Table 1. Soil Interpretive Groups
Charles Mix 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
AaA	AGAR SILT LOAM, 0 TO 2 PERCENT SLOPES	AGAR	SD0070	90	0	2	IIc2	F	3	Si	6	48	0.32	5	B
AaB	AGAR SILT LOAM, 2 TO 6 PERCENT SLOPES	AGAR	SD0070	90	2	6	IIe1	F	3	Si	6	48	0.32	5	B
AaC	AGAR SILT LOAM, 6 TO 9 PERCENT SLOPES	AGAR	SD0070	85	6	9	IIIe1	F	3	Si	6	48	0.32	5	B
Ab	ALBATON SILTY CLAY	ALBATON	IA0120	85	0	1	IIIw3	A	2K	COv	4	86	0.28	5	D
An	ALBATON SILTY CLAY, DEPRESSIONAL	ALBATON	IA0271	95	0	1	Vw4	B2	10	Wl	8	na	0.28	5	D
Ao	AOWA SILTY CLAY LOAM	AOWA	NE0436	90	0	2	I1	K	1	LOv	4L	86	0.32	5	B
Ar	ARLO SILT LOAM, WET	ARLO	SD0579	95	0	2	Vw1	B1	10	Wl	4L	86	0.32	4	B
AsA	ARLO-ENET LOAMS, 0 TO 2 PERCENT SLOPES	ARLO	SD0349	45	0	2	IVw1	B1	10	Sb	4L	86	0.28	4	B
AsA	ARLO-ENET LOAMS, 0 TO 2 PERCENT SLOPES	ENET	SD0027	35	0	2	IIIs2	D1	6G	Si	6	48	0.28	4	B
BbC	BEADLE-EAKIN COMPLEX, 6 TO 9 PERCENT SLOPES	BEADLE	SD0017	50	6	9	IVe7	E	4	Cy	6	48	0.28	5	C
BbC	BEADLE-EAKIN COMPLEX, 6 TO 9 PERCENT SLOPES	EAKIN	SD0059	35	6	9	IIIe2	F	3	Si	6	48	0.32	5	B
BcA	BEADLE-JERAULD COMPLEX, 0 TO 4 PERCENT SLOPES	BEADLE	SD0017	55	2	4	IIIe3	E	4	Cy	6	48	0.28	5	C
BcA	BEADLE-JERAULD COMPLEX, 0 TO 4 PERCENT SLOPES	JERAULD	SD0057	30	0	2	VIs1	NS	10	TCp	6	48	0.37	2	D
BdF	BETTS LOAM, 25 TO 40 PERCENT SLOPES	BETTS	SD0018	85	25	40	VIIe3	NS	10	TU	4L	86	0.28	5	B
BeE	BETTS-ETHAN LOAMS, 9 TO 25 PERCENT SLOPES	BETTS	SD0018	45	9	25	VIe3	NS	10	TU	4L	86	0.28	5	B
BeE	BETTS-ETHAN LOAMS, 9 TO 25 PERCENT SLOPES	ETHAN	SD0040	35	9	25	VIe3	NS	10	TU	4L	86	0.28	5	B
Bn	BON SILT LOAM	BON	SD0022	85	0	2	IIc3	K	1	LOv	6	48	0.28	5	B
Bo	BON SILT LOAM, CHANNELED	BON	SD0314	85	0	2	VIw1	NS	1	LOv	6	48	0.28	5	B
BsD	BOYD-SANSARC COMPLEX, 6 TO 15 PERCENT SLOPES	BOYD	SD0097	55	6	9	IVe4	I	4C	Cy	4	86	0.37	3	D
BsD	BOYD-SANSARC COMPLEX, 6 TO 15 PERCENT SLOPES	SANSARC	SD0067	35	9	15	VIe12	NS	10	SwC	4	86	0.37	2	D
CeB	CLARNO-ETHAN LOAMS, 2 TO 6 PERCENT SLOPES	CLARNO	SD0021	55	2	6	IIe2	F	3	Si	6	48	0.28	5	B
CeB	CLARNO-ETHAN LOAMS, 2 TO 6 PERCENT SLOPES	ETHAN	SD0040	25	2	6	IIIe12	G	8	TU	4L	86	0.28	5	B
CeC	CLARNO-ETHAN LOAMS, 6 TO 9 PERCENT SLOPES	CLARNO	SD0021	55	6	9	IIIe2	F	3	Si	6	48	0.28	5	B
CeC	CLARNO-ETHAN LOAMS, 6 TO 9 PERCENT SLOPES	ETHAN	SD0040	30	6	9	IVe3	G	8	TU	4L	86	0.28	5	B
Da	DEGREY-JERAULD SILT LOAMS	DEGREY	SD0094	50	0	2	IVs2	C	9C	Cp	6	48	0.37	2	D
Da	DEGREY-JERAULD SILT LOAMS	JERAULD	SD0057	30	0	2	VIs1	NS	10	TCp	6	48	0.37	2	D
Db	DEGREY-WALKE SILT LOAMS	DEGREY	SD0094	45	0	2	IVs2	C	9C	Cp	6	48	0.37	2	D
Db	DEGREY-WALKE SILT LOAMS	WALKE	SD0199	35	0	2	IIIs1	E	4	Cy	6	48	0.37	5	C
DmC	DELMONT-TALMO COMPLEX, 2 TO 9 PERCENT SLOPES	DELMONT	SD0023	50	2	6	IVe6	D2	6G	SwG	6	48	0.28	3	B
DmC	DELMONT-TALMO COMPLEX, 2 TO 9 PERCENT SLOPES	TALMO	SD0544	30	3	9	VIs4	NS	10	VSw	5	56	0.2	2	A
DnA	DORNA SILT LOAM, 0 TO 4 PERCENT SLOPES	DORNA	SD0182	85	0	2	IIc1	F	3	Si	5	56	0.37	4	B
Du	DURRSTEIN SILT LOAM	DURRSTEIN	SD0024	90	0	1	VIs6	J	10	SL	6	48	0.37	2	D
EaA	EAKIN SILT LOAM, 0 TO 2 PERCENT SLOPES	EAKIN	SD0059	85	0	2	IIc2	F	3	Si	6	48	0.32	5	B
EbB	EAKIN-BEADLE COMPLEX, 2 TO 6 PERCENT SLOPES	EAKIN	SD0059	45	2	6	IIe2	F	3	Si	6	48	0.32	5	B
EbB	EAKIN-BEADLE COMPLEX, 2 TO 6 PERCENT SLOPES	BEADLE	SD0017	40	2	6	IIIe3	E	4	Cy	6	48	0.28	5	C
EdA	EAKIN-DEGREY SILT LOAMS, 0 TO 4 PERCENT SLOPES	EAKIN	SD0059	55	2	4	IIe2	F	3	Si	6	48	0.32	5	B
EdA	EAKIN-DEGREY SILT LOAMS, 0 TO 4 PERCENT SLOPES	DEGREY	SD0094	25	0	2	IVs2	C	9C	Cp	6	48	0.37	2	D
EeB	EAKIN-ETHAN COMPLEX, 2 TO 6 PERCENT SLOPES	EAKIN	SD0059	55	2	6	IIe2	F	3	Si	6	48	0.32	5	B
EeB	EAKIN-ETHAN COMPLEX, 2 TO 6 PERCENT SLOPES	ETHAN	SD0040	25	2	6	IIIe12	G	8	TU	4L	86	0.28	5	B
EeC	EAKIN-ETHAN COMPLEX, 6 TO 9 PERCENT SLOPES	EAKIN	SD0059	50	6	9	IIIe2	F	3	Si	6	48	0.32	5	B
EeC	EAKIN-ETHAN COMPLEX, 6 TO 9 PERCENT SLOPES	ETHAN	SD0040	30	6	9	IVe3	G	8	TU	4L	86	0.28	5	B
EmA	ENET LOAM, 0 TO 2 PERCENT SLOPES	ENET	SD0027	90	0	2	IIIs2	D1	6G	Si	6	48	0.28	4	B
EnC	ENET-DELMONT LOAMS, 2 TO 9 PERCENT SLOPES	ENET	SD0027	50	2	6	IIIe6	D1	6G	Si	6	48	0.28	4	B
EnC	ENET-DELMONT LOAMS, 2 TO 9 PERCENT SLOPES	DELMONT	SD0023	35	6	9	VIe5	D2	6G	SwG	6	48	0.28	3	B
EtD	ETHAN-CLARNO LOAMS, 9 TO 15 PERCENT SLOPES	ETHAN	SD0040	45	9	15	VIe3	G	8	TU	4L	86	0.28	5	B
EtD	ETHAN-CLARNO LOAMS, 9 TO 15 PERCENT SLOPES	CLARNO	SD0021	40	9	15	IVe1	F	3	Si	6	48	0.28	5	B
EuC	ETHAN-HOMME COMPLEX, 6 TO 9 PERCENT SLOPES	ETHAN	SD0040	70	6	9	IVe3	G	8	TU	4L	86	0.28	5	B
EuC	ETHAN-HOMME COMPLEX, 6 TO 9 PERCENT SLOPES	HOMME	SD0037	20	6	9	IIIe1	F	3	Si	7	38	0.32	5	C
For	FORT RANDALL DAM	ORTHENTS	SD3004	80	9	40	VIIe8	NS	10	TU	4L	86	0.28	5	B
For	FORT RANDALL DAM	ORTHENTS	SD3016	20	15	40	VIIe3	NS	10	TU	4L	86	0.28	2	D
GsE	GAVINS-SANSARC COMPLEX, 15 TO 25 PERCENT SLOPES	GAVINS	SD0205	70	15	25	VIe11	NS	10	TU	4L	86	0.32	2	D

Table 1. Soil Interpretive Groups
Charles Mix 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
GsE	GAVINS-SANSARC COMPLEX, 15 TO 25 PERCENT SLOPES	SANSARC	SD0067	20	15	25	VIe12	NS	10	SwC	4	86	0.37	2	D
Gv	GRACEVILLE SILT LOAM	GRACEVILLE	SD0069	90	0	2	IIc2	F	3	Si	6	48	0.28	4	B
HaA	HAND LOAM, 0 TO 2 PERCENT SLOPES	HAND	SD0048	85	0	2	IIc2	F	3	Si	6	48	0.28	5	B
Hb	HAYNIE SILT LOAM	HAYNIE	IA0170	90	0	2	I1	F	1	Si	4L	86	0.32	5	B
Hc	HAYNIE VARIANT SILT LOAM	HAYNIE VARIAN	SD0332	90	0	2	IIe1	F	3	Si	4L	86	0.32	5	B
HeB	HENKIN LOAM, 2 TO 6 PERCENT SLOPES	HENKIN	SD0029	90	2	6	IIIe8	H	5	Sy	5	56	0.28	5	B
HgA	HIGHMORE SILT LOAM, 0 TO 2 PERCENT SLOPES	HIGHMORE	SD0316	85	0	2	IIc2	F	3	Si	6	48	0.32	5	B
HhB	HIGHMORE-EAKIN SILT LOAMS, 2 TO 6 PERCENT SLOPES	HIGHMORE	SD0316	50	2	6	IIe1	F	3	Si	6	48	0.32	5	B
HhB	HIGHMORE-EAKIN SILT LOAMS, 2 TO 6 PERCENT SLOPES	EAKIN	SD0059	25	2	6	IIe1	F	3	Si	6	48	0.32	5	B
HlA	HIGHMORE-WALKE SILT LOAMS, 0 TO 2 PERCENT SLOPES	HIGHMORE	SD0316	60	0	2	IIc2	F	3	Si	6	48	0.32	5	B
HlA	HIGHMORE-WALKE SILT LOAMS, 0 TO 2 PERCENT SLOPES	WALKE	SD0199	25	0	2	IIIs1	E	4	Cy	6	48	0.37	5	C
HmB	HOMME-ETHAN-ONITA COMPLEX, 1 TO 6 PERCENT SLOPES	HOMME	SD0037	40	2	6	IIe1	F	3	Si	7	38	0.32	5	C
HmB	HOMME-ETHAN-ONITA COMPLEX, 1 TO 6 PERCENT SLOPES	ETHAN	SD0040	30	2	6	IIIe12	G	8	TU	4L	86	0.28	5	B
HmB	HOMME-ETHAN-ONITA COMPLEX, 1 TO 6 PERCENT SLOPES	ONITA	SD0030	15	2	4	IIe1	K	1	Si	7	38	0.28	5	C
HoA	HOMME-ONITA SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	HOMME	SD0037	60	0	2	IIc2	F	3	Si	7	38	0.32	5	C
HoA	HOMME-ONITA SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	ONITA	SD0272	30	0	2	IIc3	K	1	LOv	7	38	0.28	5	C
HoB	HOMME-ONITA SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	HOMME	SD0037	60	2	6	IIe1	F	3	Si	7	38	0.32	5	C
HoB	HOMME-ONITA SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	ONITA	SD0030	25	2	4	IIe1	K	1	Si	7	38	0.28	5	C
HuA	HOUDEK LOAM, 0 TO 2 PERCENT SLOPES	HOUDEK	SD0171	85	0	2	IIc2	F	3	Si	6	48	0.28	5	B
HuB	HOUDEK LOAM, 2 TO 6 PERCENT SLOPES	HOUDEK	SD0171	85	2	6	IIe2	F	3	Si	6	48	0.28	5	B
Hv	HOVEN SILT LOAM	HOVEN	SD0056	90	0	1	VIs1	B2	10	CD	6	48	0.37	2	D
InB	INAVALE FINE SAND, 2 TO 6 PERCENT SLOPES	INAVALE	NE0195	80	2	6	VIe7	H	7	Sa	1	250	0.15	5	A
IvA	INAVALE LOAMY FINE SAND, 0 TO 6 PERCENT SLOPES	INAVALE	NE0195	90	0	3	IVe9	H	7	Sa	2	134	0.17	5	A
Ix	NORWAY LOAMY FINE SAND	NORWAY	SD0548	90	0	2	VIIIw2	NS	10		2	134	0.17	5	D
LaA	LANE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	LANE	SD0194	90	0	2	IIs1	E	3	Cy	4	86	0.37	5	C
LaB	LANE SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	LANE	SD0194	90	2	6	IIIe3	E	3	Cy	4	86	0.37	5	C
LoA	LOWRY SILT LOAM, 0 TO 2 PERCENT SLOPES	LOWRY	SD0091	85	0	2	IIc2	F	3	Si	5	56	0.32	5	B
LoB	LOWRY SILT LOAM, 2 TO 6 PERCENT SLOPES	LOWRY	SD0091	85	2	6	IIe1	F	3	Si	5	56	0.32	5	B
LoC	LOWRY SILT LOAM, 6 TO 9 PERCENT SLOPES	LOWRY	SD0091	85	6	9	IIIe1	F	3	Si	5	56	0.32	5	B
LrF	LOWRY-GAVINS SILT LOAMS, 6 TO 40 PERCENT SLOPES	LOWRY	SD0091	55	6	15	IVe1	F	3	Si	5	56	0.32	5	B
LrF	LOWRY-GAVINS SILT LOAMS, 6 TO 40 PERCENT SLOPES	GAVINS	SD0205	30	15	40	VIIe7	NS	10	TU	4L	86	0.32	2	D
LsD	LOWRY-SULLY SILT LOAMS, 9 TO 15 PERCENT SLOPES	LOWRY	SD0091	55	9	15	IVe1	F	3	Si	5	56	0.32	5	B
LsD	LOWRY-SULLY SILT LOAMS, 9 TO 15 PERCENT SLOPES	SULLY	SD0102	30	9	15	VIe3	G	8	TU	4L	86	0.32	5	B
MeE	MEADIN LOAM, 15 TO 30 PERCENT SLOPES	MEADIN	NE0064	90	15	30	VIs4	NS	10	SwG	5	56	0.28	5	A
Mo	MOBRIDGE SILT LOAM	MOBRIDGE	SD0139	90	0	2	IIc3	K	1	LOv	6	48	0.28	5	B
Mu	MUNJOR FINE SANDY LOAM	MUNJOR	KS0311	90	0	1	IIIe7	H	1	Sy	3	86	0.24	4	B
OeF	OKATON SILTY CLAY, 15 TO 40 PERCENT SLOPES	OKATON	SD0133	90	15	40	VIIe8	NS	10	Sw	4	86	0.37	2	D
Oh	ONAWA FINE SANDY LOAM, OVERWASH	ONAWA	IA0673	90	0	1	IIw1	A	1K	Sb	4L	86	0.24	5	C/D
Om	ONAWA SILTY CLAY	ONAWA	IA0673	90	0	1	IIw2	I	1K	COv	4	86	0.37	5	C/D
On	ONITA SILT LOAM, 0 TO 2 PERCENT SLOPES	ONITA	SD0272	85	0	2	IIc3	K	1	LOv	6	48	0.28	5	C
Oo	ONITA-DAVISON COMPLEX	ONITA	SD0272	50	0	2	IIc3	K	1	LOv	7	38	0.28	5	C
Oo	ONITA-DAVISON COMPLEX	DAVISON	SD0036	35	0	2	IIe4	F	1K	LSb	4L	86	0.28	5	B
Os	ONITA-HOVEN SILT LOAMS	ONITA	SD0272	60	0	2	IIc3	K	1	LOv	6	48	0.28	5	C
Os	ONITA-HOVEN SILT LOAMS	HOVEN	SD0056	25	0	1	VIs1	B2	10	CD	6	48	0.37	2	D
Ot	ONITA-TETONKA SILT LOAMS	ONITA	SD0272	55	0	2	IIc3	K	1	LOv	6	48	0.28	5	C
Ot	ONITA-TETONKA SILT LOAMS	TETONKA	SD0044	25	0	1	IVw1	B2	10	WM	6	48	0.37	5	C/D
Pg	ORTHENTS, GRAVELLY	ORTHENTS	SD3003	100	0	60	VIIIs2	NS	10		5	56	0.2	3	A
PoA	PROMISE SILTY CLAY, 0 TO 2 PERCENT SLOPES	PROMISE	SD0071	90	0	2	IIIs3	I	4C	Cy	4	86	0.37	5	D
PoB	PROMISE SILTY CLAY, 2 TO 6 PERCENT SLOPES	PROMISE	SD0071	90	2	6	IIIe4	I	4C	Cy	4	86	0.37	5	D
Pr	PROSPER LOAM	PROSPER	SD0293	90	0	2	IIc3	K	1	LOv	6	48	0.24	5	B
Sa	SALMO SILTY CLAY LOAM	SALMO	SD0042	85	0	1	IVw1	J	10	SL	4L	86	0.28	5	C/D

Table 1. Soil Interpretive Groups
Charles Mix 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
Sm	SALMO-NAPA COMPLEX	SALMO	SD0042	50	0	1	IVw1	J	10	SL	4L	86	0.28	5	C/D
Sm	SALMO-NAPA COMPLEX	NAPA	SD0328	35	0	2	VIw4	NS	10	SL	6	48	0.37	2	D
SnF	SANSARC CLAY, 25 TO 70 PERCENT SLOPES	SANSARC	SD0067	85	25	60	VIIe8	NS	10	SwC	4	86	0.37	2	D
SoF	SANSARC-BOYD COMPLEX, 15 TO 40 PERCENT SLOPES	SANSARC	SD0067	50	25	40	VIIe8	NS	10	SwC	4	86	0.37	2	D
SoF	SANSARC-BOYD COMPLEX, 15 TO 40 PERCENT SLOPES	BOYD	SD0097	30	15	25	VIe8	NS	10	Cy	4	86	0.37	3	D
SrF	SANSARC-ROCK OUTCROP COMPLEX, 15 TO 40 PERCENT SLOPES	SANSARC	SD0067	55	15	40	VIIe8	NS	10	SwC	4	86	0.37	2	D
SrF	SANSARC-ROCK OUTCROP COMPLEX, 15 TO 40 PERCENT SLOPES	ROCK OUTCRO	SD3006	30	15	40	VIIIs2	NS	10		4	86	0.1	1	D
SuE	SULLY SILT LOAM, 9 TO 25 PERCENT SLOPES	SULLY	SD0102	80	9	25	VIe3	NS	10	TU	4L	86	0.32	5	B
TaC	TALMO GRAVELLY SANDY LOAM, 2 TO 9 PERCENT SLOPES	TALMO	SD0544	100	2	9	VIs4	NS	10	VSw	3	86	0.15	2	A
TbE	TALMO-BETTS COMPLEX, 9 TO 25 PERCENT SLOPES	TALMO	SD0544	70	9	25	VIs4	NS	10	VSw	5	56	0.2	2	A
TbE	TALMO-BETTS COMPLEX, 9 TO 25 PERCENT SLOPES	BETTS	SD0018	20	9	25	VIe3	NS	10	TU	4L	86	0.28	5	B
Te	TETONKA SILT LOAM	TETONKA	SD0044	90	0	1	IVw1	B2	10	WM	6	48	0.37	5	C/D
Tn	TETONKA-CHANCELLOR SILTY CLAY LOAMS	TETONKA	SD0044	55	0	1	IVw1	B2	10	WM	7	38	0.37	5	C/D
Tn	TETONKA-CHANCELLOR SILTY CLAY LOAMS	CHANCELLOR	SD0064	25	0	1	IIw1	A	2	LOv	7	38	0.37	5	C
Wd	WENDTE VARIANT SILTY CLAY	WENDTE VARIA	SD0331	90	0	1	IIIw3	K	2K	COv	4	86	0.37	5	D
Wo	WORTHING SILTY CLAY LOAM	WORTHING	SD0046	85	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
w	WATER (<40 ACRES)	WATER		100											
ww	WATER > 40 ACRES	WATER		100											