A	YECROSS LOAMY SAND, 0 TO 6 PERCENT SLOPES							
		YECROSS	100	1	3	0.20	5	1/
24C	YECROSS LOAMY SAND, 6 TO 15 PERCENT SLOPES							
		YECROSS	100	1	2	0.20	5	

SOIL MAP UNITS AND COMPONENT HIGHLY ERODIBLE LAND CLASS
FOR SOIL SURVEY AREA 021
CAMPBELL CO.

MAP SYMBOL	SOIL MAP UNIT NAME		%	HEL CLASS WIND	HEL CLASS WATER	SOIL LV K	SOIL LV T	HYDRIC SOILS
27B	MADDOCK LOAMY FINE SAND, 0 TO 6 PERCENT SLOPES							
		MADDOCK	100	1	3	0.17	5	
27C	MADDOCK LOAMY FINE SAND, 6 TO 12 PERCENT SLOPES							
		MADDOCK	100	1	3	0.17	5	
28	WYNDMERE FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES							
		WYNDMERE	100	3	3	0.20	5	
29	VALLERS LOAM							
		VALLERS	100	3	3	0.28	5	HY-2
30	PARNELL SILTY CLAY LOAM, PONDED							
		PARNELL	100	3	3	0.28	5	HY-4
31E	LIHEN LOAMY FINE SAND, 9 TO 20 PERCENT SLOPES							
		LIHEN	100	1	2	0.17	5	
32F	FLASHER LOAMY FINE SAND, 25 TO 50 PERCENT SLOPES							
		FLASHER	100	1	1	0.17	2	
34A	BOWDLE LOAM, 0 TO 3 PERCENT SLOPES							
		BOWDLE	100	3	3	0.28	4	1/
34B	BOWDLE LOAM, 3 TO 6 PERCENT SLOPES							
		BOWDLE	100	3	3	0.28	4	1/
36B	LEHR-WABEK LOAMS, 2 TO 6 PERCENT SLOPES							
		LEHR	55	3	3	0.28	3	1/
		WABEK	35	1	3	0.28	2	
38	PARNELL SILTY CLAY LOAM							
		PARNELL	100	3	3	0.28	5	HY-4
39E	SANSARC-OPAL CLAYS, 15 TO 40 PERCENT SLOPES							
		SANSARC	50	1	1	0.37	2	
		OPAL	40	1	1	0.37	4	
40B	OPAL CLAY, 3 TO 6 PERCENT SLOPES							
		OPAL	100	1	3	0.37	4	
40C	OPAL CLAY, 6 TO 9 PERCENT SLOPES							
		OPAL	100	1	2	0.37	4	
40D	OPAL-SANSARC CLAYS, 6 TO 15 PERCENT SLOPES							
		OPAL	55	1	2	0.37	4	
		SANSARC	30	1	1	0.37	2	
41A	PROMISE CLAY, 0 TO 3 PERCENT SLOPES							
		PROMISE	100	3	3	0.37	5	
41B	PROMISE CLAY, 3 TO 6 PERCENT SLOPES							
		PROMISE	100	3	3	0.37	5	
41C	PROMISE-OPAL CLAYS, 6 TO 9 PERCENT SLOPES							
		PROMISE	55	3	2	0.37	5	
		OPAL	35	1	2	0.37	4	
51	TONKA SILT LOAM							
		TONKA	100	3	3	0.32	5	HY-3
52A	LEHR LOAM, 0 TO 3 PERCENT SLOPES							
		LEHR	100	3	3	0.28	3	1/
52B	LEHR LOAM, 3 TO 6 PERCENT SLOPES							
		LEHR	100	3	3	0.28	3	1/
53D	WABEK-LEHR LOAMS, 6 TO 15 PERCENT SLOPES							
		WABEK	50	1	1	0.28	2	
		LEHR	40	3	2	0.28	3	
53E	WABEK LOAM, 9 TO 25 PERCENT SLOPES							
		WABEK	100	1	2	0.28	2	
54	DIVIDE LOAM, 0 TO 4 PERCENT SLOPES							
		DIVIDE	100	1	3	0.28	4	
56	REGAN SILT LOAM							
		REGAN	100	3	3	0.32	5	HY-2
57A	WILLIAMS-BOWBELLS LOAMS, 0 TO 3 PERCENT SLOPES							
		WILLIAMS	50	3	3	0.28	5	1/
		BOWBELLS	40	3	3	0.28	5	
57B	WILLIAMS-BOWBELLS LOAMS, 3 TO 6 PERCENT SLOPES							
		WILLIAMS	50	3	3	0.28	5	
		BOWBELLS	35	3	3	0.28	5	

SOIL MAP UNITS AND COMPONENT HIGHLY ERODIBLE LAND CLASS
FOR SOIL SURVEY AREA 021
CAMPBELL CO.

MAP SYMBOL	SOIL MAP UNIT NAME		%	HEL CLASS WIND	HEL CLASS WATER	SOIL LV K	SOIL LV T	HYDRIC SOILS
57C	WILLIAMS-VIDA LOAMS, 6 TO 9 PERCENT SLOPES							
		WILLIAMS	50	3	3	0.28	5	1/
		VIDA	35	3	3	0.28	5	
58B	WILLIAMS-VIDA LOAMS, 3 TO 6 PERCENT SLOPES							
		WILLIAMS	50	3	3	0.28	5	1/
		VIDA	35	3	3	0.28	5	
59D	VIDA-ZAHL LOAMS, 6 TO 15 PERCENT SLOPES							
		VIDA	55	3	2	0.28	5	1/
		ZAHL	35	3	2	0.28	5	
61E	ZAHL-VIDA LOAMS, 9 TO 30 PERCENT SLOPES							
		ZAHL	50	3	1	0.28	5	1/
		VIDA	40	3	1	0.28	5	
62	VIDA VERY STONY LOAM, 3 TO 15 PERCENT SLOPES							
		VIDA	100	3	2	0.24	5	
65B	BRYANT-SUTLEY SILT LOAMS, 2 TO 6 PERCENT SLOPES							
		BRYANT	55	3	3	0.32	5	1/
		SUTLEY	30	3	3	0.32	5	
65C	BRYANT-SUTLEY SILT LOAMS, 6 TO 9 PERCENT SLOPES							
		BRYANT	45	3	3	0.32	5	1/
		SUTLEY	40	3	3	0.32	5	
65D	SUTLEY-LINTON SILT LOAMS, 9 TO 15 PERCENT SLOPES							
		SUTLEY	45	3	2	0.32	5	
		LINTON	40	3	2	0.32	5	
66	ARVESON FINE SANDY LOAM							
		ARVESON	100	1	3	0.17	4	HY-2
67A	FARNUF LOAM, 0 TO 3 PERCENT SLOPES							
		FARNUF	100	3	3	0.37	5	1/
67B	FARNUF LOAM, 3 TO 6 PERCENT SLOPES							
		FARNUF	100	3	3	0.37	5	
68A	BRYANT-GRASSNA SILT LOAMS, 0 TO 3 PERCENT SLOPES							
		BRYANT	45	3	3	0.32	5	1/
		GRASSNA	40	3	3	0.32	5	
68B	BRYANT SILT LOAM, 3 TO 6 PERCENT SLOPES							
		BRYANT	100	3	3	0.32	5	1/
68C	BRYANT SILT LOAM, 6 TO 9 PERCENT SLOPES							
		BRYANT	100	3	3	0.32	5	
71	RANSLO-HARRIET SILT LOAMS							
		RANSLO	55	3	3	0.37	3	
		HARRIET	30	3	3	0.37	3	HY-1
72	STRAW LOAM, CHANNELED							
		STRAW	100	3	3	0.32	5	2/
74A	SAVAGE SILT LOAM, 0 TO 3 PERCENT SLOPES							
		SAVAGE	100	3	3	0.37	5	1/
74B	SAVAGE SILT LOAM, 3 TO 6 PERCENT SLOPES							
		SAVAGE	100	3	3	0.37	5	
77	PITS, GRAVEL							
		PITS	100	ER	ER			
80	RANSLO SILT LOAM							
		RANSLO	100	3	3	0.37	3	

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. HEIL OR TONKA SOILS

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