1983

Classification of South Dakota Soils 1983

G.D. Lemme

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Classification of South Dakota Soils 1983

Assembled by:
G.D. Lemme, Plant Science Department
Agricultural Experiment Station
South Dakota State University
and
USDA-SCS Soil Survey Staff
The Plant Science Department of South Dakota State University and the soil survey staff of the Soil Conservation Service (SCS) in South Dakota have cooperatively assembled this guide to the soils of South Dakota.

The status of soil surveys in South Dakota are shown on the first page of this report. All soil series currently correlated within South Dakota are listed with their family classification in the green section of this report. These soil series are arranged by the various levels of soil taxonomy in the remaining section of this report.

This report is intended for soil scientists who need to determine the classification of a soil series or to determine what soil series are currently used in South Dakota within a particular taxonomic group.

Published in accordance with an Act passed in 1881 by the 14th Legislative Assembly, Dakota Territory, establishing the Dakota Agricultural College and with the Act of re-organization passed in 1887 by the 17th Legislative Assembly, which established the Agricultural Experiment Station at South Dakota State University.
STATUS OF SOIL SURVEYS
SOUTH DAKOTA
OCTOBER 1, 1983

LEGEND

- - - STATE BOUNDARY
- - - COUNTY BOUNDARY
MODERN PUBLISHED SOIL SURVEY.

MODERN SOIL SURVEY WITH FIELD MAPPING COMPLETED, TO BE PUBLISHED.

MODERN SOIL SURVEY BEING CONDUCTED, WITH DATE FOR COMPLETION SET.

- - - OLD PUBLISHED SOIL SURVEY.

- - - NO MODERN SOIL SURVEY BEING CONDUCTED, AND NO OLD PUBLISHED SURVEY.

SOURCE:
FAMILY OF MAPS, SCS DRAWING NO. 5.5.12.029 A-740
AND INFORMATION FROM SCS FIELD PERSONNEL
ALBERS EQUAL AREA PROJECTION

SCALE: 0 10 20 30 40 50 60 70 80 90 MILES
0 20 40 60 80 100 KMETER}

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<tr>
<td>WYAMORE</td>
<td>ND</td>
<td>AERIC CALECATOLLS</td>
<td>FINE-LOAMY, MIXED</td>
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<tr>
<td>YANKTON</td>
<td>SD</td>
<td>PACIFIC CAMBORHIDS</td>
<td>LOAMY, MIXED, SHALLOW</td>
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<tr>
<td>YARDIN</td>
<td>SD</td>
<td>USTIC TORMERCHENS</td>
<td>CLAYEY, MONTOMORILLONITIC (CALCAREUS), FRIGID</td>
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<tr>
<td>YEAMON</td>
<td>SD</td>
<td>TYPIC USTIPSAMMENS</td>
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<tr>
<td>YEARES</td>
<td>SD</td>
<td>TYPIC ARGIBOROLLS</td>
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<td>ZAILL</td>
<td>ND</td>
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<td>COARSE-LOAMY, MIXED</td>
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<tr>
<td>ZELL</td>
<td>SD</td>
<td>USTOROCHENTIC HAPLOROLLS</td>
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<td>ZEONIA</td>
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<td>ZIEGNA</td>
<td>SD</td>
<td>USTOLIC CAMBORHIDS</td>
<td>FINE-LOAMY, MIXED, MESIC</td>
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*PROPOSED SERIES INACTIVE—CAPUTA DROPPED—BOEL

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<tr>
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<td>ROBAT</td>
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</table>
LIST OF ORDERS, SUBORDERS, GREAT GROUPS, SUBGROUPS, FAMILIES, AND SERIES USED IN SOUTH DAKOTA

ALFISOLS

AQUALFS

Typic Albaqualfs
fine, montmorillonitic, frigid
Nishon

BORALFS

Typic Cryoboralfs
loamy-skeletal, mixed
Trebor
fine, montmorillonitic
Lail

Mollic Cryoboralfs
fine, montmorillonitic
Stovho

Typic Eutroboralfs
loamy skeletal, mixed
Grizzly, Pactola, Rockoa
fine-loamy, mixed
Lakoa
fine-silty, mixed
Half Moon
clayey-skeletal, illitic
Buska
fine, montmorillonitic
Citadel, Virkula

Mollic Eutroboralfs
fine-loamy, mixed
Maitland

USTALFS

Typic Haplustalfs
loamy-skeletal, mixed, mesic
Mathias
ARGIDS

Ustollic Haplargids
fine, montmorillonitic, mesic
Baca, Manzanola, Norrest
fine-loamy, mixed, mesic
Cushman

Aquic Natrargids
fine, mixed, mesic
Minatare

Borolic Natrargids
coarse-loamy, mixed
Ladner
fine-loamy, mixed
Archin, Bullock, Parchin
fine, montmorillonitic
Absher, Gerdrum, Loburn, Oburn

Haplustollic Natrargids
fine, montmorillonitic, mesic
Absted

Ustollic Natrargids
fine, montmorillonitic, mesic
Arvada, Cedar Butte, Hisle, Wanblee

Ustollic Paleargids
fine, montmorillonitic, mesic
Bidman, Demar

ORTHIDS

Ustollic Calciorthids
fine-loamy, gypsic, mesic
Redig

Borolic Camborthids
coarse-loamy, mixed
Twilight
Ustertic Camborthids

very-fine, montmorillonitic, mesic
Kyle, Pierre, Twotop, Swanboy,
Winler, Larvie, Wasa, Whitewater

Ustollic Camborthids

fine-loam, mixed, mesic
Zigweid

dry-silty, gypsic, mesic
Gystrum

clayey, montmorillonitic, mesic, shallow
Conata

dry, mixed, mesic
Bufton, Denby

very-fine, montmorillonitic, mesic
Snomo

Aquollic Salorthids

fine, montmorillonitic, mesic
Sage

fine-loamy, mixed, mesic
Lardell
ENTISOLS

AQUENTS

Typic Fluvaquents

fine, montmorillonitic (calcareous), frigid
Lallie

Mollic Fluvaquents

sandy, mixed, mesic
Platte

fine-loamy, mixed (calcareous), mesic
Chaska

clayey over loamy, montmorillonitic (calcareous), mesic
Onawa

fine, montmorillonitic, nonacid, mesic
Owego

Vertic Fluvaquents

fine, montmorillonitic (calcareous), mesic
Albaton

fine, montmorillonitic, nonacid, mesic
Forney

FLUVENTS

Ustertic Torrifluvents

fine, montmorillonitic, nonacid, mesic
Stetter

Ustic Torrifluvents

sandy, mixed, frigid
Hanly

sandy, mixed, mesic
Bankard

course-loamy, mixed (calcareous), frigid
Glendive

course-loamy, mixed (calcareous), mesic
Glenberg

course-silty, mixed (calcareous), mesic
Craft
fine-loamy, mixed (calcareous), frigid
Havre

fine-loamy, mixed (calcareous), mesic
Barnum, Haverson

fine-silty, mixed (calcareous), mesic
Interior

fine, montmorillonitic (calcareous), frigid
Harlem

Typic Udifluvents

coarse-loamy, mixed (calcareous), mesic
Carr

Aquic Udifluvents

coarse-loamy over clayey, mixed (calcareous), mesic
Waubonsie

coarse-silty over clayey, mixed (calcareous), mesic
Modale

fine-silty, mixed (calcareous), mesic
Blake

clayey over sandy or sandy-skeletal, montmorillonitic
(calcareous), mesic
Percival

Mollic Udifluvents

coarse-silty, mixed (calcareous), mesic
Haynie, McPaul

coarse-silty over sandy or sandy-skeletal, mixed
(calcareous), mesic
Grable

Typic Ustifluvents

sandy, mixed, frigid
Banks

sandy, mixed, mesic
Inavale

coarse-loamy, mixed (calcareous), frigid
Trembles

coarse-loamy, mixed (calcareous), mesic
Munjor

coarse-silty, mixed (calcareous), mesic
Bigbend
loamy-skeletal, mixed (calcareous), frigid
Winetti

fine-loamy, mixed (calcareous), frigid
Havelon

fine-montmorillonitic (calcareous), frigid
Lohler

Mollic Ustifluvents

fine-silty, mixed (calcareous), mesic
Aowa

fine-loamy, mixed (calcareous), frigid
Korchea

fine-loamy, mixed (calcareous), mesic
Nimbro

clayey over loamy, montmorillonitic (calcareous), mesic
Hilmoe

Vertic Ustifluvents

fine, montmorillonitic (calcareous), mesic
Wendte

very-fine, montmorillonitic (calcareous), mesic
Stirk

ORTHENTS

Gypsic Torriorthents

loamy, gypsic, mesic, shallow
Rekop

Lithic Ustic Torriorthents

loamy, mixed (calcareous), mesic
Penrose

loamy, mixed, nonacid, mesic
Butche
Ustertic Torriorthents

very-fine, montmorillonitic, acid, mesic
Broadhurst

Ustic Torriorthents

fragmental, mixed (calcareous), frigid
Kirby

sandy-skeletal, mixed, mesic
Schamber

loamy-skeletal, mixed (calcareous), mesic, shallow
Imlay

course-silty, gypsic, mesic
Gypnevee

course-silty, mixed (calcareous), mesic
Keota, Mitchell, Nevee

loamy, carbonatic, mesic, shallow
Enning

loamy, mixed (calcareous), frigid, shallow
Blackhall, Cabbart

loamy, mixed (calcareous), mesic, shallow
Canyon, Epping, Shingle, Spearfish, Tassel

tine-loamy, mixed (calcareous), frigid
Delphill

fine-silty, mixed (calcareous), frigid
Scroggin

fine-silty, mixed (calcareous), mesic
Colby, Manvel, Minnequa

clayey, mixed (calcareous), mesic, shallow
Orella

clayey, montmorillonitic, acid, mesic, shallow
Grummit

clayey, montmorillonitic (calcareous), frigid, shallow
Yawdin
clayey, montmorillonitic (calcareous), mesic, shallow
Chantier, Epsie, Midway, Samsil

fine, montmorillonitic, acid, mesic
Graner

clayey, montmorillonitic, nonacid, shallow
Lismas

PSAMMENTS

Typic Torripsamments

mixed, frigid, shallow
Fleak

Ustic Torripsamments

mixed, frigid
Trey, Zeona

mixed, mesic
Dwyer, Valent

Typic Udipsamments

mixed, frigid
Serden

mixed, mesic
Sarpy

Typic Ustipsamments

mixed, frigid
Seroco, Yecross

mixed, frigid, shallow
Flasher

mixed, mesic
Duda, Valentine

Aquic Ustipsamments

mixed, mesic
Els, Ipage
Typic Ustorthents

- loamy, carbonatic, mesic, shallow
  - Gavins
- loamy, mixed (calcareous), frigid, shallow
  - Cabba
- loamy, mixed (calcareous), mesic, shallow
  - Mariaville
- loamy-skeletal, mixed (calcareous), frigid
  - Sawdust
- coarse-loamy, mixed (calcareous), mesic
  - Westover
- coarse-silty, mixed, nonacid, mesic
  - Gates
- coarse-silty, mixed (calcareous), mesic
  - Sully
- fine-loamy, mixed (calcareous), frigid
  - Zahill
- fine-silty, mixed (calcareous), mesic
  - Betts
- fine-silty, mixed (calcareous), frigid
  - Lantry
- fine-silty, mixed (calcareous), mesic
  - Crofton
- clayey, gypsic, mesic, shallow
  - Bristow
- clayey, montmorillonitic (calcareous), mesic, shallow
  - Okaton, Sansarc
- fine, montmorillonitic (calcareous), frigid
  - Dimyaw
- fine, montmorillonitic (calcareous), mesic
  - Gettys
- sandy, skeletal, mixed, frigid
  - Hopdraw

Lithic Ustorthents

- loamy-skeletal, mixed (calcareous), frigid
  - Reva
INCEPTISOLS

AQUEPTS

Typic Haplaquepts

coarse-silty, gypsic, mesic
Higgins

fine-silty, mixed (calcareous), mesic
Elpam

fine, montmorillonitic (calcareous), frigid
McKenzie

OCHREPTS

Typic Eutrochrepts

loamy-skeletal, mixed, frigid
Vanocker

Dystric Eutrochrepts

loamy-skeletal, micaceous, frigid
Hisega

Typic Ustrochrepts

clayey, montmorillonitic, non-acid, shallow
Dupree

fine, montmorillonitic, mesic
Lakoma

Vertic Ustochepts

fine, montmorillonitic, mesic
Boro, Labu
MOLLISOLS

ALBOLLS

Typic Argialbolls
fine, montmorillonitic, mesic
Scott, Plankinton

Argiaquic Argialbolls
fine, montmorillonitic, frigid
Tonka
fine, montmorillonitic, mesic
Tetonka

AQUOLLS

Typic Argiaquolls
clayey over sandy or sandy-skeletal, montmorillonitic, mesic
Grat
fine, montmorillonitic, frigid
Parnell
fine, montmorillonitic, mesic
Chancellor, Crossplain, Worthing

Typic Calciaquolls
sandy, mesic
Orwet
coarse-loamy, frigid
Arveson
coarse-loamy, mesic
Fedora
coarse-silty, frigid
Borup
fine-loamy, frigid
Vallers
fine-loamy, mesic
Harms
fine-loamy over sandy or sandy-skeletal, frigid
Benoit, Maryland
fine-loamy over sandy or sandy-skeletal, mesic  
Arlo

fine-silty, frigid  
Colvin, Regan

Aeric Calciaquolls

sandy, frigid  
Ulen

coarse-loamy, frigid  
Wyndmere

coarse-silty, frigid  
Glyndon

fine-loamy, frigid  
Antler, Hamerly

fine-loamy over sandy or sandy-skeletal, frigid  
Divide

fine-loamy over sandy or sandy-skeletal, mesic  
Storla

fine-silty, frigid  
Bearden

fine-silty, mesic  
Firesteel

Typic Haplaquolls

sandy, mixed, frigid  
Hamar, Venlo

sandy, mixed, mesic  
Loup

sandy over loamy, frigid  
Kratka

coarse-loamy, mixed, mesic  
Gannett

fine-loamy, mixed, frigid  
Flom

fine-loamy, mixed {calcareous}, mesic  
Canisteo

fine-silty, mixed, frigid  
Hidewood

fine-silty, mixed, mesic  
Leshara
Cumulic Haplaquolls

fine-loamy, mixed, frigid
Marshdale

fine-silty, mixed (calcareous), frigid
Lamoure, Rauville, Playmoor

fine-silty, mixed (calcareous), mesic
Badus, Calco, Lamo, Salmo

fine-silty, mixed, mesic
Whitewood

fine, montmorillonitic (calcareous), frigid
Oldham

fine, montmorillonitic, frigid
Dovray

fine, montmorillonitic (calcareous), mesic
Baltic, James

fine, montmorillonitic, mesic
Clamo

Typic Natraquolls

course-loamy, mixed, frigid
Stirum

fine-loamy, mixed, frigid
Glenross

fine-loamy, mixed, mesic
Lute

fine, mixed, frigid
Harriet

fine, montmorillonitic, frigid
Heil, Ranslo, Ryan

fine, montmorillonitic, mesic
Durrstein, Hoven, Napa

Vertic Haplaquolls

fine, montmorillonitic, frigid
Dimmick

fine, montmorillonitic (calcareous), frigid
Grano, Ludden

fine, montmorillonitic (calcareous), mesic
Erd, Solomon
fine, montmorillonitic, mesic
Luton, Macken

very-fine, montmorillonitic (calcareous), mesic
Kolls

BOROLLS

Typic Argiborolls

loamy-skeletal, mixed
Beaverton

de-Loamy, mixed
Farnuf, Felor, Greenway, Lefor, Reeder, Vida, Watrous, Williams, Yegen

de-silty, mixed
Bullflat, Farland, Morton

de-silty, mixed
Gurney

dec, montmorillonitic
Bearpaw, Mondamin, Regent, Savage

Aridic Argiborolls

fine-loamy, mixed
Assinniboine, Marmarth

fine-loamy over sandy or sandy-skeletal, mixed
Attewan

fine-silty, mixed
Ralph

dec, montmorillonitic
Tanna

Aquic Argiborolls

fine, mixed
Doran

Pachic Argiborolls

fine-loamy, mixed
Bowbells

dec, montmorillonitic
Grail
Pachic Udic Argiborolls
- fine-silty, mixed
  - Winship
- fine, montmorillonitic
  - Sieche, Harmony

Udic Argiborolls
- fine-loamy, mixed
  - Forman
- fine, montmorillonitic
  - Peever

Vertic Argiborolls
- fine, montmorillonitic
  - Ridgeview

Typic Calciborolls
- coarse-silty, mixed
  - Huffton
- fine-silty, mixed
  - Rondell

Typic Haploborolls
- coarse-loamy, mixed
  - Tally, Vebar
- coarse-loamy over sandy or sandy-skeletal, mixed
  - Manning
- coarse-silty, mixed
  - Linton
- loamy-skeletal, mixed
  - Heely, Slimbutte
- fine-loamy, mixed
  - Max, Shambo, Amor, Tansem
- fine-loamy over sandy or sandy-skeletal, mixed
  - Lehr, Stady
- fine-silty, mixed
  - Bryant, Temvik
- fine, montmorillonitic
  - Moreau
Aridic Haploborolls

- coarse-loamy, mixed
  Rhame, Chinook
- fine-loamy, mixed
  Kremlin

Aquic Haploborolls

- sandy, mixed
  Hecla

Cumulic Haploborolls

- fine-loamy, mixed
  Cordeston, Straw

Cumulic Udic Haploborolls

- fine-loamy, mixed
  LaPrairie
- fine-silty, mixed
  LaDelle

Entic Haploborolls

- sandy, mixed
  Lihen
- sandy-skeletal, mixed
  Wabek
- coarse-silty, mixed
  Sutley
- loamy, mixed, shallow
  Werner
- fine-loamy, mixed
  Zahl

Lithic Haploborolls

- loamy, mixed
  Kloten
- loamy-skeletal, mixed
  Paunsaugunt
Pachic Haploborolls

- coarse-loamy, mixed
  Parshall

- fine-loamy, mixed
  Roseglen, Arnegard

- fine-loamy over sandy or sandy skeletal, mixed
  Bowdle

- fine-silty, mixed
  Grassna

Pachic Udertic Haploborolls

- coarse-loamy, mixed
  Swenoda, Embden

- coarse-silty, mixed
  Gardena

- fine-loamy, mixed
  Svea, Lismore, Aastad

- fine-loamy over sandy or sandy-skeletal, mixed
  Fordville, Spottswood, Vang

- fine-silty, mixed
  Waubay, Overly, Beotia, Brookings

- fine-silty over sandy or sandy-skeletal, mixed
  Estelline, Athelwold

- fine, montmorillonitic
  Sinai

Udertic Haploborolls

- fine, montmorillonitic
  Hattie, Nutley

Udic Haploborolls

- sandy, mixed
  Arvilla, Sverdrup

- coarse-loamy, mixed
  Egeland, Heimdal

- coarse-loamy over clayey, mixed
  Rentill
coarse-silty, mixed
  Eckman

fine-loamy, mixed
  Barnes, Doland, Edgeley, Vienna

fine-loamy over sandy or sandy-skeletal, mixed
  Brantford, Fordville, Renschaw

fine-silty, mixed
  Great Bend, Kranzburg, Poinsett, Putney

<table>
<thead>
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<th>Udorthentic Haploborolls</th>
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<tbody>
<tr>
<td>sandy, mixed</td>
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<tr>
<td>Maddock</td>
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<tr>
<td>sandy over loamy, mixed</td>
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<tr>
<td>Dickey, Towner</td>
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<tr>
<td>sandy-skeletal, mixed</td>
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<tr>
<td>Sioux</td>
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<tr>
<td>coarse-silty, mixed</td>
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<tr>
<td>Zell</td>
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<tr>
<td>fine-loamy, mixed</td>
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<td>Buse</td>
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<th>Vertic Haploborolls</th>
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<tr>
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<td>Lawther</td>
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<th>Typic Natriborolls</th>
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<tbody>
<tr>
<td>coarse-loamy, mixed</td>
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<tr>
<td>Desart, Ekalaka, Evridge</td>
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<tr>
<td>fine-loamy, mixed</td>
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<td>Noonan</td>
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<tr>
<td>fine, montmorillonitic</td>
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<td>Daglum</td>
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<th>Aridic Natriborolls</th>
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<th>Glossic Natriborolls</th>
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<tr>
<td>fine-loamy, mixed</td>
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<tr>
<td>Niobell</td>
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<tr>
<td>fine, montmorillonitic</td>
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<td>Belfield</td>
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Glossic Udic Natriborolls

fine-loamy, mixed
Cathay

fine, montmorillonitic
Aberdeen, Cresbard

Leptic Natriborolls

fine-loamy, mixed
Miranda

fine, montmorillonitic
Exline, Rhoades

Udic Natriborolls

coarse-loamy, mixed
Letcher

fine-loamy, mixed
Larson

fine, montmorillonitic
Cavour, Nahon

Hapludic Vermiborolls

fine-loamy, mixed
Singsaas

UDOLLS

Typic Hapludolls

fine-silty, mixed, mesic
Salix

Aquic Hapludolls

clayey over loamy, montmorillonitic, mesic
Blencoe

fine, montmorillonitic, mesic
Lakeport
Cumulic Hapludolls

fine-silty, mixed, mesic
Judson, Kennebec

Fluventic Hapludolls

course-loamy, mixed, mesic
Blyburg

USTOLLS

Typic Argiustolls

course-loamy, mixed, mesic
Holt

fine-loamy, mixed, mesic
Glenham, Ree, Wewela, Houdek

fine-loamy over sandy or sandy-skeletal, mixed, mesic
Canning, Jansen, Murdo

fine-silty, mixed, mesic
Agar, Eakin, Fairlo, Highmore

fine-silty over sandy or sandy-skeletal, mixed, mesic
Akaska

fine, montmorillonitic, mesic
Beadle, Kirley, McClure, Peno, Raber, Reliance

Aridic Argiustolls

course-loamy, mixed, mesic
Manter, Mawer

fine-loamy, mixed, mesic
Asralon, Rosebud, Satanta

fine-loamy over sandy or sandy-skeletal, mixed, mesic
Altvan, Tuthill

fine-silty, mixed, mesic
Kadoka, Keith, Norka, Vale

fine-silty over sandy or sandy-skeletal, mixed, mesic
Weber

clayey, mixed, mesic, shallow
Shena

fine, montmorillonitic, mesic
Blackpipe, Boneek, Huggins, Kube, Nunn, Richfield, Savo
Pachic Argiustolls

- fine-loamy, mixed, mesic  
  Keya, Prosper, Renner Woodly, Woonsocket

- fine-loamy over sandy or sandy-skeletal, mixed, mesic  
  Brocksburg

- fine-silty, mixed, mesic  
  Goshen, Mobridge

- fine, montmorillonitic, mesic  
  Lane, Onita

Vertic Argiustolls

- fine, montmorillonitic, mesic  
  Millboro, Oko, Okreek, Witten

Typic Calciustolls

- fine-loamy, mixed, mesic  
  Ethan

- fine-silty, mixed, mesic  
  Redstoe

Aquic Calciustolls

- fine-loamy, mixed, mesic  
  Davison

- fine-silty, mixed, mesic  
  Wakonda

Typic Haplustolls

- sandy, mixed, mesic  
  Alwilda

- coarse-loamy, mixed, mesic  
  Anselmo, Orton

- coarse-loamy over sandy or sandy skeletal, mixed, mesic  
  O'Neill

- coarse-silty, mixed, mesic  
  Lowry

- fine-loamy, mixed, mesic  
  Clarno, Hand
fine-loamy over sandy or sandy-skeletal, mixed, mesic
   Delmont, Oahe

fine-silty, mixed, mesic
   Homme, Uly

Aquic Haplustolls

sandy, mixed, mesic
   Elsmere

sandy over loamy, mixed, mesic
   Shue

Aridic Haplustolls

coarse-loamy, mixed, mesic
   Alice, Chappell, Jayem

coarse-silty, mixed, mesic
   Oglala

fine-silty, mixed, mesic
   Ulysses

Cumulic Haplustolls

fine-loamy, mixed, mesic
   Bon, St. Onge

fine-silty, mixed, mesic
   Alcester, Hord, Roxbury

Entic Haplustolls

sandy, mixed, mesic
   Doger, Dunday

sandy-skeletal, mixed, mesic
   Meadin

sandy over loamy, mixed, mesic
   Forestburg

coarse-loamy, mixed, mesic
   Ronson

fine-loamy, mixed, mesic
   Java

Fluvaquentic Haplustolls

coarse-loamy, mixed, mesic
   Wann
Fluventic Haplustolls

coarse-loamy, mixed, mesic
Cass

course-silty over clayey, mixed, mesic
Dorna

fine-loamy, mixed, mesic
Swint

fine-silty, mixed, mesic
Bridgeport

Lithic Haplustolls

loamy, mixed, mesic
Laporte

Torriorthentic Haplustolls

sandy, mixed, mesic
Dailey

sandy-skeletal, mixed, mesic
Dix

course-silty, mixed, mesic
Bridgeport

fine-silty, mixed, mesic
Cedarpass, Tilford

fine, mixed, mesic
Buffington

fine, montmorillonitic, mesic
Cactusflat

very-fine, montmorillonitic, mesic
Metre

Pachic Haplustolls

coarse-loamy, mixed, mesic
Blendon, Carthage, Vetal

fine-loamy, mixed, mesic
Bonilla, Davis

fine-loamy over sandy or sandy-skeletal, mixed, mesic
Dimo, Enet

fine-silty, mixed, mesic
Duroc, Eltree, Graceville, Trent, Viborg, Yankton
fine, montmorillonitic, mesic
Benclare

Torrifluventic Haplustolls
fine, montmorillonitic, mesic
Frazerton

fine-loamy, mixed, mesic
Colombo

Udorthentic Haplustolls
sandy, mixed, mesic
Thurman

sandy-skeletal, mixed, mesic
Talmo

fine-loamy, mixed, mesic
Shindler

Udic Haplustolls
coarse-loamy, mixed, mesic
Henkin

fine-loamy, mixed, mesic
Flandreau, Grovena

fine-silty, mixed, mesic
Egan, Moody, Nora, Wentworth

fine-silty over sandy or sandy-skeletal, mixed, mesic
Dempster

fine, montmorillonitic, mesic
Corson, Huntimer

Vertic Haplustolls
fine, montmorillonitic, mesic
Artesian, Boyd

very-fine, montmorillonitic, mesic
Opal, Promise

Typic Natrustolls
fine-loamy, mixed, mesic
Whitelake

fine, montmorillonitic, mesic
Beckton, Cavo, Degrey, Dudley, Farmsworth, Mosher, Wortman
Glossic Natrustolls
  fine, montmorillonitic, mesic
  Demky, Stickney, Walke

Leptic Natrustolls
  fine, montmorillonitic, mesic
  Gayville, Jerauld, Weta
  very-fine, montmorillonitic, mesic
  Hurley

Aridic Paleustolls
  fine, mixed, mesic
  Dawes

Vertic Paleustolls
  very-fine, montmorillonitic, mesic
  Carter