

Bon Homme County, South Dakota
Nontechnical Soil Descriptions

AaA - Alcester Silt Loam

AaA ALCESTER SILT LOAM - The Alcester series consists of deep, well and moderately well drained soils formed in silty colluvial-alluvial sediments on terraces and foot slopes. Permeability is moderate. This soil has high available water capacity and high organic matter content. Flooding is RARE.

AcA - Alcester-Chancellor Complex

AcA ALCESTER-CHANCELLOR COMPLEX - The Chancellor series consists of deep, somewhat poorly and poorly drained soils formed in silty alluvium in upland swales. Permeability is slow. This soil has high available water capacity and high organic matter content. Flooding is FREQ.

AcA ALCESTER-CHANCELLOR COMPLEX - The Alcester series consists of deep, well and moderately well drained soils formed in silty colluvial-alluvial sediments on terraces and foot slopes. Permeability is moderate. This soil has high available water capacity and high organic matter content. Flooding is RARE.

Bn - Bon Loam

Bn BON LOAM - The Bon series consists of deep, well drained and moderately well drained soils formed in alluvium on bottom lands of the glacial till plain. Permeability is moderate. This soil has high available water capacity and high organic matter content. Flooding is OCCAS.

Bo - Bon Loam, Channeled

Bo BON LOAM, CHANNELED - The Bon series consists of deep, well drained and moderately well drained soils formed in alluvium on bottom lands of the glacial till plain. Permeability is moderate. This soil has high available water capacity and high organic matter content. Flooding is FREQ.

Br - Bonilla-Crossplain Complex

Br BONILLA-CROSSPLAIN COMPLEX - The Crossplain series consists of deep, somewhat poorly and poorly drained soils formed in glacial drift in swales and drainageways of uplands. The soils have slow or moderately slow permeability. This soil has high available water capacity and moderate organic matter content. Flooding is FREQ.

Br BONILLA-CROSSPLAIN COMPLEX - The Bonilla series consists of very deep, moderately well drained soils formed in loamy glacial drift in drainageways and swales of the uplands. Permeability is moderate in the solum and moderately slow or moderate in the underlying material. This soil has high available water capacity and high organic matter content. Flooding is NONE.

BsE - Boyd-Sansarc Clays, 15 To 40 Percent Slopes

BsE BOYD-SANSARC CLAYS, 15 TO 40 PERCENT SLOPES - The Sansarc series consists of shallow, well drained soils formed in clay residuum weathered from shale within the dissected shale plain. Permeability is slow. This soil has very low available water capacity and low organic matter content. Flooding is NONE.

BsE BOYD-SANSARC CLAYS, 15 TO 40 PERCENT SLOPES - The Boyd series consists of moderately deep, well drained, soils formed in residuum weathered from clay shale on uplands. Permeability is slow or very slow. This soil has very low available water capacity and moderate organic matter content. Flooding is NONE.

CmA - Clarno-Bonilla Loams, 0 To 2 Percent Slopes

CmA CLARNO-BONILLA LOAMS, 0 TO 2 PERCENT SLOPES - The Bonilla series consists of very deep, moderately well drained soils formed in loamy glacial drift in drainageways and swales of the uplands. Permeability is moderate in the solum and moderately slow or moderate in the underlying material. This soil has high available water capacity and high organic matter content. Flooding is NONE.

CmA CLARNO-BONILLA LOAMS, 0 TO 2 PERCENT SLOPES - The Clarno series consists of deep, well drained or moderately well drained soils formed in glacial till on uplands. Permeability is moderate in the solum and moderately slow in the underlying material. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

Bon Homme County, South Dakota
Non Technical Soil Descriptions--Continued

CmB - Clarno-Bonilla Loams, 2 To 6 Percent Slopes

CmB CLARNO-BONILLA LOAMS, 2 TO 6 PERCENT SLOPES - The Bonilla series consists of very deep, moderately well drained soils formed in loamy glacial drift in drainageways and swales of the uplands. Permeability is moderate in the solum and moderately slow or moderate in the underlying material. This soil has high available water capacity and high organic matter content. Flooding is NONE.

CmB CLARNO-BONILLA LOAMS, 2 TO 6 PERCENT SLOPES - The Clarno series consists of deep, well drained or moderately well drained soils formed in glacial till on uplands. Permeability is moderate in the solum and moderately slow in the underlying material. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

CnA - Clarno-Crossplain-Davison Complex, 0 To 3 Percent Slopes

CnA CLARNO-CROSSPLAIN-DAVISON COMPLEX, 0 TO 3 PERCENT SLOPES - The Crossplain series consists of deep, somewhat poorly and poorly drained soils formed in glacial drift in swales and drainageways of uplands. The soils have slow or moderately slow permeability. This soil has high available water capacity and moderate organic matter content. Flooding is FREQ.

CnA CLARNO-CROSSPLAIN-DAVISON COMPLEX, 0 TO 3 PERCENT SLOPES - The Clarno series consists of deep, well drained or moderately well drained soils formed in glacial till on uplands. Permeability is moderate in the solum and moderately slow in the underlying material. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

CnA CLARNO-CROSSPLAIN-DAVISON COMPLEX, 0 TO 3 PERCENT SLOPES - The Davison series consists of deep, moderately well drained soils formed in stratified glacial meltwater sediments or glacial till on uplands. Permeability is moderate in the solum and moderate or moderately slow in the underlying material. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

CsB - Clarno-Ethan-Bonilla Loams, 2 To 6 Percent Slopes

CsB CLARNO-ETHAN-BONILLA LOAMS, 2 TO 6 PERCENT SLOPES - The Bonilla series consists of very deep, moderately well drained soils formed in loamy glacial drift in drainageways and swales of the uplands. Permeability is moderate in the solum and moderately slow or moderate in the underlying material. This soil has high available water capacity and high organic matter content. Flooding is NONE.

CsB CLARNO-ETHAN-BONILLA LOAMS, 2 TO 6 PERCENT SLOPES - The Ethan series consists of deep, well drained soils formed in glacial till. They have moderate permeability in the solum and moderately slow permeability in the underlying material. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

CsB CLARNO-ETHAN-BONILLA LOAMS, 2 TO 6 PERCENT SLOPES - The Clarno series consists of deep, well drained or moderately well drained soils formed in glacial till on uplands. Permeability is moderate in the solum and moderately slow in the underlying material. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

DaB - Davis Loam, 0 To 6 Percent Slopes

DaB DAVIS LOAM, 0 TO 6 PERCENT SLOPES - The Davis series consists of deep, well drained and moderately well drained soils formed in loamy sediments on foot slopes, fans and high bottom lands. Permeability is moderate. This soil has high available water capacity and high organic matter content. Flooding is NONE.

DaC - Davis Loam, 6 To 15 Percent Slopes

DaC DAVIS LOAM, 6 TO 15 PERCENT SLOPES - The Davis series consists of deep, well drained and moderately well drained soils formed in loamy sediments on foot slopes, fans and high bottom lands. Permeability is moderate. This soil has high available water capacity and high organic matter content. Flooding is NONE.

DlC - Delmont-Talmo Loams, 6 To 9 Percent Slopes

DlC DELMONT-TALMO LOAMS, 6 TO 9 PERCENT SLOPES - The Delmont series consists of very deep, somewhat excessively drained soils formed in loamy alluvium over sand and gravel on outwash plains and terraces. Permeability is moderately rapid or moderate in the solum and rapid in the underlying sand and gravel. This soil has low available water capacity and moderate organic matter content. Flooding is NONE.

DlC DELMONT-TALMO LOAMS, 6 TO 9 PERCENT SLOPES - The Talmo series consists of very deep, excessively drained soils formed in sand and gravel outwash sediments on glacial outwash plains and moraines. Permeability is rapid. This soil has low available water capacity and moderate organic matter content. Flooding is NONE.

Bon Homme County, South Dakota
Non Technical Soil Descriptions--Continued

EaA - Eltree Silt Loam, 0 To 2 Percent Slopes

EaA ELTREE SILT LOAM, 0 TO 2 PERCENT SLOPES - The Eltree series consists of deep, well drained, moderately permeable soils that formed in calcareous silty colluvial-alluvial sediments. They are on uplands or foot slopes. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

EaB - Eltree Silt Loam, 2 To 6 Percent Slopes

EaB ELTREE SILT LOAM, 2 TO 6 PERCENT SLOPES - The Eltree series consists of deep, well drained, moderately permeable soils that formed in calcareous silty colluvial-alluvial sediments. They are on uplands or foot slopes. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

EbC - Eltree-Ethan Complex, 6 To 9 Percent Slopes

EbC ELTREE-ETHAN COMPLEX, 6 TO 9 PERCENT SLOPES - The Eltree series consists of deep, well drained, moderately permeable soils that formed in calcareous silty colluvial-alluvial sediments. They are on uplands or foot slopes. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

EbC ELTREE-ETHAN COMPLEX, 6 TO 9 PERCENT SLOPES - The Ethan series consists of deep, well drained soils formed in glacial till. They have moderate permeability in the solum and moderately slow permeability in the underlying material. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

EbE - Eltree-Ethan Complex, 9 To 40 Percent Slopes

EbE ELTREE-ETHAN COMPLEX, 9 TO 40 PERCENT SLOPES - The Eltree series consists of deep, well drained, moderately permeable soils that formed in calcareous silty colluvial-alluvial sediments. They are on uplands or foot slopes. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

EbE ELTREE-ETHAN COMPLEX, 9 TO 40 PERCENT SLOPES - The Ethan series consists of deep, well drained soils formed in glacial till. They have moderate permeability in the solum and moderately slow permeability in the underlying material. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

EcD - Eltree-Crofton Silt Loams, 9 To 15 Percent Slopes

EcD ELTREE-CROFTON SILT LOAMS, 9 TO 15 PERCENT SLOPES - The Crofton series consists of very deep, well drained to excessively drained, moderately permeable soils that formed in calcareous loess. These soils are on uplands. This soil has very high available water capacity and low organic matter content. Flooding is NONE.

EcD ELTREE-CROFTON SILT LOAMS, 9 TO 15 PERCENT SLOPES - The Eltree series consists of deep, well drained, moderately permeable soils that formed in calcareous silty colluvial-alluvial sediments. They are on uplands or foot slopes. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

EdA - Enet-Delmont Loams, 0 To 2 Percent Slopes

EdA ENET-DELMONT LOAMS, 0 TO 2 PERCENT SLOPES - The Enet series consists of deep, well drained soils formed in loamy sediments and the underlying stratified sand and gravel on the glacial outwash plain. Permeability is moderate in the solum and rapid in the underlying sand and gravel. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

EdA ENET-DELMONT LOAMS, 0 TO 2 PERCENT SLOPES - The Delmont series consists of very deep, somewhat excessively drained soils formed in loamy alluvium over sand and gravel on outwash plains and terraces. Permeability is moderately rapid or moderate in the solum and rapid in the underlying sand and gravel. This soil has low available water capacity and moderate organic matter content. Flooding is NONE.

EdB - Enet-Delmont Loams, 2 To 6 Percent Slopes

EdB ENET-DELMONT LOAMS, 2 TO 6 PERCENT SLOPES - The Enet series consists of deep, well drained soils formed in loamy sediments and the underlying stratified sand and gravel on the glacial outwash plain. Permeability is moderate in the solum and rapid in the underlying sand and gravel. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

EdB ENET-DELMONT LOAMS, 2 TO 6 PERCENT SLOPES - The Delmont series consists of very deep, somewhat excessively drained soils formed in loamy alluvium over sand and gravel on outwash plains and terraces. Permeability is moderately rapid or moderate in the solum and rapid in the underlying sand and gravel. This soil has low available water capacity and moderate organic matter content. Flooding is NONE.

Bon Homme County, South Dakota
Non Technical Soil Descriptions--Continued

EhB - Ethan-Alcester Complex, 1 To 6 Percent Slopes

EhB ETHAN-ALCESTER COMPLEX, 1 TO 6 PERCENT SLOPES - The Ethan series consists of deep, well drained soils formed in glacial till. They have moderate permeability in the solum and moderately slow permeability in the underlying material. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

EhB ETHAN-ALCESTER COMPLEX, 1 TO 6 PERCENT SLOPES - The Alcester series consists of deep, well and moderately well drained soils formed in silty colluvial-alluvial sediments on terraces and foot slopes. Permeability is moderate. This soil has high available water capacity and high organic matter content. Flooding is NONE.

EhC - Ethan-Alcester Complex, 1 To 9 Percent Slopes

EhC ETHAN-ALCESTER COMPLEX, 1 TO 9 PERCENT SLOPES - The Alcester series consists of deep, well and moderately well drained soils formed in silty colluvial-alluvial sediments on terraces and foot slopes. Permeability is moderate. This soil has high available water capacity and high organic matter content. Flooding is NONE.

EhC ETHAN-ALCESTER COMPLEX, 1 TO 9 PERCENT SLOPES - The Ethan series consists of deep, well drained soils formed in glacial till. They have moderate permeability in the solum and moderately slow permeability in the underlying material. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

EmE - Ethan-Betts Loams, 15 To 40 Percent Slopes

EmE ETHAN-BETTS LOAMS, 15 TO 40 PERCENT SLOPES - The Betts series consists of very deep, well drained soils formed in glacial till. Permeability is moderate in the upper part and moderately slow in the underlying glacial till. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

EmE ETHAN-BETTS LOAMS, 15 TO 40 PERCENT SLOPES - The Ethan series consists of deep, well drained soils formed in glacial till. They have moderate permeability in the solum and moderately slow permeability in the underlying material. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

EnC - Ethan-Bonilla Loams, 1 To 9 Percent Slopes

EnC ETHAN-BONILLA LOAMS, 1 TO 9 PERCENT SLOPES - The Ethan series consists of deep, well drained soils formed in glacial till. They have moderate permeability in the solum and moderately slow permeability in the underlying material. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

EnC ETHAN-BONILLA LOAMS, 1 TO 9 PERCENT SLOPES - The Bonilla series consists of very deep, moderately well drained soils formed in loamy glacial drift in drainageways and swales of the uplands. Permeability is moderate in the solum and moderately slow or moderate in the underlying material. This soil has high available water capacity and high organic matter content. Flooding is NONE.

EoD - Ethan-Davis Loams, 9 To 15 Percent Slopes

EoD ETHAN-DAVIS LOAMS, 9 TO 15 PERCENT SLOPES - The Davis series consists of deep, well drained and moderately well drained soils formed in loamy sediments on foot slopes, fans and high bottom lands. Permeability is moderate. This soil has high available water capacity and high organic matter content. Flooding is NONE.

EoD ETHAN-DAVIS LOAMS, 9 TO 15 PERCENT SLOPES - The Ethan series consists of deep, well drained soils formed in glacial till. They have moderate permeability in the solum and moderately slow permeability in the underlying material. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

EpC - Ethan-Homme Complex, 6 To 9 Percent Slopes

EpC ETHAN-HOMME COMPLEX, 6 TO 9 PERCENT SLOPES - The Ethan series consists of deep, well drained soils formed in glacial till. They have moderate permeability in the solum and moderately slow permeability in the underlying material. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

EpC ETHAN-HOMME COMPLEX, 6 TO 9 PERCENT SLOPES - The Homme series consists of deep, well and moderately well drained soils formed in silty sediments over loamy glacial drift on uplands. Permeability is moderately slow. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

GeE - Gavins-Ethan Loams, 15 To 40 Percent Slopes

GeE GAVINS-ETHAN LOAMS, 15 TO 40 PERCENT SLOPES - The Gavins series consists of well drained and somewhat excessively drained soils formed in sediments weathered from soft siltstone on uplands. These soils have moderate permeability above the bedrock. This soil has very low available water capacity and moderate organic matter content. Flooding is NONE.

GeE GAVINS-ETHAN LOAMS, 15 TO 40 PERCENT SLOPES - The Ethan series consists of deep, well drained soils formed in glacial till. They have moderate permeability in the solum and moderately slow permeability in the underlying material. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

Bon Homme County, South Dakota
Non Technical Soil Descriptions--Continued

GrA - Graceville Silty Clay Loam, 0 To 2 Percent Slopes

GrA GRACEVILLE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES - The Graceville series consists of deep, well and moderately well drained soils formed in silty sediments overlying sand and gravel. Permeability is moderate in the solum and rapid in the underlying material. This soil has high available water capacity and high organic matter content. Flooding is NONE.

HmA - Homme-Davison-Tetonka Complex, 0 To 3 Percent Slopes

HmA HOMME-DAVISON-TETONKA COMPLEX, 0 TO 3 PERCENT SLOPES - The Homme series consists of deep, well and moderately well drained soils formed in silty sediments over loamy glacial drift on uplands. Permeability is moderately slow. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

HmA HOMME-DAVISON-TETONKA COMPLEX, 0 TO 3 PERCENT SLOPES - The Davison series consists of deep, moderately well drained soils formed in stratified glacial meltwater sediments or glacial till on uplands. Permeability is moderate in the solum and moderate or moderately slow in the underlying material. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

HmA HOMME-DAVISON-TETONKA COMPLEX, 0 TO 3 PERCENT SLOPES - The Tetonka series consists of deep, poorly drained soils formed in local alluvium in depressions on uplands. Permeability is very slow or slow. This soil has high available water capacity and high organic matter content. Flooding is NONE. Ponding duration is LONG.

HnB - Homme-Ethan-Onita Complex, 1 To 6 Percent Slopes

HnB HOMME-ETHAN-ONITA COMPLEX, 1 TO 6 PERCENT SLOPES - The Ethan series consists of deep, well drained soils formed in glacial till. They have moderate permeability in the solum and moderately slow permeability in the underlying material. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

HnB HOMME-ETHAN-ONITA COMPLEX, 1 TO 6 PERCENT SLOPES - The Homme series consists of deep, well and moderately well drained soils formed in silty sediments over loamy glacial drift on uplands. Permeability is moderately slow. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

HnB HOMME-ETHAN-ONITA COMPLEX, 1 TO 6 PERCENT SLOPES - The Onita series consists of very deep, well and moderately well drained soils formed in local alluvium mainly on footslopes. These soils have moderately slow and slow permeability. This soil has high available water capacity and high organic matter content. Flooding is NONE.

HpB - Homme-Ethan-Tetonka Complex, 0 To 6 Percent Slopes

HpB HOMME-ETHAN-TETONKA COMPLEX, 0 TO 6 PERCENT SLOPES - The Homme series consists of deep, well and moderately well drained soils formed in silty sediments over loamy glacial drift on uplands. Permeability is moderately slow. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

HpB HOMME-ETHAN-TETONKA COMPLEX, 0 TO 6 PERCENT SLOPES - The Ethan series consists of deep, well drained soils formed in glacial till. They have moderate permeability in the solum and moderately slow permeability in the underlying material. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

HpB HOMME-ETHAN-TETONKA COMPLEX, 0 TO 6 PERCENT SLOPES - The Tetonka series consists of deep, poorly drained soils formed in local alluvium in depressions on uplands. Permeability is very slow or slow. This soil has high available water capacity and high organic matter content. Flooding is NONE. Ponding duration is LONG.

HpC - Homme-Ethan-Tetonka Complex, 0 To 9 Percent Slopes

HpC HOMME-ETHAN-TETONKA COMPLEX, 0 TO 9 PERCENT SLOPES - The Tetonka series consists of deep, poorly drained soils formed in local alluvium in depressions on uplands. Permeability is very slow or slow. This soil has high available water capacity and high organic matter content. Flooding is NONE. Ponding duration is LONG.

HpC HOMME-ETHAN-TETONKA COMPLEX, 0 TO 9 PERCENT SLOPES - The Homme series consists of deep, well and moderately well drained soils formed in silty sediments over loamy glacial drift on uplands. Permeability is moderately slow. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

HpC HOMME-ETHAN-TETONKA COMPLEX, 0 TO 9 PERCENT SLOPES - The Ethan series consists of deep, well drained soils formed in glacial till. They have moderate permeability in the solum and moderately slow permeability in the underlying material. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

HrA - Homme-Onita Silty Clay Loams, 0 To 2 Percent Slopes

HrA HOMME-ONITA SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES - The Homme series consists of deep, well and moderately well drained soils formed in silty sediments over loamy glacial drift on uplands. Permeability is moderately slow. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

HrA HOMME-ONITA SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES - The Onita series consists of very deep, well and moderately well drained soils formed in local alluvium mainly on footslopes. These soils have moderately slow and slow permeability. This soil has high available water capacity and high organic matter content. Flooding is NONE.

Bon Homme County, South Dakota
Non Technical Soil Descriptions--Continued

HrB - Homme-Onita Silty Clay Loams, 1 To 6 Percent Slopes

HrB HOMME-ONITA SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES - The Homme series consists of deep, well and moderately well drained soils formed in silty sediments over loamy glacial drift on uplands. Permeability is moderately slow. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

HrB HOMME-ONITA SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES - The Onita series consists of very deep, well and moderately well drained soils formed in local alluvium mainly on footslopes. These soils have moderately slow and slow permeability. This soil has high available water capacity and high organic matter content. Flooding is NONE.

HtA - Homme-Onita-Tetonka Complex, 0 To 3 Percent Slopes

HtA HOMME-ONITA-TETONKA COMPLEX, 0 TO 3 PERCENT SLOPES - The Homme series consists of deep, well and moderately well drained soils formed in silty sediments over loamy glacial drift on uplands. Permeability is moderately slow. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

HtA HOMME-ONITA-TETONKA COMPLEX, 0 TO 3 PERCENT SLOPES - The Onita series consists of very deep, well and moderately well drained soils formed in local alluvium mainly on footslopes. These soils have moderately slow and slow permeability. This soil has high available water capacity and high organic matter content. Flooding is NONE.

HtA HOMME-ONITA-TETONKA COMPLEX, 0 TO 3 PERCENT SLOPES - The Tetonka series consists of deep, poorly drained soils formed in local alluvium in depressions on uplands. Permeability is very slow or slow. This soil has high available water capacity and high organic matter content. Flooding is NONE. Ponding duration is LONG.

La - Lamo Silt Loam

La LAMO SILT LOAM - The Lamo series consists of very deep, somewhat poorly drained and poorly drained soils that formed in calcareous alluvium. The soils have moderately slow permeability. These soils are on bottom lands. This soil has very high available water capacity and moderate organic matter content. Flooding is OCCAS.

OcA - Onita-Chancellor Silty Clay Loams

OcA ONITA-CHANCELLOR SILTY CLAY LOAMS - The Onita series consists of very deep, well and moderately well drained soils formed in local alluvium mainly on footslopes. These soils have moderately slow and slow permeability. This soil has high available water capacity and high organic matter content. Flooding is NONE.

OcA ONITA-CHANCELLOR SILTY CLAY LOAMS - The Chancellor series consists of deep, somewhat poorly and poorly drained soils formed in silty alluvium in upland swales. Permeability is slow. This soil has high available water capacity and high organic matter content. Flooding is FREQ.

ReD - Redstoe Variant-Gavins Complex, 6 To 25 Percent Slopes

ReD REDSTOE VARIANT-GAVINS COMPLEX, 6 TO 25 PERCENT SLOPES - The Gavins series consists of well drained and somewhat excessively drained soils formed in sediments weathered from soft siltstone on uplands. These soils have moderate permeability above the bedrock. This soil has very low available water capacity and moderate organic matter content. Flooding is NONE.

Sa - Salmo Silty Clay Loam

Sa SALMO SILTY CLAY LOAM - The Salmo series consists of very deep, somewhat poorly drained and poorly drained soils formed in silty alluvium on bottom lands. Permeability is moderate or moderately slow in the solum and moderately slow or slow in the underlying material. This soil has high available water capacity and moderate organic matter content. Flooding is FREQ.

Sb - Sardak-Waubonsie Complex

Sb SARDAK-WAUBONSIE COMPLEX - The Waubonsie series consists of deep, moderately well and somewhat poorly drained soils formed in loamy alluvium and the underlying clayey alluvium on flood plains. Permeability is moderately rapid in the upper part and slow or very slow in the lower clayey part. This soil has moderate available water capacity and low organic matter content. Flooding is FREQ.

Sb SARDAK-WAUBONSIE COMPLEX - The Sardak series consists of very deep, excessively drained soils formed in sandy alluvium. These soils are on nearly level to rolling flood plains and have rapid or very rapid permeability. This soil has low available water capacity and low organic matter content. Flooding is FREQ.

Bon Homme County, South Dakota
Non Technical Soil Descriptions--Continued

TaE - Talmo-Delmont Loams, 15 To 40 Percent Slopes

TaE TALMO-DELMONT LOAMS, 15 TO 40 PERCENT SLOPES - The Delmont series consists of very deep, somewhat excessively drained soils formed in loamy alluvium over sand and gravel on outwash plains and terraces. Permeability is moderately rapid or moderate in the solum and rapid in the underlying sand and gravel. This soil has low available water capacity and moderate organic matter content. Flooding is NONE.

TaE TALMO-DELMONT LOAMS, 15 TO 40 PERCENT SLOPES - The Talmo series consists of very deep, excessively drained soils formed in sand and gravel outwash sediments on glacial outwash plains and moraines. Permeability is rapid. This soil has low available water capacity and moderate organic matter content. Flooding is NONE.

TbE - Talmo-Ethan Very Stony Complex, 6 To 40 Percent Slopes

TbE TALMO-ETHAN VERY STONY COMPLEX, 6 TO 40 PERCENT SLOPES - The Talmo series consists of very deep, excessively drained soils formed in sand and gravel outwash sediments on glacial outwash plains and moraines. Permeability is rapid. This soil has very low available water capacity and low organic matter content. Flooding is NONE.

Te - Tetonka Silt Loam

Te TETONKA SILT LOAM - The Tetonka series consists of deep, poorly drained soils formed in local alluvium in depressions on uplands. Permeability is very slow or slow. This soil has high available water capacity and high organic matter content. Flooding is NONE. Ponding duration is LONG.

ThC - Thurman Loamy Sand, 6 To 15 Percent Slopes

ThC THURMAN LOAMY SAND, 6 TO 15 PERCENT SLOPES - The Thurman series consists of very deep, well drained or somewhat excessively drained, rapidly permeable soils that formed mainly in wind deposited sandy material. They are on uplands and stream terraces. This soil has low available water capacity and low organic matter content. Flooding is NONE.

ThE - Thurman Loamy Sand, 15 To 40 Percent Slopes

ThE THURMAN LOAMY SAND, 15 TO 40 PERCENT SLOPES - The Thurman series consists of very deep, well drained or somewhat excessively drained, rapidly permeable soils that formed mainly in wind deposited sandy material. They are on uplands and stream terraces. This soil has low available water capacity and low organic matter content. Flooding is NONE.

Wg - Worthing Silty Clay Loam

Wg WORTHING SILTY CLAY LOAM - The Worthing series consists of deep, poorly and very poorly drained soils formed in clayey alluvial sediments in upland depressions. Permeability is slow. This soil has high available water capacity and moderate organic matter content. Flooding is NONE. Ponding duration is VERY LONG.

Wo - Worthing Silty Clay Loam, Ponded

Wo WORTHING SILTY CLAY LOAM, PONDED - The Worthing series consists of deep, poorly and very poorly drained soils formed in clayey alluvial sediments in upland depressions. Permeability is slow. This soil has high available water capacity and moderate organic matter content. Flooding is NONE. Ponding duration is VERY LONG.

YaA - Yankton-Alcester Silt Loams, 0 To 2 Percent Slopes

YaA YANKTON-ALCESTER SILT LOAMS, 0 TO 2 PERCENT SLOPES - The Yankton series consists of deep, well drained soils formed in silty sediments underlain by glacial till on uplands. Permeability is moderate in the solum and slow or moderately slow in the underlying material. This soil has high available water capacity and high organic matter content. Flooding is NONE.

YaA YANKTON-ALCESTER SILT LOAMS, 0 TO 2 PERCENT SLOPES - The Alcester series consists of deep, well and moderately well drained soils formed in silty colluvial-alluvial sediments on terraces and foot slopes. Permeability is moderate. This soil has high available water capacity and high organic matter content. Flooding is RARE.

YaB - Yankton-Alcester Silt Loams, 1 To 6 Percent Slopes

YaB YANKTON-ALCESTER SILT LOAMS, 1 TO 6 PERCENT SLOPES - The Yankton series consists of deep, well drained soils formed in silty sediments underlain by glacial till on uplands. Permeability is moderate in the solum and slow or moderately slow in the underlying material. This soil has high available water capacity and high organic matter content. Flooding is NONE.

YaB YANKTON-ALCESTER SILT LOAMS, 1 TO 6 PERCENT SLOPES - The Alcester series consists of deep, well and moderately well drained soils formed in silty colluvial-alluvial sediments on terraces and foot slopes. Permeability is moderate. This soil has high available water capacity and high organic matter content. Flooding is NONE.

