Table 1. Soil Interpretive Groups
Shannon County, South Dakota

musym:c	mapping_unit_name	soil:c	s5id:c	pct	sl:i	sh:i	cap:c	past:c	wind:c	rsid	weg:c	I	kf:f	T:i	hg:c
Aa	LOHMILLER SILTY CLAY LOAM, CHANNELED, 0 TO 2 PERCENT SLOPES	LOHMILLER	SD0351	85	0	2	VIw1	NS	1K	LOv	4L	86	0.37	5	C
AsB	ANSELMO SANDY LOAM, 0 TO 5 PERCENT SLOPES	ANSELMO	NE0003	85	2	5	IIIe7	H	5	Sy	3	86	0.2	5	B
AsC	ANSELMO SANDY LOAM, 5 TO 9 PERCENT SLOPES	ANSELMO	NE0003	85	6	9	IVe8	H	5	Sy	3	86	0.2	5	B
AvE	ANSELMO-VALENTINE COMPLEX, 5 TO 20 PERCENT SLOPES	ANSELMO	NE0003	50	11	17	VIe6	NS	5	Sy	3	86	0.2	5	B
AvE	ANSELMO-VALENTINE COMPLEX, 5 TO 20 PERCENT SLOPES	VALENTINE	NE0091	35	5	20	VIe7	NS	7	Sa	1	250	0.15	5	A
Ba	BADLAND-DENBY-INTERIOR COMPLEX, 0 TO 90 PERCENT SLOPES	BADLAND	SD3006	35	0	50	VIIIs2	NS	10		4	86	0.1	1	D
Ba	BADLAND-DENBY-INTERIOR COMPLEX, 0 TO 90 PERCENT SLOPES	DENBY	SD0421	25	0	4	IVs6	I	4C	Cy	4	86	0.28	5	C
Ba	BADLAND-DENBY-INTERIOR COMPLEX, 0 TO 90 PERCENT SLOPES	INTERIOR	SD0364	20	0	3	VIs7	NS	10	BOvUC	4L	86	0.37	5	B
Bk	BANKARD LOAMY SAND, 0 TO 3 PERCENT SLOPES	BANKARD	CO4427	90	0	3	VIe8	NS	7	Sa	2	134	0.17	5	A
Br	BADLAND	BADLAND	SD3006	80	0	60	VIIIs2	NS	10		4	86	0.1	1	D
Bu	BUFFINGTON SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	BUFFINGTON	NE0441	85	0	2	IIIc2	F	3	Si	4L	86	0.32	5	B
CaF	CANYON-OGLALA ASSOCIATION, 18 TO 40 PERCENT SLOPES	CANYON	NE0019	50	18	40	VIIe7	NS	10	Sw	4L	86	0.32	2	D
CaF	CANYON-OGLALA ASSOCIATION, 18 TO 40 PERCENT SLOPES	OGLALA	SD0235	25	18	40	VIe1	NS	10	Si	5	56	0.28	4	B
Cc	CANYON-ROCK OUTCROP ASSOCIATION, 18 TO 40 PERCENT SLOPES	CANYON	NE0019	45	18	40	VIIe7	NS	10	Sw	4L	86	0.32	2	D
Cc	CANYON-ROCK OUTCROP ASSOCIATION, 18 TO 40 PERCENT SLOPES	ROCK OUTCRO	SD3020	25	18	40	VIIIs1	NS	10		8	na	0.1	1	D
Cy	DENBY SILTY CLAY, 0 TO 4 PERCENT SLOPES	DENBY	SD0421	80	0	4	IVs6	I	4C	Cy	4	86	0.28	5	C
DvB	DUNDAY-VALENTINE COMPLEX, 0 TO 5 PERCENT SLOPES	DUNDAY	NE0423	50	0	5	IVe9	H	7	Sy	2	134	0.17	5	A
DvB	DUNDAY-VALENTINE COMPLEX, 0 TO 5 PERCENT SLOPES	VALENTINE	NE0091	40	3	5	VIe7	NS	7	Sa	1	250	0.15	5	A
Ef	ELSMERE-LOUP LOAMY FINE SANDS, 0 TO 3 PERCENT SLOPES	ELSMERE	NE0032	60	0	3	IVw1	A	2	Sb	2	134	0.17	5	A
Ef	ELSMERE-LOUP LOAMY FINE SANDS, 0 TO 3 PERCENT SLOPES	LOUP	NE0459	25	0	3	Vw3	B1	2	Sb	2	134	0.17	5	D
EhF	EPPING-KADOKA ASSOCIATION, 9 TO 40 PERCENT SLOPES	EPPING	NE0033	50	15	40	VIIe7	NS	10	Sw	4L	86	0.37	2	D
EhF	EPPING-KADOKA ASSOCIATION, 9 TO 40 PERCENT SLOPES	KADOKA	SD0113	30	9	15	IVe1	F	6D	Si	6	48	0.32	3	B
EkE	EPPING-KADOKA SILT LOAMS, 9 TO 18 PERCENT SLOPES	EPPING	NE0033	50	9	15	VIe11	NS	10	Sw	4L	86	0.37	2	D
EkE	EPPING-KADOKA SILT LOAMS, 9 TO 18 PERCENT SLOPES	KADOKA	SD0113	40	9	15	IVe1	F	6D	Si	6	48	0.32	3	B
Er	EPPING-ROCK OUTCROP COMPLEX, 9 TO 40 PERCENT SLOPES	EPPING	NE0033	50	15	40	VIIe7	NS	10	Sw	4L	86	0.37	2	D
Er	EPPING-ROCK OUTCROP COMPLEX, 9 TO 40 PERCENT SLOPES	ROCK OUTCRO	SD3020	25	9	40	VIIIs1	NS	10		8	na	0.1	1	D
GoA	MOBRIDGE SILT LOAM, 0 TO 3 PERCENT SLOPES	MOBRIDGE	SD0139	90	0	2	IIc3	K	1	LOv	6	48	0.28	5	B
Gr	NIHILL GRAVELLY LOAM, 2 TO 30 PERCENT SLOPES	NIHILL	WY1429	75	25	30	VIIs7	NS	10	VSw	4L	86	0.24	3	B
HhA	HAVERSON LOAM, 0 TO 3 PERCENT SLOPES, RARELY FLOODED	HAVERSON	CO4422	85	0	2	IIIc2	F	1K	LT	4L	86	0.28	5	B
HlA	HAVERSON LOAM, 0 TO 3 PERCENT SLOPES, OCCASIONALLY FLOODED	HAVERSON	CO4422	90	0	3	IIIw6	K	1K	LOv	4L	86	0.28	5	B
HoA	HAVERSON SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	HAVERSON	CO4422	90	0	3	IIIw6	K	1K	LOv	4L	86	0.32	5	B
Hs	HISLE SILT LOAM, 0 TO 9 PERCENT SLOPES	HISLE	SD0117	80	0	9	VIs3	NS	10	TCp	6	48	0.37	2	D
Ht	HISLE-SWANBOY COMPLEX, SALINE, 0 TO 6 PERCENT SLOPES	HISLE	SD0117	50	0	6	VIs3	NS	10	TCp	6	48	0.37	2	D
Ht	HISLE-SWANBOY COMPLEX, SALINE, 0 TO 6 PERCENT SLOPES	SWANBOY	SD0066	45	0	6	VIs6	NS	10	DC	4	86	0.37	5	D
Hv	HOVEN SILT LOAM, 0 TO 1 PERCENT SLOPES	HOVEN	SD0056	90	0	1	VIs3	B2	10	CD	6	48	0.37	2	D
KaA	KADOKA SILT LOAM, 0 TO 3 PERCENT SLOPES	KADOKA	SD0113	90	0	3	IIc2	F	6D	Si	6	48	0.32	3	B
KaB	KADOKA SILT LOAM, 3 TO 5 PERCENT SLOPES	KADOKA	SD0113	90	3	5	IIe1	F	6D	Si	6	48	0.32	3	B
KaC	KADOKA SILT LOAM, 5 TO 9 PERCENT SLOPES	KADOKA	SD0113	85	5	9	IIIe1	F	6D	Si	6	48	0.32	3	B
KbC	KADOKA-EPPING SILT LOAMS, 3 TO 9 PERCENT SLOPES	KADOKA	SD0113	50	6	9	IIIe1	F	6D	Si	6	48	0.32	3	B
KbC	KADOKA-EPPING SILT LOAMS, 3 TO 9 PERCENT SLOPES	EPPING	NE0033	40	6	9	VIe11	NS	10	Sw	4L	86	0.37	2	D
KeA	KEITH SILT LOAM, 0 TO 3 PERCENT SLOPES	KEITH	NE0445	90	0	3	IIc2	F	3	Si	6	48	0.32	5	B
KeB	KEITH SILT LOAM, 3 TO 5 PERCENT SLOPES	KEITH	NE0445	85	3	5	IIe1	F	3	Si	6	48	0.32	5	B
KhD	KEITH-COLBY SILT LOAMS, 9 TO 12 PERCENT SLOPES	KEITH	NE0445	50	9	11	IVe1	F	3	Si	6	48	0.32	5	B
KhD	KEITH-COLBY SILT LOAMS, 9 TO 12 PERCENT SLOPES	COLBY	KS0313	35	9	12	VIe3	G	8	TU	4L	86	0.32	5	B
KhE	KEITH-COLBY SILT LOAMS, 12 TO 18 PERCENT SLOPES	KEITH	NE0445	50	10	11	IVe1	F	3	Si	6	48	0.32	5	B
KhE	KEITH-COLBY SILT LOAMS, 12 TO 18 PERCENT SLOPES	COLBY	KS0313	30	12	18	VIe3	NS	10	TU	4L	86	0.32	5	B
KrA	KEITH-ROSEBUD SILT LOAMS, 0 TO 3 PERCENT SLOPES	KEITH	NE0445	50	0	3	IIc2	F	3	Si	6	48	0.32	5	B
KrA	KEITH-ROSEBUD SILT LOAMS, 0 TO 3 PERCENT SLOPES	ROSEBUD	NE0437	45	0	3	IIc2	F	6D	Si	6	48	0.32	3	B
KuC	KEITH-ULYSSES SILT LOAMS, 5 TO 9 PERCENT SLOPES	KEITH	NE0445	45	5	9	IIIe1	F	3	Si	6	48	0.32	5	B
KuC	KEITH-ULYSSES SILT LOAMS, 5 TO 9 PERCENT SLOPES	ULYSSES	KS0321	40	5	9	IIIe1	F	3	Si	6	48	0.32	5	B
KyA	SWANBOY CLAY, 0 TO 3 PERCENT SLOPES	SWANBOY	SD0066	95	0	3	VIs6	NS	10	DC	4	86	0.37	5	D

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KyB	SWANBOY CLAY, 3 TO 5 PERCENT SLOPES	SWANBOY	SD0066	95	3	5	VIs6	NS	10	DC	4	86	0.37	5	D
KzA	KYLE SILTY CLAY, 0 TO 3 PERCENT SLOPES	KYLE	SD0078	90	0	3	IVs3	I	4C	Cy	4	86	0.37	5	D
Le	LAMO-ELSMERE COMPLEX, 0 TO 3 PERCENT SLOPES	LAMO	NE0051	45	0	2	IVw1	A	2K	Sb	4L	86	0.32	5	C
Le	LAMO-ELSMERE COMPLEX, 0 TO 3 PERCENT SLOPES	ELSMERE	NE0032	40	0	3	IVw1	A	2	Sb	2	134	0.17	5	A
Lm	INTERIOR SILT LOAM, 0 TO 3 PERCENT SLOPES	INTERIOR	SD0364	80	0	3	VIs7	NS	10	BOvUC	4L	86	0.37	5	B
Ls	LOUP FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	LOUP	NE0459	75	0	2	Vw3	B1	2	Sb	3	86	0.2	3	D
McB	MANVEL SILTY CLAY LOAM, 0 TO 5 PERCENT SLOPES	MANVEL	CO4425	85	0	5	IVe8	G	8	TU	4L	86	0.32	5	B
Me	MINATARE LOAM, 0 TO 2 PERCENT SLOPES	MINATARE	NE0426	80	0	2	VIs1	NS	10	TCp	4L	86	0.32	2	D
MgD	MINNEQUA SILTY CLAY LOAM, 5 TO 12 PERCENT SLOPES	MINNEQUA	CO4421	80	5	9	VIe3	G	8	TU	4L	86	0.32	3	C
Mm	MOSHER-MINATARE COMPLEX, 0 TO 6 PERCENT SLOPES	MOSHER	SD0096	60	0	6	IVs2	C	9C	Cp	6	48	0.37	2	D
Mm	MOSHER-MINATARE COMPLEX, 0 TO 6 PERCENT SLOPES	MINATARE	NE0426	25	0	2	VIs1	NS	10	TCp	4L	86	0.32	2	D
OcE	OGLALA-CANYON LOAMS, 9 TO 18 PERCENT SLOPES	OGLALA	SD0235	50	15	18	VIe1	NS	10	Si	5	56	0.28	4	B
OcE	OGLALA-CANYON LOAMS, 9 TO 18 PERCENT SLOPES	CANYON	NE0019	35	9	15	VIe11	NS	10	Sw	4L	86	0.32	2	D
OeC	ORELLA CLAY, 0 TO 9 PERCENT SLOPES	ORELLA	NE0427	80	1	9	VIIe5	NS	10	SwC	4	86	0.32	2	D
Os	ORELLA-SHALE OUTCROP COMPLEX, 3 TO 18 PERCENT SLOPES	ORELLA	NE0427	55	3	18	VIIe5	NS	10	SwC	4	86	0.32	2	D
Os	ORELLA-SHALE OUTCROP COMPLEX, 3 TO 18 PERCENT SLOPES	SHALE OUTCR(	SD3006	25	3	18	VIIIs2	NS	10		4	86	0.1	1	D
PcE	ENNING AND MINNEQUA SILTY CLAY LOAMS, 5 TO 20 PERCENT SLOPES	ENNING	SD0138	40	5	20	VIe11	NS	10	Sw	4L	86	0.32	2	D
PcE	ENNING AND MINNEQUA SILTY CLAY LOAMS, 5 TO 20 PERCENT SLOPES	MINNEQUA	CO4421	40	5	9	VIe3	G	8	TU	4L	86	0.32	3	C
Pd	ENNING-ROCK OUTCROP COMPLEX, 5 TO 40 PERCENT SLOPES	ENNING	SD0138	55	25	40	VIIe7	NS	10	Sw	4L	86	0.32	2	D
Pd	ENNING-ROCK OUTCROP COMPLEX, 5 TO 40 PERCENT SLOPES	ROCK OUTCRC	SD3006	25	5	40	VIIIs2	NS	10		4	86	0.1	1	D
PeC	PIERRE CLAY, 3 TO 9 PERCENT SLOPES	PIERRE	SD0077	85	3	9	IVe3	I	4C	Cy	4	86	0.37	3	D
PsE	PIERRE-SAMSIL CLAYS, 9 TO 25 PERCENT SLOPES	PIERRE	SD0077	60	15	25	VIe4	NS	10	Cy	4	86	0.37	3	D
PsE	PIERRE-SAMSIL CLAYS, 9 TO 25 PERCENT SLOPES	SAMSIL	SD0109	25	9	25	VIe12	NS	10	SwC	4	86	0.37	2	D
RaA	RICHFIELD-ALTVAN SILT LOAMS, 0 TO 3 PERCENT SLOPES	RICHFIELD	KS0314	45	0	3	IIc1	F	3	Si	6	48	0.32	5	B
RaA	RICHFIELD-ALTVAN SILT LOAMS, 0 TO 3 PERCENT SLOPES	ALTVAN	NE0424	40	0	3	IVs1	D1	6G	Si	5	56	0.32	4	B
RaB	RICHFIELD-ALTVAN SILT LOAMS, 3 TO 5 PERCENT SLOPES	RICHFIELD	KS0314	45	3	5	IIe1	F	3	Si	6	48	0.32	5	B
RaB	RICHFIELD-ALTVAN SILT LOAMS, 3 TO 5 PERCENT SLOPES	ALTVAN	NE0424	40	3	5	IVe2	D1	6G	Si	5	56	0.32	4	B
RdA	RICHFIELD-DAWES SILT LOAMS, 0 TO 3 PERCENT SLOPES	RICHFIELD	KS0314	55	0	3	IIc1	F	3	Si	6	48	0.32	5	B
RdA	RICHFIELD-DAWES SILT LOAMS, 0 TO 3 PERCENT SLOPES	DAWES	NE0425	35	0	1	IIIs1	E	4	Si	6	48	0.37	4	C
ReB	ROSEBUD-CANYON LOAMS, 5 TO 9 PERCENT SLOPES	ROSEBUD	NE0437	50	5	9	IIIe1	F	6D	Si	6	48	0.28	3	B
ReB	ROSEBUD-CANYON LOAMS, 5 TO 9 PERCENT SLOPES	CANYON	NE0019	35	5	9	VIe11	NS	10	Sw	4L	86	0.32	2	D
RkC	ROSEBUD-KEITH SILT LOAMS, 3 TO 9 PERCENT SLOPES	ROSEBUD	NE0437	60	3	6	IIe1	F	6D	Si	6	48	0.32	3	B
RkC	ROSEBUD-KEITH SILT LOAMS, 3 TO 9 PERCENT SLOPES	KEITH	NE0445	30	3	6	IIe1	F	3	Si	6	48	0.32	5	B
Ss	SAMSIL-SHALE OUTCROP COMPLEX, 3 TO 40 PERCENT SLOPES	SAMSIL	SD0109	60	25	40	VIIe5	NS	10	SwC	4	86	0.37	2	D
Ss	SAMSIL-SHALE OUTCROP COMPLEX, 3 TO 40 PERCENT SLOPES	SHALE OUTCR(	SD3006	20	3	40	VIIIs2	NS	10		4	86	0.1	1	D
Sw	SWANBOY CLAY, 0 TO 6 PERCENT SLOPES	SWANBOY	SD0066	80	0	6	VIs6	NS	10	DC	4	86	0.37	5	D
TaF	TASSEL-ANSELMO COMPLEX, 10 TO 40 PERCENT SLOPES	TASSEL	NE0428	60	10	25	VIe10	NS	10	Sw	3	86	0.24	2	D
TaF	TASSEL-ANSELMO COMPLEX, 10 TO 40 PERCENT SLOPES	ANSELMO	NE0003	30	10	17	VIe6	NS	5	Sy	3	86	0.2	5	B
Te	EPPING-MITCHELL SILT LOAMS, 9 TO 30 PERCENT SLOPES	EPPING	NE0033	50	15	30	VIIe7	NS	10	Sw	4L	86	0.37	2	D
Te	EPPING-MITCHELL SILT LOAMS, 9 TO 30 PERCENT SLOPES	MITCHELL	NE0066	30	15	30	VIe3	NS	10	TU	4L	86	0.32	5	B
TnA	TUTHILL-ANSELMO FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES	TUTHILL	SD0216	45	0	3	IIIe7	H	6G	Sy	3	86	0.2	4	B
TnA	TUTHILL-ANSELMO FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES	ANSELMO	NE0003	40	2	3	IIIe7	H	5	Sy	3	86	0.2	5	B
TnC	TUTHILL-ANSELMO FINE SANDY LOAMS, 3 TO 9 PERCENT SLOPES	TUTHILL	SD0216	40	6	9	IVe8	H	6G	Sy	3	86	0.2	4	B
TnC	TUTHILL-ANSELMO FINE SANDY LOAMS, 3 TO 9 PERCENT SLOPES	ANSELMO	NE0003	40	6	9	IVe8	H	5	Sy	3	86	0.2	5	B
TuA	TUTHILL-MANTER FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES	TUTHILL	SD0216	45	0	3	IIIe7	H	6G	Sy	3	86	0.2	4	B
TuA	TUTHILL-MANTER FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES	MANTER	CO0031	45	1	3	IIIe7	H	5	Sy	3	86	0.2	5	B
TuB	TUTHILL-MANTER FINE SANDY LOAMS, 3 TO 5 PERCENT SLOPES	TUTHILL	SD0216	45	3	5	IIIe8	H	6G	Sy	3	86	0.2	4	B
TuB	TUTHILL-MANTER FINE SANDY LOAMS, 3 TO 5 PERCENT SLOPES	MANTER	CO0031	40	3	5	IVe8	H	5	Sy	3	86	0.2	5	B
TuC	TUTHILL-MANTER FINE SANDY LOAMS, 5 TO 9 PERCENT SLOPES	TUTHILL	SD0216	45	6	9	IVe8	H	6G	Sy	3	86	0.2	4	B
TuC	TUTHILL-MANTER FINE SANDY LOAMS, 5 TO 9 PERCENT SLOPES	MANTER	CO0031	40	6	9	IVe8	H	5	Sy	3	86	0.2	5	B
UcC	ULYSSES-COLBY COMPLEX, SAND SUBSTRATUM, 3 TO 9 PERCENT SLOPES	ULYSSES	KS0321	60	3	9	IIIe1	F	3	Si	6	48	0.32	5	B

Table 1. Soil Interpretive Groups
Shannon County, South Dakota

musym:c	mapping_unit_name	soil:c	s5id:c	pct	sl:i	sh:i	cap:c	past:c	wind:c	rsid	weg:c	I	kf:f	T:i	hg:c
UcC	ULYSSES-COLBY COMPLEX, SAND SUBSTRATUM, 3 TO 9 PERCENT SLOPES	COLBY	KS0313	30	6	9	VIe3	G	8	TU	4L	86	0.32	5	B
VaC	VALENTINE FINE SAND, ROLLING	VALENTINE	NE0091	85	3	18	VIe7	NS	7	Sa	1	250	0.15	5	A
VaD	VALENTINE FINE SAND, HILLY	VALENTINE	NE0091	90	15	35	VIIe1	NS	10	CSa	1	250	0.15	5	A
Vs	VALENTINE SAND, 3 TO 30 PERCENT SLOPES	VALENTINE	NE0091	90	3	30	VIe7	NS	7	Sa	1	250	0.15	5	A
Ww	WORTMAN-WANBLEE SILT LOAMS, 0 TO 6 PERCENT SLOPES	WORTMAN	SD0132	50	0	6	IVs2	C	9C	Cp	5	56	0.37	2	D
Ww	WORTMAN-WANBLEE SILT LOAMS, 0 TO 6 PERCENT SLOPES	WANBLEE	SD0112	30	0	6	VIs3	NS	10	TCp	6	48	0.37	2	D
w	WATER > 40 ACRES	WATER		100											
wa	WATER < 40 ACRES	WATER		100											