

SOIL MAP UNITS AND COMPONENT HIGHLY ERODIBLE LAND CLASS
FOR SOIL SURVEY AREA 049
FAULK CO.

MAP SYMBOL	SOIL MAP UNIT NAME		HEL CLASS			SOIL LV		HYDRIC SOILS
			%	WIND	WATER	K	T	
BB	BOMBELLS LOAM	BOMBELLS	100	3	3	0.28	5	1/
BOA	BOWDLE LOAM, 0 TO 3 PERCENT SLOPES	BOWDLE	100	3	3	0.28	4	
BRA	BRYANT-GRASSNA SILT LOAMS, 0 TO 2 PERCENT SLOPES	BRYANT	70	3	3	0.32	5	1/
		GRASSNA	20	3	3	0.32	5	
BRB	BRYANT-GRASSNA SILT LOAMS, 2 TO 6 PERCENT SLOPES	BRYANT	60	3	3	0.32	5	1/
		GRASSNA	30	3	3	0.32	5	
HA	HARRIET SILT LOAM	HARRIET	100	3	3	0.37	3	HY-1
HE	HEIL SILT LOAM	HEIL	100	3	3	0.28	3	HY-3
LA	LA PRAIRIE LOAM	LA PRAIRIE	100	3	3	0.28	5	1/
LB	LA PRAIRIE LOAM, CHANNELED	LA PRAIRIE	100	3	3	0.28	5	
LEA	LEHR LOAM, 0 TO 3 PERCENT SLOPES	LEHR	100	3	3	0.28	3	
LEB	LEHR LOAM, 3 TO 6 PERCENT SLOPES	LEHR	100	3	3	0.28	3	
MAA	MANNING SANDY LOAM, 0 TO 3 PERCENT SLOPES	MANNING	100	1	3	0.20	4	
MBA	MANNING VARIANT LOAM, 0 TO 3 PERCENT SLOPES	MANNING VA	100	3	3	0.28	5	1/
MDA	MAX-ARNEGARD LOAMS, 0 TO 3 PERCENT SLOPES	MAX	65	3	3	0.28	5	1/
		ARNEGARD	25	3	3	0.28	5	
MMB	MAX-ARNEGARD-ZAHL LOAMS, 1 TO 6 PERCENT SLOPES	MAX	45	3	3	0.28	5	1/
		ARNEGARD	25	3	3	0.28	5	
		ZAHL	20	3	3	0.28	5	
MNB	MAX-NIOBELL-NOONAN LOAMS, 2 TO 6 PERCENT SLOPES	MAX	50	3	3	0.28	5	1
		NIOBELL	20	3	3	0.32	3	
		NOONAN	15	3	3	0.32	3	
MOA	MONDAMIN SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	MONDAMIN	100	3	3	0.37	5	1/
MOB	MONDAMIN SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	MONDAMIN	100	3	3	0.37	5	1/
NAA	NIOBELL-NOONAN LOAMS, 0 TO 3 PERCENT SLOPES	NIOBELL	40	3	3	0.32	3	1/
		NOONAN	30	3	3	0.32	3	
NBA	NIOBELL-NOONAN-MAX LOAMS, 0 TO 3 PERCENT SLOPES	NIOBELL	30	3	3	0.32	3	1/
		NOONAN	25	3	3	0.32	3	
		MAX	25	3	3	0.28	5	
NH	NISHON SILT LOAM	NISHON	100	3	3	0.43	5	HY-3
NOA	NOONAN-MIRANDA LOAMS, 0 TO 5 PERCENT SLOPES	NOONAN	45	3	3	0.32	3	1/
		MIRANDA	30	3	3	0.32	3	
PA	PARNELL SILTY CLAY LOAM	PARNELL	100	3	3	0.28	5	HY-4
PP	PARNELL SILTY CLAY LOAM, PONDED	PARNELL	100	3	3	0.28	5	HY-4
PT	PITS, GRAVEL	PITS	100	ER	ER			
RAA	RABER-CAVO COMPLEX, 0 TO 2 PERCENT SLOPES	RABER	60	3	3	0.28	5	1/
		CAVO	35	3	3	0.32	3	
RAB	RABER-CAVO COMPLEX, 2 TO 6 PERCENT SLOPES	RABER	60	3	3	0.28	5	1/
		CAVO	30	3	3	0.32	3	
RH	RANSLO-HARRIET SILT LOAMS	RANSLO	50	3	3	0.37	3	
		HARRIET	40	3	3	0.37	3	HY-1

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MAP SYMBOL	SOIL MAP UNIT NAME	% WIND	HEL CLASS WATER	SOIL K	LV T	HYDRIC SOILS
TAA	TALLY FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	100	3	3	0.20	5
TAB	TALLY FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	100	3	3	0.20	5
TN	TONKA-NISHON SILT LOAMS	55	3	3	0.32	5
	TONKA	40	3	3	0.43	5
VAC	VIDA-WILLIAMS VERY STONY LOAMS, 2 TO 9 PERCENT SLOPES	50	3	3	0.24	5
	WILLIAMS	35	3	3	0.20	5
VDC	VIDA-WILLIAMS-BOWBELLS LOAMS, 2 TO 9 PERCENT SLOPES	35	3	3	0.28	5
	WILLIAMS	30	3	3	0.28	5
	BOWBELLS	25	3	3	0.28	5
WAD	WABEK LOAM, 9 TO 25 PERCENT SLOPES	100	1	2	0.28	2
WBC	WABEK-BOWDLE LOAMS, 3 TO 9 PERCENT SLOPES	50	1	2	0.28	2
	BOWDLE	30	3	3	0.28	4
WNA	WILLIAMS-BOWBELLS LOAMS, 0 TO 3 PERCENT SLOPES	65	3	3	0.28	5
	BOWBELLS	25	3	3	0.28	5
WNB	WILLIAMS-BOWBELLS LOAMS, 1 TO 6 PERCENT SLOPES	60	3	3	0.28	5
	BOWBELLS	25	3	3	0.28	5
WDA	WILLIAMS-BOWBELLS-NISHON COMPLEX, 0 TO 3 PERCENT SLOPES	50	3	3	0.28	5
	BOWBELLS	25	3	3	0.28	5
	NISHON	20	3	3	0.43	5
WOB	WILLIAMS-BOWBELLS-NISHON COMPLEX, 1 TO 6 PERCENT SLOPES	45	3	3	0.28	5
	BOWBELLS	25	3	3	0.28	5
	NISHON	20	3	3	0.43	5
WPA	WILLIAMS-BOWBELLS-NOONAN LOAMS, 0 TO 3 PERCENT SLOPES	55	3	3	0.28	5
	BOWBELLS	20	3	3	0.28	5
	NOONAN	20	3	3	0.32	3
WPB	WILLIAMS-BOWBELLS-NOONAN LOAMS, 1 TO 6 PERCENT SLOPES	50	3	3	0.28	5
	BOWBELLS	25	3	3	0.28	5
	NOONAN	20	3	3	0.32	3
WTC	WILLIAMS-BOWBELLS-PARNELL COMPLEX, 1 TO 9 PERCENT SLOPES	35	3	3	0.28	5
	BOWBELLS	25	3	3	0.28	5
	PARNELL	20	3	3	0.28	5
WVB	WILLIAMS-BOWBELLS-VIDA LOAMS, 1 TO 6 PERCENT SLOPES	50	3	3	0.28	5
	BOWBELLS	25	3	3	0.28	5
	VIDA	20	3	3	0.28	5
WNB	WILLIAMS-NIOBELL-NOONAN LOAMS, 3 TO 6 PERCENT SLOPES	50	3	3	0.28	5
	NIOBELL	20	3	3	0.32	3
	NOONAN	15	3	3	0.32	3
WXC	WILLIAMS-VIDA-BOWBELLS STONY LOAMS, 2 TO 9 PERCENT SLOPES	40	3	3	0.20	5
	VIDA	25	3	3	0.24	5
	BOWBELLS	25	3	3	0.28	5
WZO	WILLIAMS-ZAHILL-BOWBELLS LOAMS, 2 TO 15 PERCENT SLOPES	40	3	2	0.28	5
	ZAHILL	25	3	2	0.28	5
	BOWBELLS	25	3	3	0.28	5
ZAE	ZAHILL LOAM, 15 TO 40 PERCENT SLOPES	100	3	1	0.28	5
ZCE	ZAHILL VERY STONY LOAM, 6 TO 25 PERCENT SLOPES	100	3	2	0.24	5
ZLD	ZAHILL-LA PRAIRIE COMPLEX, 2 TO 25 PERCENT SLOPES	45	3	2	0.28	5
	LA PRAIRIE	30	3	3	0.28	5
ZMC	ZAHL-MAX LOAMS, 6 TO 9 PERCENT SLOPES	45	3	3	0.28	5
	MAX	40	3	3	0.28	5
ZMD	ZAHL-MAX LOAMS, 9 TO 20 PERCENT SLOPES	45	3	2	0.28	5
	MAX	40	3	2	0.28	5

Footnotes:

R = 75, C = 0.40

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 PARNELL SOILS

FAULK COUNTY, SOUTH DAKOTA

UNIT_NAME	COMPNAME	I
ELLS LOAM	BOWBELLS	48
LE LOAM, 0 TO 3 PERCENT SLOPES	BOWDLE	48
NT-GRASSNA SILT LOAMS, 0 TO 2 PERCENT SLOPES	BRYANT	48
NT-GRASSNA SILT LOAMS, 0 TO 2 PERCENT SLOPES	GRASSNA	48
NT-GRASSNA SILT LOAMS, 2 TO 6 PERCENT SLOPES	BRYANT	48
NT-GRASSNA SILT LOAMS, 2 TO 6 PERCENT SLOPES	GRASSNA	48
NET SILT LOAM	HARRIET	48
SILT LOAM	HEIL	48
RAIRIE LOAM	LA PRAIRIE	48
RAIRIE LOAM, CHanneled	LA PRAIRIE	48
LOAM, 0 TO 3 PERCENT SLOPES	LEHR	56
LOAM, 3 TO 6 PERCENT SLOPES	LEHR	56
SANDY LOAM, 0 TO 3 PERCENT SLOPES	RUSO	86
ING VARIANT LOAM, 0 TO 3 PERCENT SLOPES	MANNING VARIANT	48
ARNEGARD LOAMS, 0 TO 3 PERCENT SLOPES	MAX	48
ARNEGARD LOAMS, 0 TO 3 PERCENT SLOPES	ARNEGARD	48
ARNEGARD-ZAHL LOAMS, 1 TO 6 PERCENT SLOPES	MAX	48
ARNEGARD-ZAHL LOAMS, 1 TO 6 PERCENT SLOPES	ARNEGARD	48
ARNEGARD-ZAHL LOAMS, 1 TO 6 PERCENT SLOPES	ZAHL	86
NIOBELL-NOONAN LOAMS, 2 TO 6 PERCENT SLOPES	MAX	48
NIOBELL-NOONAN LOAMS, 2 TO 6 PERCENT SLOPES	NIOBELL	48
NIOBELL-NOONAN LOAMS, 2 TO 6 PERCENT SLOPES	NOONAN	48
AMIN SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	MONDAMIN	38
AMIN SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	MONDAMIN	38
ELL-NOONAN LOAMS, 0 TO 3 PERCENT SLOPES	NIOBELL	48
ELL-NOONAN LOAMS, 0 TO 3 PERCENT SLOPES	NOONAN	48
ELL-NOONAN-MAX LOAMS, 0 TO 3 PERCENT SLOPES	NIOBELL	48
ELL-NOONAN-MAX LOAMS, 0 TO 3 PERCENT SLOPES	NOONAN	48
ELL-NOONAN-MAX LOAMS, 0 TO 3 PERCENT SLOPES	MAX	48
ON SILT LOAM	NISHON	48
AN-MIRANDA LOAMS, 0 TO 5 PERCENT SLOPES	NOONAN	48
AN-MIRANDA LOAMS, 0 TO 5 PERCENT SLOPES	MIRANDA	48
ELL SILTY CLAY LOAM	PARNELL	38
ELL SILTY CLAY LOAM, PONDED	PARNELL	0
GRAVEL	ORTHENTS, GRAVELLY	56
R-CAVO COMPLEX, 0 TO 2 PERCENT SLOPES	RABER	48
R-CAVO COMPLEX, 0 TO 2 PERCENT SLOPES	CAVO	48
R-CAVO COMPLEX, 2 TO 6 PERCENT SLOPES	RABER	48
R-CAVO COMPLEX, 2 TO 6 PERCENT SLOPES	CAVO	48
LO-HARRIET SILT LOAMS	RANSLO	48
LO-HARRIET SILT LOAMS	HARRIET	48
T FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	TALLY	86
T FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	TALLY	86
A-NISHON SILT LOAMS	TONKA	48
A-NISHON SILT LOAMS	NISHON	48
WILLIAMS VERY STONY LOAMS, 2 TO 9 PERCENT SLOPES	VIDA	0
WILLIAMS VERY STONY LOAMS, 2 TO 9 PERCENT SLOPES	WILLIAMS	0
WILLIAMS-BOWBELLS LOAMS, 2 TO 9 PERCENT SLOPES	VIDA	48
WILLIAMS-BOWBELLS LOAMS, 2 TO 9 PERCENT SLOPES	WILLIAMS	48
WILLIAMS-BOWBELLS LOAMS, 2 TO 9 PERCENT SLOPES	BOWBELLS	48
LOAM, 9 TO 25 PERCENT SLOPES	WABEK	56
OWDLE LOAMS, 3 TO 9 PERCENT SLOPES	WABEK	56
OWDLE LOAMS, 3 TO 9 PERCENT SLOPES	BOWDLE	48
AMS-BOWBELLS LOAMS, 0 TO 3 PERCENT SLOPES	WILLIAMS	48
AMS-BOWBELLS LOAMS, 0 TO 3 PERCENT SLOPES	BOWBELLS	48

UNIT_NAME	COMPNAME	I
LIAMS-BOWBELLS LOAMS, 1 TO 6 PERCENT SLOPES	WILLIAMS	48
LIAMS-BOWBELLS LOAMS, 1 TO 6 PERCENT SLOPES	BOWBELLS	48
LIAMS-BOWBELLS-NISHON COMPLEX, 0 TO 3 PERCENT SLOPES	WILLIAMS	48
LIAMS-BOWBELLS-NISHON COMPLEX, 0 TO 3 PERCENT SLOPES	BOWBELLS	48
LIAMS-BOWBELLS-NISHON COMPLEX, 0 TO 3 PERCENT SLOPES	NISHON	48
LIAMS-BOWBELLS-NISHON COMPLEX, 1 TO 6 PERCENT SLOPES	WILLIAMS	48
LIAMS-BOWBELLS-NISHON COMPLEX, 1 TO 6 PERCENT SLOPES	BOWBELLS	48
LIAMS-BOWBELLS-NISHON COMPLEX, 1 TO 6 PERCENT SLOPES	NISHON	48
LIAMS-BOWBELLS-NOONAN LOAMS, 0 TO 3 PERCENT SLOPES	WILLIAMS	48
LIAMS-BOWBELLS-NOONAN LOAMS, 0 TO 3 PERCENT SLOPES	BOWBELLS	48
LIAMS-BOWBELLS-NOONAN LOAMS, 0 TO 3 PERCENT SLOPES	NOONAN	48
LIAMS-BOWBELLS-NOONAN LOAMS, 1 TO 6 PERCENT SLOPES	WILLIAMS	48
LIAMS-BOWBELLS-NOONAN LOAMS, 1 TO 6 PERCENT SLOPES	BOWBELLS	48
LIAMS-BOWBELLS-NOONAN LOAMS, 1 TO 6 PERCENT SLOPES	NOONAN	48
LIAMS-BOWBELLS-PARNELL COMPLEX, 1 TO 9 PERCENT SLOPES	WILLIAMS	48
LIAMS-BOWBELLS-PARNELL COMPLEX, 1 TO 9 PERCENT SLOPES	BOWBELLS	48
LIAMS-BOWBELLS-PARNELL COMPLEX, 1 TO 9 PERCENT SLOPES	PARNELL	38
LIAMS-BOWBELLS-VIDA LOAMS, 1 TO 6 PERCENT SLOPES	WILLIAMS	48
LIAMS-BOWBELLS-VIDA LOAMS, 1 TO 6 PERCENT SLOPES	BOWBELLS	48
LIAMS-BOWBELLS-VIDA LOAMS, 1 TO 6 PERCENT SLOPES	VIDA	48
LIAMS-NIOBELL-NOONAN LOAMS, 3 TO 6 PERCENT SLOPES	WILLIAMS	48
LIAMS-NIOBELL-NOONAN LOAMS, 3 TO 6 PERCENT SLOPES	NIOBELL	48
LIAMS-NIOBELL-NOONAN LOAMS, 3 TO 6 PERCENT SLOPES	NOONAN	48
LIAMS-VIDA-BOWBELLS STONY LOAMS, 2 TO 9 PERCENT SLOPES	WILLIAMS	0
LIAMS-VIDA-BOWBELLS STONY LOAMS, 2 TO 9 PERCENT SLOPES	VIDA	48
LIAMS-VIDA-BOWBELLS STONY LOAMS, 2 TO 9 PERCENT SLOPES	BOWBELLS	48
LIAMS-ZAHILL-BOWBELLS LOAMS, 2 TO 15 PERCENT SLOPES	WILLIAMS	48
LIAMS-ZAHILL-BOWBELLS LOAMS, 2 TO 15 PERCENT SLOPES	ZAHILL	86
LIAMS-ZAHILL-BOWBELLS LOAMS, 2 TO 15 PERCENT SLOPES	BOWBELLS	48
ILL LOAM, 15 TO 40 PERCENT SLOPES	ZAHILL	86
ILL VERY STONY LOAM, 6 TO 25 PERCENT SLOPES	ZAHILL	48
ILL-LA PRAIRIE COMPLEX, 2 TO 25 PERCENT SLOPES	ZAHILL	86
ILL-LA PRAIRIE COMPLEX, 2 TO 25 PERCENT SLOPES	LA PRAIRIE	48
L-MAX LOAMS, 6 TO 9 PERCENT SLOPES	ZAHILL	86
L-MAX LOAMS, 6 TO 9 PERCENT SLOPES	MAX	48
L-MAX LOAMS, 9 TO 20 PERCENT SLOPES	ZAHILL	86
L-MAX LOAMS, 9 TO 20 PERCENT SLOPES	MAX	48
ER	WATER (LESS THAN 40 ACRES)	