SOIL MAP UNITS AND COMPONENT HIGHLY ERODIBLE LAND CLASS
FOR SOIL SURVEY AREA 009
BON HOMME CO.

MAP SYMBOL	SOIL MAP UNIT NAME		%	HEL CLASS WIND	HEL CLASS WATER	SOIL K	SOIL T	LV	HYDRIC SOILS
AAA	ALCESTER SILT LOAM								
		ALCESTER	100	3	3	0.28	5		1/
ACA	ALCESTER-CHANCELLOR COMPLEX								
		ALCESTER	50	3	3	0.28	5		
		CHANCELLOR	35	3	3	0.28	5		HY-2
BN	BON LOAM								
		BON	100	3	3	0.24	5		2/
BQ	BON LOAM, CHANNELED								
		BON	100	3	3	0.24	5		2/
BR	BONILLA-CROSSPLAIN COMPLEX								
		BONILLA	55	3	3	0.24	5		
		CROSSPLAIN	35	3	3	0.24	5		HY-2
BSE	BOYD-SANSARC CLAYS, 15 TO 40 PERCENT SLOPES								
		BOYD	50	3	1	0.37	4		
		SANSARC	35	1	1	0.37	2		
CMA	CLARNO-BONILLA LOAMS, 0 TO 2 PERCENT SLOPES								
		CLARNO	55	3	3	0.28	5		1/
		BONILLA	25	3	3	0.24	5		
CMB	CLARNO-BONILLA LOAMS, 2 TO 6 PERCENT SLOPES								
		CLARNO	60	3	3	0.28	5		1/
		BONILLA	20	3	3	0.24	5		
CNA	CLARNO-CROSSPLAIN-DAVISON COMPLEX, 0 TO 3 PERCENT SLOPES								
		CLARNO	45	3	3	0.28	5		
		CROSSPLAIN	25	3	3	0.24	5		HY-2
		DAVISON	15	3	3	0.28	5		
CSB	CLARNO-ETHAN-BONILLA LOAMS, 2 TO 6 PERCENT SLOPES								
		CLARNO	45	3	3	0.28	5		1/
		ETHAN	25	3	3	0.28	5		
		BONILLA	20	3	3	0.24	5		
DAB	DAVIS LOAM, 0 TO 6 PERCENT SLOPES								
		DAVIS	100	3	3	0.24	5		2/
DAC	DAVIS LOAM, 6 TO 15 PERCENT SLOPES								
		DAVIS	100	3	2	0.24	5		2/
DLC	DELMONT-TALMO LOAMS, 6 TO 9 PERCENT SLOPES								
		DELMONT	50	3	2	0.28	3		
		TALMO	30	3	1	0.20	2		
EAA	ELTREE SILT LOAM, 0 TO 2 PERCENT SLOPES								
		ELTREE	100	3	3	0.32	5		1/
EAB	ELTREE SILT LOAM, 2 TO 6 PERCENT SLOPES								
		ELTREE	100	3	3	0.32	5		1/
EBC	ELTREE-ETHAN COMPLEX, 6 TO 9 PERCENT SLOPES								
		ELTREE	50	3	2	0.32	5		
		ETHAN	30	3	2	0.28	5		
EBE	ELTREE-ETHAN COMPLEX, 9 TO 40 PERCENT SLOPES								
		ELTREE	45	3	1	0.32	5		
		ETHAN	30	3	1	0.28	5		
ECD	ELTREE-CROFTON SILT LOAMS, 9 TO 15 PERCENT SLOPES								
		ELTREE	50	3	1	0.32	5		
		CROFTON	25	3	1	0.43	5		
EDA	ENET-DELMONT LOAMS, 0 TO 2 PERCENT SLOPES								
		ENET	45	3	3	0.28	4		1/
		DELMONT	35	3	3	0.28	3		
EDB	ENET-DELMONT LOAMS, 2 TO 6 PERCENT SLOPES								
		ENET	40	3	3	0.28	4		1/
		DELMONT	35	3	3	0.28	3		
EHB	ETHAN-ALCESTER COMPLEX, 1 TO 6 PERCENT SLOPES								
		ETHAN	45	3	3	0.28	5		
		ALCESTER	35	3	3	0.28	5		
EHC	ETHAN-ALCESTER COMPLEX, 1 TO 9 PERCENT SLOPES								
		ETHAN	50	3	2	0.28	5		
		ALCESTER	25	3	3	0.28	5		
EHE	ETHAN-BETTS LOAMS, 15 TO 40 PERCENT SLOPES								
		ETHAN	50	3	1	0.28	5		
		BETTS	30	3	1	0.28	5		
ENC	ETHAN-BONILLA LOAMS, 1 TO 9 PERCENT SLOPES								
		ETHAN	55	3	2	0.28	5		1/
		BONILLA	30	3	3	0.24	5		
EOD	ETHAN-DAVIS LOAMS, 9 TO 15 PERCENT SLOPES								
		ETHAN	50	3	1	0.28	5		
		DAVIS	40	3	1	0.24	5		
EPC	ETHAN-HOMME COMPLEX, 6 TO 9 PERCENT SLOPES								
		ETHAN	50	3	2	0.28	5		1/
		HOMME	30	3	2	0.32	5		
FV	FLUVAQUENTS, PONDED								
		FLUVAQUENT	100	ER	ER				HY-4

SOIL MAP UNITS AND COMPONENT HIGHLY ERODIBLE LAND CLASS
FOR SOIL SURVEY AREA 009
BON HOMME CO.

MAP SYMBOL	SOIL MAP UNIT NAME		%	HEL CLASS WIND	HEL CLASS WATER	SOIL LV K	SOIL LV T	HYDRIC SOILS
GEE	GAVINS-ETHAN LOAMS, 15 TO 40 PERCENT SLOPES							
		GAVINS	50	1	1	0.43	2	
		ETHAN	25	3	1	0.28	5	
GRA	GRACEVILLE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES							
		GRACEVILLE	100	3	3	0.32	5	
HMA	HOMME-DAVISON-TETONKA COMPLEX, 0 TO 3 PERCENT SLOPES							
		HOMME	50	3	3	0.32	5	3/
		DAVISON	20	3	3	0.28	5	
		TETONKA	15	3	3	0.24	3	HY-3
HNB	HOMME-ETHAN-ONITA COMPLEX, 1 TO 6 PERCENT SLOPES							
		HOMME	45	3	3	0.32	5	1/
		ETHAN	25	3	3	0.28	5	
		ONITA	15	3	3	0.28	5	
HPB	HOMME-ETHAN-TETONKA COMPLEX, 0 TO 6 PERCENT SLOPES							
		HOMME	50	3	3	0.32	5	
		ETHAN	25	3	3	0.28	5	
		TETONKA	15	3	3	0.24	3	HY-3
HPC	HOMME-ETHAN-TETONKA COMPLEX, 0 TO 9 PERCENT SLOPES							
		HOMME	45	3	2	0.32	5	
		ETHAN	30	3	2	0.28	5	
		TETONKA	15	3	3	0.24	3	HY-3
HRA	HOMME-ONITA SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES							
		HOMME	60	3	3	0.32	5	1/
		ONITA	25	3	3	0.28	5	
HRB	HOMME-ONITA SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES							
		HOMME	55	3	3	0.32	5	1/
		ONITA	25	3	3	0.28	5	
HTA	HOMME-ONITA-TETONKA COMPLEX, 0 TO 3 PERCENT SLOPES							
		HOMME	45	3	3	0.32	5	3/
		ONITA	25	3	3	0.28	5	
		TETONKA	15	3	3	0.24	3	HY-3
LA	LAMO SILT LOAM							
		LAMO	100	3	3	0.32	5	HY-1
OCA	ONITA-CHANCELLOR SILTY CLAY LOAMS							
		ONITA	55	3	3	0.28	5	
		CHANCELLOR	30	3	3	0.28	5	HY-2
RED	REDSTOE VARIANT-GAVINS COMPLEX, 6 TO 25 PERCENT SLOPES							
		REDSTOE VA	50	3	2	0.28	4	
		GAVINS	30	1	1	0.43	2	
SA	SALMO SILTY CLAY LOAM							
		SALMO	100	3	3	0.28	5	HY-1
SB	SARPY-WAUBONSIE COMPLEX							
		SARPY	60	3	3	0.15	5	HY-1
		WAUBONSIE	25	3	3	0.24	5	
TAE	TALMO-DELMONT LOAMS, 15 TO 40 PERCENT SLOPES							
		TALMO	55	3	1	0.20	2	
		DELMONT	30	3	1	0.28	3	
TBE	TALMO-ETHAN STONY COMPLEX, 6 TO 40 PERCENT SLOPES							
		TALMO	40	3	1	0.20	2	
		ETHAN STON	35	3	1	0.28	5	
TE	TETONKA SILT LOAM							
		TETONKA	100	3	3	0.24	3	HY-3
THC	THURMAN LOAMY SAND, 6 TO 15 PERCENT SLOPES							
		THURMAN	45	3	2	0.17	5	
THE	THURMAN LOAMY SAND, 15 TO 40 PERCENT SLOPES							
		THURMAN	50	3	1	0.17	5	
WG	WORTHING SILTY CLAY LOAM							
		WORTHING	100	3	3	0.37	5	HY-4
WO	WORTHING SILTY CLAY LOAM, PONDED							
		WORTHING	100	3	3	0.37	5	HY-4
YAA	YANKTON-ALCESTER SILT LOAMS, 0 TO 2 PERCENT SLOPES							
		YANKTON	60	3	3	0.32	5	
		ALCESTER	25	3	3	0.28	5	
YAB	YANKTON-ALCESTER SILT LOAMS, 1 TO 6 PERCENT SLOPES							
		YANKTON	60	3	2	0.32	5	
		ALCESTER	25	3	3	0.28	5	

Footnotes:

R = 120, C = 0.25

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. CHANCELLOR, CROSSPLAIN, OLDHAM OR PARNELL SOILS

2/ Along the channel are some areas of hydric soils.

3/ This map unit may have inclusions of hydric soils in depressions. PLANKINTON SOILS

TABLE 8 - "I" FACTOR VALUES

BON HOMME COUNTY, SOUTH DAKOTA

MUSYM	MAP_UNIT_NAME	COMPNAME	I
AaA	ALCESTER SILT LOAM	ALCESTER	48
AcA	ALCESTER-CHANCELLOR COMPLEX	ALCESTER	48
AcA	ALCESTER-CHANCELLOR COMPLEX	CHANCELLOR	38
Bn	BON LOAM	BON	48
Bo	BON LOAM, CHANNELED	BON	48
Br	BONILLA-CROSSPLAIN COMPLEX	BONILLA	48
Br	BONILLA-CROSSPLAIN COMPLEX	CROSSPLAIN	48
BsE	BOYD-SANSARC CLAYS, 15 TO 40 PERCENT SLOPES	BOYD	86
BsE	BOYD-SANSARC CLAYS, 15 TO 40 PERCENT SLOPES	SANSARC	86
CmA	CLARNO-BONILLA LOAMS, 0 TO 2 PERCENT SLOPES	CLARNO	48
CmA	CLARNO-BONILLA LOAMS, 0 TO 2 PERCENT SLOPES	BONILLA	48
CmB	CLARNO-BONILLA LOAMS, 2 TO 6 PERCENT SLOPES	CLARNO	48
CmB	CLARNO-BONILLA LOAMS, 2 TO 6 PERCENT SLOPES	BONILLA	48
CnA	CLARNO-CROSSPLAIN-DAVISON COMPLEX, 0 TO 3 PERCENT SLOPES	CLARNO	48
CnA	CLARNO-CROSSPLAIN-DAVISON COMPLEX, 0 TO 3 PERCENT SLOPES	CROSSPLAIN	48
CnA	CLARNO-CROSSPLAIN-DAVISON COMPLEX, 0 TO 3 PERCENT SLOPES	DAVISON	86
CsB	CLARNO-ETHAN-BONILLA LOAMS, 2 TO 6 PERCENT SLOPES	CLARNO	48
CsB	CLARNO-ETHAN-BONILLA LOAMS, 2 TO 6 PERCENT SLOPES	ETHAN	86
CsB	CLARNO-ETHAN-BONILLA LOAMS, 2 TO 6 PERCENT SLOPES	BONILLA	48
DaB	DAVIS LOAM, 0 TO 6 PERCENT SLOPES	DAVIS	48
DaC	DAVIS LOAM, 6 TO 15 PERCENT SLOPES	DAVIS	48
DlC	DELMONT-TALMO LOAMS, 6 TO 9 PERCENT SLOPES	DELMONT	48
DlC	DELMONT-TALMO LOAMS, 6 TO 9 PERCENT SLOPES	TALMO	48
EaA	ELTREE SILT LOAM, 0 TO 2 PERCENT SLOPES	ELTREE	48
EaB	ELTREE SILT LOAM, 2 TO 6 PERCENT SLOPES	ELTREE	48
EbC	ELTREE-ETHAN COMPLEX, 6 TO 9 PERCENT SLOPES	ELTREE	48
EbC	ELTREE-ETHAN COMPLEX, 6 TO 9 PERCENT SLOPES	ETHAN	86
EbE	ELTREE-ETHAN COMPLEX, 9 TO 40 PERCENT SLOPES	ELTREE	48
EbE	ELTREE-ETHAN COMPLEX, 9 TO 40 PERCENT SLOPES	ETHAN	86
EcD	ELTREE-CROFTON SILT LOAMS, 9 TO 15 PERCENT SLOPES	ELTREE	48
EcD	ELTREE-CROFTON SILT LOAMS, 9 TO 15 PERCENT SLOPES	CROFTON	86
EdA	ENET-DELMONT LOAMS, 0 TO 2 PERCENT SLOPES	ENET	48
EdA	ENET-DELMONT LOAMS, 0 TO 2 PERCENT SLOPES	DELMONT	48
EdB	ENET-DELMONT LOAMS, 2 TO 6 PERCENT SLOPES	ENET	48
EdB	ENET-DELMONT LOAMS, 2 TO 6 PERCENT SLOPES	DELMONT	48
EhB	ETHAN-ALCESTER COMPLEX, 1 TO 6 PERCENT SLOPES	ETHAN	86
EhB	ETHAN-ALCESTER COMPLEX, 1 TO 6 PERCENT SLOPES	ALCESTER	48
EhC	ETHAN-ALCESTER COMPLEX, 1 TO 9 PERCENT SLOPES	ETHAN	86
EhC	ETHAN-ALCESTER COMPLEX, 1 TO 9 PERCENT SLOPES	ALCESTER	48
EmE	ETHAN-BETTS LOAMS, 15 TO 40 PERCENT SLOPES	ETHAN	86
EmE	ETHAN-BETTS LOAMS, 15 TO 40 PERCENT SLOPES	BETTS	86
EnC	ETHAN-BONILLA LOAMS, 1 TO 9 PERCENT SLOPES	ETHAN	86
EnC	ETHAN-BONILLA LOAMS, 1 TO 9 PERCENT SLOPES	BONILLA	48
EoD	ETHAN-DAVIS LOAMS, 9 TO 15 PERCENT SLOPES	ETHAN	86
EoD	ETHAN-DAVIS LOAMS, 9 TO 15 PERCENT SLOPES	DAVIS	48
EpC	ETHAN-HOMME COMPLEX, 6 TO 9 PERCENT SLOPES	ETHAN	86
EpC	ETHAN-HOMME COMPLEX, 6 TO 9 PERCENT SLOPES	HOMME	38
Pv	NORWAY LOAMY FINE SAND, FREQUENTLY FLOODED	NORWAY	134
GeE	GAVINS-ETHAN LOAMS, 15 TO 40 PERCENT SLOPES	GAVINS	86
GeE	GAVINS-ETHAN LOAMS, 15 TO 40 PERCENT SLOPES	ETHAN	86
GrA	GRACEVILLE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	GRACEVILLE	38
HmA	HOMME-DAVISON-TETONKA COMPLEX, 0 TO 3 PERCENT SLOPES	HOMME	38
HmA	HOMME-DAVISON-TETONKA COMPLEX, 0 TO 3 PERCENT SLOPES	DAVISON	86
HmA	HOMME-DAVISON-TETONKA COMPLEX, 0 TO 3 PERCENT SLOPES	TETONKA	48
HnB	HOMME-ETHAN-ONITA COMPLEX, 1 TO 6 PERCENT SLOPES	HOMME	38

MUSYM	MAP_UNIT_NAME	COMPNAME	I
HnB	HOMME-ETHAN-ONITA COMPLEX, 1 TO 6 PERCENT SLOPES	ETHAN	86
HnB	HOMME-ETHAN-ONITA COMPLEX, 1 TO 6 PERCENT SLOPES	ONITA	38
HpB	HOMME-ETHAN-TETONKA COMPLEX, 0 TO 6 PERCENT SLOPES	HOMME	38
HpB	HOMME-ETHAN-TETONKA COMPLEX, 0 TO 6 PERCENT SLOPES	ETHAN	86
HpB	HOMME-ETHAN-TETONKA COMPLEX, 0 TO 6 PERCENT SLOPES	TETONKA	48
HpC	HOMME-ETHAN-TETONKA COMPLEX, 0 TO 9 PERCENT SLOPES	HOMME	38
HpC	HOMME-ETHAN-TETONKA COMPLEX, 0 TO 9 PERCENT SLOPES	ETHAN	86
HpC	HOMME-ETHAN-TETONKA COMPLEX, 0 TO 9 PERCENT SLOPES	TETONKA	48
HrA	HOMME-ONITA SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	HOMME	38
HrA	HOMME-ONITA SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	ONITA	38
HrB	HOMME-ONITA SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	HOMME	38
HrB	HOMME-ONITA SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	ONITA	38
HtA	HOMME-ONITA-TETONKA COMPLEX, 0 TO 3 PERCENT SLOPES	HOMME	38
HtA	HOMME-ONITA-TETONKA COMPLEX, 0 TO 3 PERCENT SLOPES	ONITA	38
HtA	HOMME-ONITA-TETONKA COMPLEX, 0 TO 3 PERCENT SLOPES	TETONKA	48
La	LAMO SILT LOAM	LAMO	86
OcA	ONITA-CHANCELLOR SILTY CLAY LOAMS	ONITA	38
OcA	ONITA-CHANCELLOR SILTY CLAY LOAMS	CHANCELLOR	38
ReD	REDSTOE VARIANT-GAVINS COMPLEX, 6 TO 25 PERCENT SLOPES	REDSTOE VARIANT	86
ReD	REDSTOE VARIANT-GAVINS COMPLEX, 6 TO 25 PERCENT SLOPES	GAVINS	86
Sa	SALMO SILTY CLAY LOAM	SALMO	86
Sb	SARDAK-WAUBONSIE COMPLEX	SARDAK	134
Sb	SARDAK-WAUBONSIE COMPLEX	WAUBONSIE	86
TaE	TALMO-DELMONT LOAMS, 15 TO 40 PERCENT SLOPES	TALMO	48
TaE	TALMO-DELMONT LOAMS, 15 TO 40 PERCENT SLOPES	DELMONT	48
TbE	TALMO-ETHAN VERY STONY COMPLEX, 6 TO 40 PERCENT SLOPES	TALMO	0
TbE	TALMO-ETHAN VERY STONY COMPLEX, 6 TO 40 PERCENT SLOPES	ETHAN	0
Te	TETONKA SILT LOAM	TETONKA	48
ThC	THURMAN LOAMY SAND, 6 TO 15 PERCENT SLOPES	THURMAN	134
ThE	THURMAN LOAMY SAND, 15 TO 40 PERCENT SLOPES	THURMAN	134
Wg	WORTHING SILTY CLAY LOAM	WORTHING	86
Wo	WORTHING SILTY CLAY LOAM, PONDED	WORTHING	0
YaA	YANKTON-ALCESTER SILT LOAMS, 0 TO 2 PERCENT SLOPES	YANKTON	56
YaA	YANKTON-ALCESTER SILT LOAMS, 0 TO 2 PERCENT SLOPES	ALCESTER	48
YaB	YANKTON-ALCESTER SILT LOAMS, 1 TO 6 PERCENT SLOPES	YANKTON	56
YaB	YANKTON-ALCESTER SILT LOAMS, 1 TO 6 PERCENT SLOPES	ALCESTER	48
w	WATER LESS THAN 40 ACRES	WATER (LESS THAN 40 ACRES)	
ww	WATER GREATER THAN 40 ACRES	WATER (GREATER THAN 40 ACRES)	