Table 1. Soil Interpretive Groups
Brule and Buffalo Counties, 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
Ar	ARTESIAN SILTY CLAY LOAM	ARTESIAN	SD0603	80	0	1	IIw2	A	1	Sb	4	86	0.37	5	D
BeB	BEADLE LOAM, 2 TO 6 PERCENT SLOPES	BEADLE	SD0017	80	2	6	IIIe3	E	4	Cy	6	48	0.28	5	C
BeC	BEADLE LOAM, 6 TO 9 PERCENT SLOPES	BEADLE	SD0017	75	6	9	IVe7	E	4	Cy	6	48	0.28	5	C
BgB	BEADLE-JERAULD COMPLEX, 1 TO 5 PERCENT SLOPES	BEADLE	SD0017	50	2	5	IIIe3	E	4	Cy	6	48	0.28	5	C
BgB	BEADLE-JERAULD COMPLEX, 1 TO 5 PERCENT SLOPES	JERAULD	SD0487	25	1	2	VIs1	NS	10	TCp	6	48	0.37	2	D
BmF	BETTS-JAVA LOAMS, 20 TO 40 PERCENT SLOPES	BETTS	SD0311	45	25	40	VIIe3	NS	10	TU	4L	86	0.28	5	B
BmF	BETTS-JAVA LOAMS, 20 TO 40 PERCENT SLOPES	JAVA	SD0175	30	20	30	VIIe3	NS	10	Si	6	48	0.28	5	B
Bn	BON LOAM	BON	SD0551	80	0	2	IIc3	K	1	LOv	6	48	0.24	5	B
Bo	BON LOAM, CHANNELED	BON	SD0314	40	0	2	VIw1	NS	1	LOv	6	48	0.24	5	B
Bo	BON LOAM, CHANNELED	BON	SD0551	40	0	2	IIc3	K	1	LOv	6	48	0.24	5	B
Bu	BULLCREEK CLAY	BULLCREEK	SD0388	80	0	4	VIs5	NS	10	DC	4	86	0.37	5	D
Ca	CARTER SILT LOAM	CARTER	SD0074	75	0	2	VIs1	NS	10	TCp	6	48	0.37	2	D
Cp	CARTER-PROMISE COMPLEX	CARTER	SD0074	60	0	3	VIs1	NS	10	TCp	6	48	0.37	2	D
Cp	CARTER-PROMISE COMPLEX	PROMISE	SD0071	30	0	3	IIIs3	I	4C	Cy	4	86	0.37	5	D
Cr	CAVO-JERAULD SILT LOAMS	CAVO	SD0179	60	0	2	IVs2	C	9C	Cp	6	48	0.37	2	D
Cr	CAVO-JERAULD SILT LOAMS	JERAULD	SD0487	20	0	3	VIs1	NS	10	TCp	6	48	0.37	2	D
CsD	CHANTIER-SANSARC CLAYS, 2 TO 15 PERCENT SLOPES	CHANTIER	SD0166	60	2	15	VIs5	NS	10	DC	4	86	0.37	2	D
CsD	CHANTIER-SANSARC CLAYS, 2 TO 15 PERCENT SLOPES	SANSARC	SD0067	20	2	15	VIe12	NS	10	SwC	4	86	0.37	2	D
DaA	DEGREY-EAKIN-JERAULD SILT LOAMS, 0 TO 2 PERCENT SLOPES	DEGREY	SD0094	35	0	2	IVs2	C	9C	Cp	6	48	0.37	2	D
DaA	DEGREY-EAKIN-JERAULD SILT LOAMS, 0 TO 2 PERCENT SLOPES	EAKIN	SD0059	25	0	2	IIc2	F	3	Si	6	48	0.32	5	B
DaA	DEGREY-EAKIN-JERAULD SILT LOAMS, 0 TO 2 PERCENT SLOPES	JERAULD	SD0487	15	0	2	VIs1	NS	10	TCp	6	48	0.37	2	D
DeD	DELMONT LOAM, 6 TO 15 PERCENT SLOPES	DELMONT	SD0023	80	6	15	VIe5	NS	10	SwG	6	48	0.28	3	B
Do	DORNA SILT LOAM	DORNA	SD0182	80	0	3	IIc2	F	3	Si	5	56	0.37	4	B
Du	DURRSTEIN SILT LOAM	DURRSTEIN	SD0024	80	0	1	VIs6	J	10	SL	6	48	0.37	2	D
EaA	EAKIN-DEGREY SILT LOAMS, 0 TO 3 PERCENT SLOPES	EAKIN	SD0059	45	0	3	IIc2	F	3	Si	6	48	0.32	5	B
EaA	EAKIN-DEGREY SILT LOAMS, 0 TO 3 PERCENT SLOPES	DEGREY	SD0094	30	0	3	IVs2	C	9C	Cp	6	48	0.37	2	D
Eg	EGAS SILTY CLAY LOAM	EGAS	SD0026	80	0	1	VIs6	J	10	SL	4	86	0.37	5	D
Ew	EGAS VARIANT SILTY CLAY LOAM	EGAS VARIANT	SD0396	85	0	1	Vw1	NS	10	SL	4	86	0.37	5	D
Fa	FARMSWORTH SILT LOAM	FARMSWORTH	SD0255	75	0	2	IVs2	C	9W	Cp	6	48	0.32	2	D
GeE	GETTYS CLAY LOAM, 9 TO 25 PERCENT SLOPES	GETTYS	SD0103	75	9	25	VIe3	NS	10	TU	4L	86	0.28	5	C
GeF	GETTYS CLAY LOAM, 25 TO 40 PERCENT SLOPES	GETTYS	SD0103	75	25	40	VIIe3	NS	10	TU	4L	86	0.28	5	C
GhA	GLENHAM LOAM, 0 TO 3 PERCENT SLOPES	GLENHAM	SD0172	75	0	3	IIc2	F	3	Si	6	48	0.28	5	B
GkB	GLENHAM-JAVA LOAMS, 3 TO 6 PERCENT SLOPES	GLENHAM	SD0172	55	3	6	IIe2	F	3	Si	6	48	0.28	5	B
GkB	GLENHAM-JAVA LOAMS, 3 TO 6 PERCENT SLOPES	JAVA	SD0175	20	3	6	IIIe12	G	8	Si	6	48	0.28	5	B
HgB	HIGHMORE-JAVA COMPLEX, 1 TO 5 PERCENT SLOPES	HIGHMORE	SD0316	50	1	5	IIe1	F	3	Si	6	48	0.32	5	B
HgB	HIGHMORE-JAVA COMPLEX, 1 TO 5 PERCENT SLOPES	JAVA	SD0175	25	2	5	IIIe12	G	8	Si	6	48	0.28	5	B
HgC	HIGHMORE-JAVA COMPLEX, 5 TO 9 PERCENT SLOPES	HIGHMORE	SD0316	40	5	7	IIIe1	F	3	Si	6	48	0.32	5	B
HgC	HIGHMORE-JAVA COMPLEX, 5 TO 9 PERCENT SLOPES	JAVA	SD0175	35	6	9	IVe3	G	8	Si	6	48	0.28	5	B
HmA	HIGHMORE-MOBRIDGE SILT LOAMS, 0 TO 4 PERCENT SLOPES	HIGHMORE	SD0058	50	0	4	IIc2	F	3	Si	6	48	0.32	5	B
HmA	HIGHMORE-MOBRIDGE SILT LOAMS, 0 TO 4 PERCENT SLOPES	MOBRIDGE	SD0139	25	0	2	IIc3	K	1	LOv	6	48	0.28	5	B
HoB	HURLEY SILT LOAM, 0 TO 6 PERCENT SLOPES	HURLEY	SD0118	75	2	6	VIs1	NS	10	TCp	6	48	0.37	2	D
HsA	HURLEY-SLICKSPOTS COMPLEX, 1 TO 4 PERCENT SLOPES	HURLEY	SD0118	60	1	4	VIs1	NS	10	TCp	6	48	0.37	2	D
HsA	HURLEY-SLICKSPOTS COMPLEX, 1 TO 4 PERCENT SLOPES	SLICKSPOTS	SD3012	20	1	4	VIIIs2	NS	10		4	86	0.37	2	D
JbE	JAVA-BETTS LOAMS, 9 TO 20 PERCENT SLOPES	JAVA	SD0175	50	9	20	VIe3	G	8	Si	6	48	0.28	5	B
JbE	JAVA-BETTS LOAMS, 9 TO 20 PERCENT SLOPES	BETTS	SD0311	30	9	20	VIe3	G	8	TU	4L	86	0.28	5	B
JgC	JAVA-GLENHAM LOAMS, 6 TO 9 PERCENT SLOPES	JAVA	SD0175	40	6	9	IVe3	G	8	Si	6	48	0.28	5	B
JgC	JAVA-GLENHAM LOAMS, 6 TO 9 PERCENT SLOPES	GLENHAM	SD0172	35	6	9	IIIe2	F	3	Si	6	48	0.28	5	B
Ko	KOLLS SILTY CLAY	KOLLS	SD0106	95	0	1	Vw4	B2	10	CD	4	86	0.37	5	D
La	LANE SILTY CLAY LOAM	LANE	SD0488	75	0	2	IIs1	E	3	Cy	4	86	0.37	5	C
Lf	LANE-FARMSWORTH COMPLEX	LANE	SD0488	45	0	2	IIs1	E	3	Cy	4	86	0.37	5	C
Lf	LANE-FARMSWORTH COMPLEX	FARMSWORTH	SD0255	30	0	2	IVs2	C	9W	Cp	6	48	0.32	2	D

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LoA	LOWRY SILT LOAM, 0 TO 2 PERCENT SLOPES	LOWRY	SD0091	90	0	2	IIc2	F	3	Si	5	56	0.32	5	B
LoB	LOWRY SILT LOAM, 2 TO 6 PERCENT SLOPES	LOWRY	SD0091	90	2	6	IIe1	F	3	Si	5	56	0.32	5	B
LvA	LOWRY VARIANT SILT LOAM, 0 TO 2 PERCENT SLOPES	LOWRY VARIAN	SD0397	100	0	2	IIc2	D1	6G	Si	5	56	0.32	4	B
LvB	LOWRY VARIANT SILT LOAM, 2 TO 6 PERCENT SLOPES	LOWRY VARIAN	SD0397	100	2	6	IIe1	D1	6G	Si	5	56	0.32	4	B
MaB	MCCLURE SILT LOAM, 2 TO 6 PERCENT SLOPES	MCCLURE	SD0262	75	2	6	IIe1	F	3	Si	6	48	0.32	5	C
MaC	MCCLURE SILT LOAM, 6 TO 11 PERCENT SLOPES	MCCLURE	SD0262	80	6	9	IIIe2	F	3	Si	6	48	0.32	5	C
MbA	MILLBORO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	MILLBORO	SD0116	99	0	2	IIs1	I	4C	Cy	4	86	0.37	5	D
MbB	MILLBORO SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	MILLBORO	SD0116	100	2	6	IIIe4	I	4C	Cy	4	86	0.37	5	D
MbC	MILLBORO SILTY CLAY LOAM, 6 TO 9 PERCENT SLOPES	MILLBORO	SD0116	90	6	9	IVe4	I	4C	Cy	4	86	0.37	5	D
MoA	MOBRIDGE SILT LOAM	MOBRIDGE	SD0139	75	0	2	IIc3	K	1	LOv	6	48	0.28	5	B
Mp	MOBRIDGE-PLANKINTON SILT LOAMS	MOBRIDGE	SD0139	60	0	2	IIc3	K	1	LOv	6	48	0.28	5	B
Mp	MOBRIDGE-PLANKINTON SILT LOAMS	PLANKINTON	SD0302	25	0	1	IVw1	B2	10	CD	6	48	0.37	3	D
Oa	OAHE LOAM, 0 TO 2 PERCENT SLOPES	OAHE	SD0183	80	0	2	IIIs2	D1	6G	Si	6	48	0.28	4	B
OdB	OAHE-DELMONT LOAMS, 2 TO 6 PERCENT SLOPES	OAHE	SD0183	45	2	6	IIIe6	D1	6G	Si	6	48	0.28	4	B
OdB	OAHE-DELMONT LOAMS, 2 TO 6 PERCENT SLOPES	DELMONT	SD0023	35	2	6	IVe6	D2	6G	SwG	6	48	0.28	3	B
OeF	OKATON BOULDERY SILTY CLAY, 15 TO 40 PERCENT SLOPES	OKATON	SD0342	75	15	40	VIIs1	NS	10	Sw	8	na	0.28	2	D
OkB	OKO LOAM, 2 TO 7 PERCENT SLOPES	OKO	SD0155	75	2	7	IIIe4	I	4C	Cy	6	48	0.32	5	D
OmB	OPAL SILTY CLAY, 2 TO 6 PERCENT SLOPES	OPAL	SD0079	90	2	6	IIIe4	I	4C	Cy	4	86	0.37	3	D
OmC	OPAL SILTY CLAY, 6 TO 11 PERCENT SLOPES	OPAL	SD0079	75	6	11	IVe4	I	4C	Cy	4	86	0.37	3	D
OpB	OPAL CLAY, SALINE, 1 TO 6 PERCENT SLOPES	OPAL	SD0398	85	1	6	VIs5	NS	10	DC	4	86	0.37	3	D
Or	ORTHENTS, LOAMY	ORTHENTS	SD3004	75	0	40	VIIe1	NS	10	TU	4L	86	0.32	5	B
OtA	ORTON LOAM, 0 TO 2 PERCENT SLOPES	ORTON	SD0187	80	0	2	IIIe7	D1	6G	Sy	5	56	0.28	4	B
OtB	ORTON LOAM, 2 TO 6 PERCENT SLOPES	ORTON	SD0187	80	2	6	IIIe8	D1	6G	Sy	5	56	0.28	4	B
OwE	ORTON-SCHAMBER LOAMS, 9 TO 25 PERCENT SLOPES	ORTON	SD0187	45	9	25	VIe6	NS	10	Sy	5	56	0.28	4	B
OwE	ORTON-SCHAMBER LOAMS, 9 TO 25 PERCENT SLOPES	SCHAMBER	SD0075	35	15	25	VIs4	NS	10	VSw	6	48	0.28	2	A
Pa	PLANKINTON SILT LOAM	PLANKINTON	SD0302	90	0	1	IVw1	B2	10	CD	6	48	0.37	3	D
PrA	PROMISE SILTY CLAY, 0 TO 2 PERCENT SLOPES	PROMISE	SD0071	75	0	2	IIIs3	I	4C	Cy	4	86	0.37	5	D
PrB	PROMISE SILTY CLAY, 2 TO 6 PERCENT SLOPES	PROMISE	SD0071	85	2	6	IIIe4	I	4C	Cy	4	86	0.37	5	D
ReA	REE LOAM, 0 TO 3 PERCENT SLOPES	REE	SD0098	75	0	3	IIc2	F	3	Si	6	48	0.28	5	B
ReB	REE LOAM, 3 TO 7 PERCENT SLOPES	REE	SD0098	75	3	7	IIe1	F	3	Si	6	48	0.28	5	B
RsF	ROCK OUTCROP-SANSARC COMPLEX, 15 TO 40 PERCENT SLOPES	ROCK OUTCRO	SD3006	45	15	40	VIIIs2	NS	10		4	86	0.1	1	D
RsF	ROCK OUTCROP-SANSARC COMPLEX, 15 TO 40 PERCENT SLOPES	SANSARC	SD0067	40	15	40	VIIe8	NS	10	SwC	4	86	0.37	2	D
SaE	SANSARC-OPAL CLAYS, 12 TO 20 PERCENT SLOPES	SANSARC	SD0067	45	12	20	VIe12	NS	10	SwC	4	86	0.37	2	D
SaE	SANSARC-OPAL CLAYS, 12 TO 20 PERCENT SLOPES	OPAL	SD0079	30	12	20	VIe4	NS	10	Cy	4	86	0.37	3	D
SaF	SANSARC-OPAL CLAYS, 20 TO 40 PERCENT SLOPES	SANSARC	SD0067	55	20	40	VIIe4	NS	10	SwC	4	86	0.37	2	D
SaF	SANSARC-OPAL CLAYS, 20 TO 40 PERCENT SLOPES	OPAL	SD0079	20	20	25	VIIe8	NS	10	Cy	4	86	0.37	3	D
ScE	SCHAMBER LOAM, 9 TO 30 PERCENT SLOPES	SCHAMBER	SD0075	75	9	30	VIs4	NS	10	VSw	6	48	0.28	2	A
SdF	SULLY SILT LOAM, 25 TO 40 PERCENT SLOPES	SULLY	SD0102	90	25	40	VIIe3	NS	10	TU	4L	86	0.32	5	B
SoC	SULLY-LOWRY SILT LOAMS, 6 TO 9 PERCENT SLOPES	SULLY	SD0102	60	6	9	IVe3	G	8	TU	4L	86	0.32	5	B
SoC	SULLY-LOWRY SILT LOAMS, 6 TO 9 PERCENT SLOPES	LOWRY	SD0091	30	6	9	IIIe1	F	3	Si	5	56	0.32	5	B
SoE	SULLY-LOWRY SILT LOAMS, 9 TO 25 PERCENT SLOPES	SULLY	SD0102	55	9	25	VIe3	NS	10	TU	4L	86	0.32	5	B
SoE	SULLY-LOWRY SILT LOAMS, 9 TO 25 PERCENT SLOPES	LOWRY	SD0091	25	9	15	IVe3	F	3	Si	5	56	0.32	5	B
SsE	SULLY-SCHAMBER COMPLEX, 9 TO 25 PERCENT SLOPES	SULLY	SD0102	60	9	25	VIe3	NS	10	TU	4L	86	0.32	5	B
SsE	SULLY-SCHAMBER COMPLEX, 9 TO 25 PERCENT SLOPES	SCHAMBER	SD0075	20	15	25	VIs4	NS	10	VSw	6	48	0.28	2	A
UaA	ULY SILT LOAM, 0 TO 2 PERCENT SLOPES	ULY	NE0090	85	0	2	IIc2	F	3	Si	6	48	0.32	5	B
UaB	ULY SILT LOAM, 2 TO 6 PERCENT SLOPES	ULY	NE0090	85	2	6	IIIe1	F	3	Si	6	48	0.32	5	B
UaC	ULY SILT LOAM, 6 TO 9 PERCENT SLOPES	ULY	NE0090	85	6	9	IVe1	F	3	Si	6	48	0.32	5	B
Wd	WENDTE SILTY CLAY	WENDTE	SD0197	80	0	2	IIIs3	I	4C	COv	4	86	0.37	5	D
We	WENDTE SILTY CLAY, CHANNELED	WENDTE	SD0257	75	0	2	VIw1	NS	10	COv	4	86	0.37	5	D
Wo	WORTHING SILTY CLAY LOAM	WORTHING	SD0046	99	0	1	Vw4	B2	10	SM	4	86	0.37	5	D
Wp	WORTHING SILTY CLAY LOAM, PONDED	WORTHING	SD0266	100	0	1	VIIIw1	NS	10		8	na	0.37	5	D

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w	WATER < 40 ACRES	WATER		100											
ww	WATER> 40 ACRES	WATER		100											