

Moody County, South Dakota
Nontechnical Soil Descriptions

Ac - Alcester Silty Clay Loam

Ac ALCESTER SILTY CLAY 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 very high available water capacity and high organic matter content. Flooding is RARE.

Ad - Alwilda Sandy Loam

Ad ALWILDA SANDY LOAM - The Alwilda series consists of deep, somewhat excessively drained soils formed in loamy outwash sediments overlying gravelly sand. These soils are on terraces and glacial outwash plains. Permeability is moderately rapid in the solum and rapid in the underlying material. This soil has low available water capacity and moderate organic matter content. Flooding is RARE.

Ar - Arlo Loam

Ar ARLO LOAM - The Arlo series consists of deep, somewhat poorly drained, poorly drained and very poorly drained soils formed in loamy alluvium overlying stratified sand and gravel on glacial outwash plains. Permeability is 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 OCCAS.

Ba - Baltic Silty Clay Loam

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

Bb - Baltic Silty Clay Loam, Ponded

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

BeA - Blendon Sandy Loam, 0 To 3 Percent Slopes

BeA BLENDON SANDY LOAM, 0 TO 3 PERCENT SLOPES - The Blendon series consists of deep, well drained soils formed in sandy glacial sediments or eolian sediments on terraces and alluvial fans. Permeability is moderate or moderately rapid through the solum and moderately rapid or rapid in the underlying material. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

Bo - Bon Loam

Bo 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.

Ca - Chancellor Silty Clay Loam

Ca CHANCELLOR SILTY CLAY LOAM - 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.

Ch - Chaska Loam, Channeled

Ch CHASKA LOAM, CHANNELED - The Chaska series consists of very deep, somewhat poorly drained soils that formed in recent calcareous loamy alluvium on flood plains. These soils have moderate permeability. This soil has moderate available water capacity and moderate organic matter content. Flooding is FREQ.

Cm - Clamo Silty Clay

Cm CLAMO SILTY CLAY - The Clamo series consists of deep, somewhat poorly drained, poorly drained, and very poorly drained soils formed in clayey alluvium on bottom lands. Permeability is slow. This soil has high available water capacity and high organic matter content. Flooding is OCCAS.

DaA - Davis Loam, 0 To 2 Percent Slopes

DaA DAVIS LOAM, 0 TO 2 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 RARE.

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Non Technical Soil Descriptions--Continued

DaB - Davis Loam, 2 To 9 Percent Slopes

DaB DAVIS LOAM, 2 TO 9 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.

Dc - Davison-Crossplain Clay Loams

Dc DAVISON-CROSSPLAIN CLAY LOAMS - 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.

Dc DAVISON-CROSSPLAIN CLAY LOAMS - 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.

DeA - Delmont Loam, 0 To 2 Percent Slopes

DeA DELMONT LOAM, 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.

DgD - Delmont-Talmo Complex, 6 To 40 Percent Slopes

DgD DELMONT-TALMO COMPLEX, 6 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.

DgD DELMONT-TALMO 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 low available water capacity and moderate organic matter content. Flooding is NONE.

DmA - Dempster Silt Loam, 0 To 2 Percent Slopes

DmA DEMPSTER SILT LOAM, 0 TO 2 PERCENT SLOPES - The Dempster series consists of deep, well drained soils formed in silty sediments overlying outwash sand and gravel. Permeability is moderate in the silty material and moderately rapid or rapid in the underlying sand and gravel. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

DmB - Dempster Silt Loam, 2 To 6 Percent Slopes

DmB DEMPSTER SILT LOAM, 2 TO 6 PERCENT SLOPES - The Dempster series consists of deep, well drained soils formed in silty sediments overlying outwash sand and gravel. Permeability is moderate in the silty material and moderately rapid or rapid in the underlying sand and gravel. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

DnB - Dempster-Talmo Complex, 2 To 9 Percent Slopes

DnB DEMPSTER-TALMO COMPLEX, 2 TO 9 PERCENT SLOPES - The Dempster series consists of deep, well drained soils formed in silty sediments overlying outwash sand and gravel. Permeability is moderate in the silty material and moderately rapid or rapid in the underlying sand and gravel. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

DnB DEMPSTER-TALMO COMPLEX, 2 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.

Do - Dimo Clay Loam

Do DIMO CLAY LOAM - The Dimo series consists of very deep, somewhat poorly drained soils formed in loamy alluvium and the underlying sand and gravel. Permeability is moderate in the solum and rapid in the sand and gravel. This soil has moderate available water capacity and high organic matter content. Flooding is OCCAS.

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Non Technical Soil Descriptions--Continued

DsB - Doland Loam, 2 To 6 Percent Slopes

DsB DOLAND LOAM, 2 TO 6 PERCENT SLOPES - The Doland series consists of well drained moderately permeable soils that formed in a silty mantle and in underlying loamy glacial till or entirely in the silty mantle. These soils are on glacial moraines and have slopes ranging from 0 to 18 percent. This soil has high available water capacity and high organic matter content. Flooding is NONE.

DvA - Doland-Bonilla Loams, 0 To 2 Percent Slopes

DvA DOLAND-BONILLA LOAMS, 0 TO 2 PERCENT SLOPES - The Doland series consists of well drained moderately permeable soils that formed in a silty mantle and in underlying loamy glacial till or entirely in the silty mantle. These soils are on glacial moraines and have slopes ranging from 0 to 18 percent. This soil has high available water capacity and high organic matter content. Flooding is NONE.

DvA DOLAND-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.

EeB - Egan-Ethan Complex, 2 To 6 Percent Slopes

EeB EGAN-ETHAN COMPLEX, 2 TO 6 PERCENT SLOPES - The Egan series consists of deep, well drained soils formed in silty sediments overlying glacial till on uplands. Permeability is moderate in the silty solum and moderately slow or slow in the underlying glacial till. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

EeB EGAN-ETHAN COMPLEX, 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.

EnA - Enet Loam, 0 To 2 Percent Slopes

EnA ENET LOAM, 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 RARE.

EoA - Enet-Dimo Complex, 0 To 2 Percent Slopes

EoA ENET-DIMO COMPLEX, 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 RARE.

EoA ENET-DIMO COMPLEX, 0 TO 2 PERCENT SLOPES - The Dimo series consists of very deep, somewhat poorly drained soils formed in loamy alluvium and the underlying sand and gravel. Permeability is moderate in the solum and rapid in the sand and gravel. This soil has moderate available water capacity and high organic matter content. Flooding is OCCAS.

ErD - Ethan-Clarno Loams, 6 To 25 Percent Slopes

ErD ETHAN-CLARNO LOAMS, 6 TO 25 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.

ErD ETHAN-CLARNO LOAMS, 6 TO 25 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.

EsD - Ethan-Clarno Loams, 6 To 25 Percent Slopes, Very Bouldery

EsD ETHAN-CLARNO LOAMS, 6 TO 25 PERCENT SLOPES, VERY BOULDERY - 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.

EsD ETHAN-CLARNO LOAMS, 6 TO 25 PERCENT SLOPES, VERY BOULDERY - 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.

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Non Technical Soil Descriptions--Continued

EtC - Ethan-Egan Complex, 5 To 9 Percent Slopes

EtC ETHAN-EGAN COMPLEX, 5 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.

EtC ETHAN-EGAN COMPLEX, 5 TO 9 PERCENT SLOPES - The Egan series consists of deep, well drained soils formed in silty sediments overlying glacial till on uplands. Permeability is moderate in the silty solum and moderately slow or slow in the underlying glacial till. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

ExC - Ethan-Egan Complex, 2 To 9 Percent Slopes, Very Stony

ExC ETHAN-EGAN COMPLEX, 2 TO 9 PERCENT SLOPES, VERY STONY - 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.

ExC ETHAN-EGAN COMPLEX, 2 TO 9 PERCENT SLOPES, VERY STONY - The Egan series consists of deep, well drained soils formed in silty sediments overlying glacial till on uplands. Permeability is moderate in the silty solum and moderately slow or slow in the underlying glacial till. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

FaA - Flandreau Loam, 0 To 2 Percent Slopes

FaA FLANDREAU LOAM, 0 TO 2 PERCENT SLOPES - The Flandreau series consists of deep, well drained soils formed in loamy material over sandy material. Permeability is moderate in the upper part and rapid in the lower part. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

FaB - Flandreau Loam, 2 To 6 Percent Slopes

FaB FLANDREAU LOAM, 2 TO 6 PERCENT SLOPES - The Flandreau series consists of deep, well drained soils formed in loamy material over sandy material. Permeability is moderate in the upper part and rapid in the lower part. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

FmB - Flandreau-Maddock Complex, 2 To 6 Percent Slopes

FmB FLANDREAU-MADDOCK COMPLEX, 2 TO 6 PERCENT SLOPES - The Flandreau series consists of deep, well drained soils formed in loamy material over sandy material. Permeability is moderate in the upper part and rapid in the lower part. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

FmB FLANDREAU-MADDOCK COMPLEX, 2 TO 6 PERCENT SLOPES - The Maddock series consists of very deep, well drained or somewhat excessively drained, rapidly permeable soils that formed in fine sands deposited by wind or water. These soils are on sandy glaciolacustrine or glaciofluvial, outwash and delta plains. This soil has low available water capacity and moderate organic matter content. Flooding is NONE.

Ga - Graceville Silty Clay Loam

Ga GRACEVILLE SILTY CLAY LOAM - 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.

GrB - Grovena Loam, 2 To 6 Percent Slopes

GrB GROVENA LOAM, 2 TO 6 PERCENT SLOPES - The Grovena series consists of deep, well drained soils formed in loamy eolian materials on uplands. Permeability is moderate. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

GvA - Grovena-Bonilla Loams, 0 To 2 Percent Slopes

GvA GROVENA-BONILLA LOAMS, 0 TO 2 PERCENT SLOPES - The Grovena series consists of deep, well drained soils formed in loamy eolian materials on uplands. Permeability is moderate. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

GvA GROVENA-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.

Moody County, South Dakota
Non Technical Soil Descriptions--Continued

HoA - Houdek Clay Loam, 0 To 2 Percent Slopes

HoA HOUDEK CLAY LOAM, 0 TO 2 PERCENT SLOPES - The Houdek series consists of deep, 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.

HoB - Houdek Clay Loam, 2 To 6 Percent Slopes

HoB HOUDEK CLAY LOAM, 2 TO 6 PERCENT SLOPES - The Houdek series consists of deep, 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.

HsC - Houdek-Shindler Clay Loams, 5 To 9 Percent Slopes

HsC HOUDEK-SHINDLER CLAY LOAMS, 5 TO 9 PERCENT SLOPES - The Houdek series consists of deep, 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.

HsC HOUDEK-SHINDLER CLAY LOAMS, 5 TO 9 PERCENT SLOPES - The Shindler series consists of deep, well drained soils formed in glacial till on uplands. Permeability is moderately slow. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

HsD - Houdek-Shindler Clay Loams, 6 To 25 Percent Slopes

HsD HOUDEK-SHINDLER CLAY LOAMS, 6 TO 25 PERCENT SLOPES - The Houdek series consists of deep, 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.

HsD HOUDEK-SHINDLER CLAY LOAMS, 6 TO 25 PERCENT SLOPES - The Shindler series consists of deep, well drained soils formed in glacial till on uplands. Permeability is moderately slow. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

HtD - Houdek-Talmo Complex, 6 To 40 Percent Slopes

HtD HOUDEK-TALMO COMPLEX, 6 TO 40 PERCENT SLOPES - The Houdek series consists of deep, 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.

HtD HOUDEK-TALMO 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 low available water capacity and moderate organic matter content. Flooding is NONE.

HuA - Huntimer Silty Clay Loam, 0 To 3 Percent Slopes

HuA HUNTIMER SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES - The Huntimer series consists of well and moderately well drained soils formed in clayey glaciolacustrine sediments on uplands. Permeability is moderately slow or slow. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

KaB - Kranzburg Silty Clay Loam, 2 To 6 Percent Slopes

KaB KRANZBURG SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES - The Kranzburg series consists of very deep, well drained soils formed in silty glacial drift and the underlying glacial till on uplands. Permeability is moderately slow. This soil has high available water capacity and high organic matter content. Flooding is NONE.

KbA - Kranzburg-Brookings Silty Clay Loams, 0 To 2 Percent Slopes

KbA KRANZBURG-BROOKINGS SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES - The Kranzburg series consists of very deep, well drained soils formed in silty glacial drift and the underlying glacial till on uplands. Permeability is moderately slow. This soil has high available water capacity and high organic matter content. Flooding is NONE.

KbA KRANZBURG-BROOKINGS SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES - The Brookings series consists of deep, well drained and moderately well drained soils formed in loess over glacial till on upland flats and swales. Permeability is moderate in the upper part and moderate or moderately slow in the glacial till. This soil has high available water capacity and high organic matter content. Flooding is NONE.

La - Lamo Silty Clay Loam

La LAMO SILTY CLAY 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.

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Non Technical Soil Descriptions--Continued

Lb - Lamo Silty Clay Loam, Frequently Flooded

Lb LAMO SILTY CLAY LOAM, FREQUENTLY FLOODED - 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 FREQ.

MfC - Maddock-Flandreau Complex, 5 To 9 Percent Slopes

MfC MADDOCK-FLANDREAU COMPLEX, 5 TO 9 PERCENT SLOPES - The Maddock series consists of very deep, well drained or somewhat excessively drained, rapidly permeable soils that formed in fine sands deposited by wind or water. These soils are on sandy glaciolacustrine or glaciofluvial, outwash and delta plains. This soil has low available water capacity and moderate organic matter content. Flooding is NONE.

MfC MADDOCK-FLANDREAU COMPLEX, 5 TO 9 PERCENT SLOPES - The Flandreau series consists of deep, well drained soils formed in loamy material over sandy material. Permeability is moderate in the upper part and rapid in the lower part. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

MnB - Moody-Nora Silty Clay Loams, 2 To 6 Percent Slopes

MnB MOODY-NORA SILTY CLAY LOAMS, 2 TO 6 PERCENT SLOPES - The Moody series consists of deep, well drained soils formed in loess on uplands. Permeability is moderate or moderately slow. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

MnB MOODY-NORA SILTY CLAY LOAMS, 2 TO 6 PERCENT SLOPES - The Nora series consists of deep, well drained soils formed in loess on uplands. Permeability is moderate. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

MoB - Moody Silty Clay Loam, 2 To 4 Percent Slopes

MoB MOODY SILTY CLAY LOAM, 2 TO 4 PERCENT SLOPES - The Moody series consists of deep, well drained soils formed in loess on uplands. Permeability is moderate or moderately slow. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

MtA - Moody-Trent Silty Clay Loams, 0 To 2 Percent Slopes

MtA MOODY-TRENT SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES - The Moody series consists of deep, well drained soils formed in loess on uplands. Permeability is moderate or moderately slow. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

MtA MOODY-TRENT SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES - The Trent series consists of deep, well and moderately well drained soils formed in silty sediments on uplands and in swales. Permeability is moderate. This soil has high available water capacity and high organic matter content. Flooding is NONE.

NcC - Nora-Crofton Complex, 5 To 9 Percent Slopes

NcC NORA-CROFTON COMPLEX, 5 TO 9 PERCENT SLOPES - The Nora series consists of deep, well drained soils formed in loess on uplands. Permeability is moderate. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

NcC NORA-CROFTON COMPLEX, 5 TO 9 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.

NmC - Nora-Moody Silty Clay Loams, 5 To 9 Percent Slopes

NmC NORA-MOODY SILTY CLAY LOAMS, 5 TO 9 PERCENT SLOPES - The Nora series consists of deep, well drained soils formed in loess on uplands. Permeability is moderate. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

NmC NORA-MOODY SILTY CLAY LOAMS, 5 TO 9 PERCENT SLOPES - The Moody series consists of deep, well drained soils formed in loess on uplands. Permeability is moderate or moderately slow. This soil has high 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.

Moody County, South Dakota
Non Technical Soil Descriptions--Continued

ShE - Shindler-Houdek Clay Loams, 15 To 40 Percent Slopes

ShE SHINDLER-HOUDEK CLAY LOAMS, 15 TO 40 PERCENT SLOPES - The Shindler series consists of deep, well drained soils formed in glacial till on uplands. Permeability is moderately slow. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

ShE SHINDLER-HOUDEK CLAY LOAMS, 15 TO 40 PERCENT SLOPES - The Houdek series consists of deep, 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.

Tr - Trent Silty Clay Loam

Tr TRENT SILTY CLAY LOAM - The Trent series consists of deep, well and moderately well drained soils formed in silty sediments on uplands and in swales. Permeability is moderate. This soil has high available water capacity and high organic matter content. Flooding is NONE.

Wa - Wakonda-Chancellor Silty Clay Loams

Wa WAKONDA-CHANCELLOR SILTY CLAY LOAMS - The Wakonda series consists of deep, moderately well and somewhat poorly drained soils formed in silty sediments on uplands. Permeability is moderate. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

Wa WAKONDA-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.

WCA - Wentworth-Chancellor-Wakonda Silty Clay Loams, 0 To 2 Percent Slopes

WCA WENTWORTH-CHANCELLOR-WAKONDA SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES - The Wentworth series consists of deep, well drained and moderately well drained soils formed in silty glacial drift on uplands. Permeability is moderate. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

WCA WENTWORTH-CHANCELLOR-WAKONDA SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES - 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.

WCA WENTWORTH-CHANCELLOR-WAKONDA SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES - The Wakonda series consists of deep, moderately well and somewhat poorly drained soils formed in silty sediments on uplands. Permeability is moderate. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

Web - Wentworth-Egan Silty Clay Loams, 2 To 6 Percent Slopes

Web WENTWORTH-EGAN SILTY CLAY LOAMS, 2 TO 6 PERCENT SLOPES - The Wentworth series consists of deep, well drained and moderately well drained soils formed in silty glacial drift on uplands. Permeability is moderate. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

Web WENTWORTH-EGAN SILTY CLAY LOAMS, 2 TO 6 PERCENT SLOPES - The Egan series consists of deep, well drained soils formed in silty sediments overlying glacial till on uplands. Permeability is moderate in the silty solum and moderately slow or slow in the underlying glacial till. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

WhA - Wentworth-Trent Silty Clay Loams, 0 To 2 Percent Slopes

WhA WENTWORTH-TRENT SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES - The Wentworth series consists of deep, well drained and moderately well drained soils formed in silty glacial drift on uplands. Permeability is moderate. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

WhA WENTWORTH-TRENT SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES - The Trent series consists of deep, well and moderately well drained soils formed in silty sediments on uplands and in swales. Permeability is moderate. This soil has high available water capacity and high organic matter content. Flooding is NONE.

Wo - Worthing Silty Clay Loam

Wo 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.

