

Stanley County, South Dakota
Nontechnical Soil Descriptions

AgA - Agar Silt Loam, 0 To 3 Percent Slopes

AgA AGAR SILT LOAM, 0 TO 3 PERCENT SLOPES - The Agar 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.

AgB - Agar Silt Loam, 3 To 6 Percent Slopes

AgB AGAR SILT LOAM, 3 TO 6 PERCENT SLOPES - The Agar 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.

AkA - Fairlo Silt Loam, 0 To 3 Percent Slopes

AkA FAIRLO SILT LOAM, 0 TO 3 PERCENT SLOPES - The Fairlo series consists of deep, well drained soils formed in loess overlying clayey materials on uplands. These soils have moderate permeability through the subsoil and slow permeability in the underlying material. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

AkB - Fairlo Silt Loam, 3 To 6 Percent Slopes

AkB FAIRLO SILT LOAM, 3 TO 6 PERCENT SLOPES - The Fairlo series consists of deep, well drained soils formed in loess overlying clayey materials on uplands. These soils have moderate permeability through the subsoil and slow permeability in the underlying material. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

CaA - Canning Loam, 0 To 3 Percent Slopes

CaA CANNING LOAM, 0 TO 3 PERCENT SLOPES - The Canning series consists of well drained soils formed in loamy material on terraces and outwash plains that are moderately deep over sand and gravel. Permeability is moderate through the solum and rapid in the underlying material. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

CaB - Canning Loam, 3 To 6 Percent Slopes

CaB CANNING LOAM, 3 TO 6 PERCENT SLOPES - The Canning series consists of well drained soils formed in loamy material on terraces and outwash plains that are moderately deep over sand and gravel. Permeability is moderate through the solum and rapid in the underlying material. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

CaC - Canning Loam, 6 To 9 Percent Slopes

CaC CANNING LOAM, 6 TO 9 PERCENT SLOPES - The Canning series consists of well drained soils formed in loamy material on terraces and outwash plains that are moderately deep over sand and gravel. Permeability is moderate through the solum and rapid in the underlying material. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

Cc - Carter-Capa Silt Loams

Cc CARTER-CAPA SILT LOAMS - The Carter series consists of deep, well drained and moderately well drained soils formed in clayey sediments on uplands. Permeability is very slow. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

Cc CARTER-CAPA SILT LOAMS - The Capa series consists of very deep, well drained and moderately well drained soils formed in residual clayey material on terraces and uplands. Permeability is very slow. This soil has moderate available water capacity and low organic matter content. Flooding is NONE.

ChB - Chantier Clay, 2 To 9 Percent Slopes

ChB CHANTIER CLAY, 2 TO 9 PERCENT SLOPES - The Chantier series consists of shallow, well drained soils formed in residuum weathered from shale on uplands. Permeability is very slow. This soil has very low available water capacity and low organic matter content. Flooding is NONE.

CsC - Chantier-Sansarc Clays, 3 To 15 Percent Slopes

CsC CHANTIER-SANSARC CLAYS, 3 TO 15 PERCENT SLOPES - The Chantier series consists of shallow, well drained soils formed in residuum weathered from shale on uplands. Permeability is very slow. This soil has very low available water capacity and low organic matter content. Flooding is NONE.

CsC CHANTIER-SANSARC CLAYS, 3 TO 15 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.

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Non Technical Soil Descriptions--Continued

CwB - Chantier-Bullcreek Clays, 2 To 9 Percent Slopes

CwB CHANTIER-BULLCREEK CLAYS, 2 TO 9 PERCENT SLOPES - The Chantier series consists of shallow, well drained soils formed in residuum weathered from shale on uplands. Permeability is very slow. This soil has very low available water capacity and low organic matter content. Flooding is NONE.

CwB CHANTIER-BULLCREEK CLAYS, 2 TO 9 PERCENT SLOPES - The Bullcreek series consists of deep, well drained and moderately well drained soils formed in clayey alluvium on upland valleys, alluvial fans and stream terraces. Permeability is very slow. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

Do - Dorna Silt Loam

Do DORNA SILT LOAM - The Dorna series consists of very deep, well drained soils formed in silty materials over clayey alluvial sediments on terraces. Permeability is moderate through the silty material and slow below. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

Ho - Hoven Silt Loam

Ho HOVEN SILT LOAM - The Hoven series consists of very deep, poorly drained soils formed in clayey alluvium in closed basins on uplands. Permeability is very slow. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE. Ponding duration is LONG.

HrA - Capa Silt Loam, 0 To 3 Percent Slopes

HrA CAPA SILT LOAM, 0 TO 3 PERCENT SLOPES - The Capa series consists of very deep, well drained and moderately well drained soils formed in residual clayey material on terraces and uplands. Permeability is very slow. This soil has moderate available water capacity and low organic matter content. Flooding is NONE.

Hs - Capa-Slickspots Complex

Hs CAPA-SLICKSPOTS COMPLEX - The Capa series consists of very deep, well drained and moderately well drained soils formed in residual clayey material on terraces and uplands. Permeability is very slow. This soil has moderate available water capacity and low organic matter content. Flooding is NONE.

Hs CAPA-SLICKSPOTS COMPLEX - Slickspots, dry consists of well drained areas with little or no vegetation. The areas are strongly saline and strongly alkaline. This soil has low available water capacity and very low organic matter content. Flooding is NONE.

In - Inavale Fine Sand

In INAVALE FINE SAND - The Inavale series consists of very deep, excessively drained, rapidly permeable soils. They formed mainly in sandy alluvium on bottom lands. This soil has low available water capacity and low organic matter content. Flooding is RARE.

KeA - Kirley Loam, 0 To 3 Percent Slopes

KeA KIRLEY LOAM, 0 TO 3 PERCENT SLOPES - The Kirley series consists of deep, well drained soils formed in alluvium on terraces. These soils have moderately slow or slow permeability. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

KeB - Kirley Loam, 3 To 6 Percent Slopes

KeB KIRLEY LOAM, 3 TO 6 PERCENT SLOPES - The Kirley series consists of deep, well drained soils formed in alluvium on terraces. These soils have moderately slow or slow permeability. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

Ko - Kolls Clay

Ko KOLLS CLAY - The Kolls series consists of very deep, poorly and very poorly drained soils formed in clayey alluvium in upland basins. Permeability is very slow. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

LaB - Lakoma Clay, 3 To 6 Percent Slopes

LaB LAKOMA CLAY, 3 TO 6 PERCENT SLOPES - The Lakoma series consists of moderately deep, well drained soils formed in residuum weathered from clay shales on uplands. Permeability is slow. This soil has very low available water capacity and moderate organic matter content. Flooding is NONE.

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Non Technical Soil Descriptions--Continued

LaC - Lakoma Clay, 6 To 9 Percent Slopes

LaC LAKOMA CLAY, 6 TO 9 PERCENT SLOPES - The Lakoma series consists of moderately deep, well drained soils formed in residuum weathered from clay shales on uplands. Permeability is slow. This soil has very low available water capacity and moderate organic matter content. Flooding is NONE.

LkD - Lakoma-Okaton Clays, 6 To 15 Percent Slopes

LkD LAKOMA-OKATON CLAYS, 6 TO 15 PERCENT SLOPES - The Lakoma series consists of moderately deep, well drained soils formed in residuum weathered from clay shales on uplands. Permeability is slow. This soil has very low available water capacity and moderate organic matter content. Flooding is NONE.

LkD LAKOMA-OKATON CLAYS, 6 TO 15 PERCENT SLOPES - The Okaton series consists of shallow, well drained soils formed in residuum weathered from shale. Permeability is slow. This soil has very low available water capacity and low organic matter content. Flooding is NONE.

LoA - Lowry Silt Loam, 0 To 3 Percent Slopes

LoA LOWRY SILT LOAM, 0 TO 3 PERCENT SLOPES - The Lowry series consists of deep, well drained soils formed in calcareous silty eolian sediments on uplands. Permeability is moderate. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

LoB - Lowry Silt Loam, 3 To 6 Percent Slopes

LoB LOWRY SILT LOAM, 3 TO 6 PERCENT SLOPES - The Lowry series consists of deep, well drained soils formed in calcareous silty eolian sediments on uplands. Permeability is moderate. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

LoC - Lowry Silt Loam, 6 To 9 Percent Slopes

LoC LOWRY SILT LOAM, 6 TO 9 PERCENT SLOPES - The Lowry series consists of deep, well drained soils formed in calcareous silty eolian sediments on uplands. Permeability is moderate. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

McA - McClure Silt Loam, 0 To 3 Percent Slopes

McA MCCLURE SILT LOAM, 0 TO 3 PERCENT SLOPES - The McClure series consists of deep, well drained soils formed in silty materials over clayey materials on uplands. These soils have moderately slow permeability through the subsoil and slow permeability in the underlying material. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

McB - McClure Silt Loam, 3 To 6 Percent Slopes

McB MCCLURE SILT LOAM, 3 TO 6 PERCENT SLOPES - The McClure series consists of deep, well drained soils formed in silty materials over clayey materials on uplands. These soils have moderately slow permeability through the subsoil and slow permeability in the underlying material. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

MdA - Millboro Silt Loam, 0 To 3 Percent Slopes

MdA MILLBORO SILT LOAM, 0 TO 3 PERCENT SLOPES - The Millboro series consists of very deep, well drained soils formed in clay sediments weathered from clay shale on uplands. Permeability is slow. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

MdB - Millboro Silt Loam, 3 To 6 Percent Slopes

MdB MILLBORO SILT LOAM, 3 TO 6 PERCENT SLOPES - The Millboro series consists of very deep, well drained soils formed in clay sediments weathered from clay shale on uplands. Permeability is slow. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

MoA - Millboro Silty Clay Loam, 0 To 3 Percent Slopes

MoA MILLBORO SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES - The Millboro series consists of very deep, well drained soils formed in clay sediments weathered from clay shale on uplands. Permeability is slow. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

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Non Technical Soil Descriptions--Continued

MoB - Millboro Silty Clay Loam, 3 To 6 Percent Slopes

MoB MILLBORO SILTY CLAY LOAM, 3 TO 6 PERCENT SLOPES - The Millboro series consists of very deep, well drained soils formed in clay sediments weathered from clay shale on uplands. Permeability is slow. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

Mu - Munjor-Inavale Complex

Mu MUNJOR-INAVALÉ COMPLEX - The Munjor series consists of deep, well drained or moderately well drained, moderately rapidly permeable soils that formed in loamy alluvium. These soils are on flood plains or terraces. This soil has moderate available water capacity and low organic matter content. Flooding is RARE.

Mu MUNJOR-INAVALÉ COMPLEX - The Inavale series consists of very deep, excessively drained, rapidly permeable soils. They formed mainly in sandy alluvium on bottom lands. This soil has low available water capacity and low organic matter content. Flooding is RARE.

Nb - Nimbrow Silty Clay Loam

Nb NIMBRO SILTY CLAY LOAM - The Nimbrow series consists of very deep, well drained and moderately well drained, moderately permeable soils formed in alluvium. These flood plain and low terrace soils have slopes of less than 2 percent. This soil has high available water capacity and moderate organic matter content. Flooding is RARE.

OA - Oahe Dam

OA OAHE DAM - Orthents, loamy where 1 or more feet of soil material was removed. Most areas have had 6 to 8 inches of topsoil replaced. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

OkE - Okaton-Lakoma Clays, 15 To 40 Percent Slopes

OkE OKATON-LAKOMA CLAYS, 15 TO 40 PERCENT SLOPES - The Okaton series consists of shallow, well drained soils formed in residuum weathered from shale. Permeability is slow. This soil has very low available water capacity and low organic matter content. Flooding is NONE.

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

OpA - Opal Clay, 0 To 3 Percent Slopes

OpA OPAL CLAY, 0 TO 3 PERCENT SLOPES - The Opal series consists of moderately deep, well drained soils formed in clayey sediments weathered from clay shale on uplands. Permeability is very slow. This soil has low available water capacity and moderate organic matter content. Flooding is NONE.

OpB - Opal Clay, 3 To 6 Percent Slopes

OpB OPAL CLAY, 3 TO 6 PERCENT SLOPES - The Opal series consists of moderately deep, well drained soils formed in clayey sediments weathered from clay shale on uplands. Permeability is very slow. This soil has low available water capacity and moderate organic matter content. Flooding is NONE.

OpC - Opal Clay, 6 To 9 Percent Slopes

OpC OPAL CLAY, 6 TO 9 PERCENT SLOPES - The Opal series consists of moderately deep, well drained soils formed in clayey sediments weathered from clay shale on uplands. Permeability is very slow. This soil has low available water capacity and moderate organic matter content. Flooding is NONE.

OtB - Opal-Chantier Clays, 2 To 6 Percent Slopes

OtB OPAL-CHANTIER CLAYS, 2 TO 6 PERCENT SLOPES - The Opal series consists of moderately deep, well drained soils formed in clayey sediments weathered from clay shale on uplands. Permeability is very slow. This soil has low available water capacity and moderate organic matter content. Flooding is NONE.

OtB OPAL-CHANTIER CLAYS, 2 TO 6 PERCENT SLOPES - The Chantier series consists of shallow, well drained soils formed in residuum weathered from shale on uplands. Permeability is very slow. This soil has very low available water capacity and low organic matter content. Flooding is NONE.

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

OtC - Opal-Chantier Clays, 6 To 9 Percent Slopes

OtC OPAL-CHANTIER CLAYS, 6 TO 9 PERCENT SLOPES - The Opal series consists of moderately deep, well drained soils formed in clayey sediments weathered from clay shale on uplands. Permeability is very slow. This soil has low available water capacity and moderate organic matter content. Flooding is NONE.

OtC OPAL-CHANTIER CLAYS, 6 TO 9 PERCENT SLOPES - The Chantier series consists of shallow, well drained soils formed in residuum weathered from shale on uplands. Permeability is very slow. This soil has very low available water capacity and low organic matter content. Flooding is NONE.

OxB - Opal-Promise Clays, 3 To 6 Percent Slopes

OxB OPAL-PROMISE CLAYS, 3 TO 6 PERCENT SLOPES - The Opal series consists of moderately deep, well drained soils formed in clayey sediments weathered from clay shale on uplands. Permeability is very slow. This soil has low available water capacity and moderate organic matter content. Flooding is NONE.

OxB OPAL-PROMISE CLAYS, 3 TO 6 PERCENT SLOPES - The Promise series consists of deep or very deep, well drained soils formed in clayey sediments weathered from clay shales. These soils are on uplands, fans and terraces. Permeability is slow or very slow. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

Pg - Pits, Gravel

Pg PITS, GRAVEL - Orthents, gravelly consists of areas where gravel has been excavated and removed. Some areas have been smoothed and 8 to 14 inches of loamy overburden has been replaced. This soil has low available water capacity and organic matter content. Flooding is NONE.

PrA - Promise Clay, 0 To 3 Percent Slopes

PrA PROMISE CLAY, 0 TO 3 PERCENT SLOPES - The Promise series consists of deep or very deep, well drained soils formed in clayey sediments weathered from clay shales. These soils are on uplands, fans and terraces. Permeability is slow or very slow. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

PrB - Promise Clay, 3 To 6 Percent Slopes

PrB PROMISE CLAY, 3 TO 6 PERCENT SLOPES - The Promise series consists of deep or very deep, well drained soils formed in clayey sediments weathered from clay shales. These soils are on uplands, fans and terraces. Permeability is slow or very slow. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

PrC - Promise Clay, 6 To 9 Percent Slopes

PrC PROMISE CLAY, 6 TO 9 PERCENT SLOPES - The Promise series consists of deep or very deep, well drained soils formed in clayey sediments weathered from clay shales. These soils are on uplands, fans and terraces. Permeability is slow or very slow. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

Ps - Promise-Capa Complex

Ps PROMISE-CAPA COMPLEX - The Promise series consists of deep or very deep, well drained soils formed in clayey sediments weathered from clay shales. These soils are on uplands, fans and terraces. Permeability is slow or very slow. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

Ps PROMISE-CAPA COMPLEX - The Capa series consists of very deep, well drained and moderately well drained soils formed in residual clayey material on terraces and uplands. Permeability is very slow. This soil has moderate available water capacity and low organic matter content. Flooding is NONE.

ReA - Ree Loam, 0 To 3 Percent Slopes

ReA REE LOAM, 0 TO 3 PERCENT SLOPES - The Ree series consists of very deep, well drained soils formed in loamy sediments on terraces and uplands. Permeability is moderate. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

ReB - Ree Loam, 3 To 6 Percent Slopes

ReB REE LOAM, 3 TO 6 PERCENT SLOPES - The Ree series consists of very deep, well drained soils formed in loamy sediments on terraces and uplands. Permeability is moderate. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

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

ReC - Ree Loam, 6 To 9 Percent Slopes

ReC REE LOAM, 6 TO 9 PERCENT SLOPES - The Ree series consists of very deep, well drained soils formed in loamy sediments on terraces and uplands. Permeability is moderate. This soil has high available water capacity and moderate organic matter content. Flooding is NONE.

Rs - Rock Outcrop-Sansarc Complex

Rs ROCK OUTCROP-SANSARC COMPLEX - Rock outcrop consists of soft shale that can be ripped or dug. This soil has moderate available water capacity and low organic matter content. Flooding is NONE.

Rs ROCK OUTCROP-SANSARC COMPLEX - 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.

SaE - Sansarc Clay, 6 To 40 Percent Slopes

SaE SANSARC CLAY, 6 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.

ScD - Sansarc-Opal Clays, 6 To 15 Percent Slopes

ScD SANSARC-OPAL CLAYS, 6 TO 15 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.

ScD SANSARC-OPAL CLAYS, 6 TO 15 PERCENT SLOPES - The Opal series consists of moderately deep, well drained soils formed in clayey sediments weathered from clay shale on uplands. Permeability is very slow. This soil has low available water capacity and moderate organic matter content. Flooding is NONE.

ScE - Sansarc-Opal Clays, 15 To 40 Percent Slopes

ScE SANSARC-OPAL 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.

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

Sd - Sansarc-Rock Outcrop Complex

Sd SANSARC-ROCK OUTCROP COMPLEX - 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.

Sd SANSARC-ROCK OUTCROP COMPLEX - Rock outcrop consists of soft shale that can be ripped or dug. This soil has moderate available water capacity and low organic matter content. Flooding is NONE.

ShE - Schamber Gravelly Loam, 9 To 40 Percent Slopes

ShE SCHAMBER GRAVELLY LOAM, 9 TO 40 PERCENT SLOPES - The Schamber series consists of well to excessively drained soils that are very shallow over sand and gravel outwash sediments. Permeability is rapid or very rapid. This soil has very low available water capacity and low organic matter content. Flooding is NONE.

SmD - Schamber-Murdo Complex, 6 To 15 Percent Slopes

SmD SCHAMBER-MURDO COMPLEX, 6 TO 15 PERCENT SLOPES - The Schamber series consists of well to excessively drained soils that are very shallow over sand and gravel outwash sediments. Permeability is rapid or very rapid. This soil has very low available water capacity and low organic matter content. Flooding is NONE.

SmD SCHAMBER-MURDO COMPLEX, 6 TO 15 PERCENT SLOPES - The Murdo series consists of deep, well drained soils formed in 10 to 20 inches of loamy alluvium underlain by sand and gravel on outwash plains and terraces. Permeability is moderate or moderately rapid in the solum and rapid in the sand and gravel. This soil has low available water capacity and low organic matter content. Flooding is NONE.

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

Sme - Schamber-Murdo Complex, 15 To 40 Percent Slopes

Sme SCHAMBER-MURDO COMPLEX, 15 TO 40 PERCENT SLOPES - The Schamber series consists of well to excessively drained soils that are very shallow over sand and gravel outwash sediments. Permeability is rapid or very rapid. This soil has very low available water capacity and low organic matter content. Flooding is NONE.

Sme SCHAMBER-MURDO COMPLEX, 15 TO 40 PERCENT SLOPES - The Murdo series consists of deep, well drained soils formed in 10 to 20 inches of loamy alluvium underlain by sand and gravel on outwash plains and terraces. Permeability is moderate or moderately rapid in the solum and rapid in the sand and gravel. This soil has low available water capacity and low organic matter content. Flooding is NONE.

SuC - Sully Silt Loam, 3 To 9 Percent Slopes

SuC SULLY SILT LOAM, 3 TO 9 PERCENT SLOPES - The Sully series consists of very deep, well drained soils formed in loess on the uplands. Permeability is moderate. This soil has high available water capacity and low organic matter content. Flooding is NONE.

SuE - Sully Silt Loam, 9 To 25 Percent Slopes

SuE SULLY SILT LOAM, 9 TO 25 PERCENT SLOPES - The Sully series consists of very deep, well drained soils formed in loess on the uplands. Permeability is moderate. This soil has high available water capacity and low organic matter content. Flooding is NONE.

SvE - Sully-Sansarc Complex, 9 To 25 Percent Slopes

SvE SULLY-SANSARC COMPLEX, 9 TO 25 PERCENT SLOPES - The Sully series consists of very deep, well drained soils formed in loess on the uplands. Permeability is moderate. This soil has high available water capacity and low organic matter content. Flooding is NONE.

SvE SULLY-SANSARC COMPLEX, 9 TO 25 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.

Sw - Bullcreek Clay

Sw BULLCREEK CLAY - The Bullcreek series consists of deep, well drained and moderately well drained soils formed in clayey alluvium on upland valleys, alluvial fans and stream terraces. Permeability is very slow. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

Sx - Bullcreek-Slickspots Complex

Sx BULLCREEK-SLICKSPOTS COMPLEX - The Bullcreek series consists of deep, well drained and moderately well drained soils formed in clayey alluvium on upland valleys, alluvial fans and stream terraces. Permeability is very slow. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

Sx BULLCREEK-SLICKSPOTS COMPLEX - Slickspots, dry consists of well drained areas with little or no vegetation. The areas are strongly saline and strongly alkaline. This soil has low available water capacity and very low organic matter content. Flooding is NONE.

w - Water (<40 Acres)

w WATER (<40 ACRES) - These are areas of water that are normally less than 40 acres in size. This soil has available water capacity and organic matter content.

Wc - Wendte Clay

Wc WENDTE CLAY - The Wendte series consists of deep, moderately well drained, slowly permeable soils formed in calcareous clayey alluvium. This soil has moderate available water capacity and moderate organic matter content. Flooding is RARE.

Wd - Wendte Clay, Channeled

Wd WENDTE CLAY, CHANNELED - The Wendte series consists of deep, moderately well drained, slowly permeable soils formed in calcareous clayey alluvium. This soil has moderate available water capacity and moderate organic matter content. Flooding is FREQ.

Wf - Albaton Clay, Frequently Flooded

Wf ALBATON CLAY, FREQUENTLY FLOODED - The Albaton series consists of deep, poorly or very poorly drained, slowly or very slowly permeable soils formed in clayey alluvium on bottom lands. This soil has moderate available water capacity and organic matter content. Flooding is FREQ. Ponding duration is LONG.

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

WSE - Westover Loam, 15 To 40 Percent Slopes

WSE WESTOVER LOAM, 15 TO 40 PERCENT SLOPES - The Westover series consists of deep, well drained soils formed in loamy sediments over sand and gravel on terraces and terrace escarpments. Permeability is moderate in the upper part of the soil and rapid in the underlying sand and gravel. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

Wt - Witten Clay

Wt WITTEN CLAY - The Witten series consists of deep, moderately well drained soils formed in clayey alluvium in swales on uplands. Permeability is slow. This soil has moderate available water capacity and moderate organic matter content. Flooding is NONE.

