Web Soil Survey

Access the WSS site at [http://websoilsurvey.nrcs.usda.gov/app/](http://websoilsurvey.nrcs.usda.gov/app/) to view soils maps and various soil interpretations or reports. The WSS allows you to create and download maps and tables of an entire Soil Survey Area (county), or a smaller (100,000 acres or less) Area of Interest (AOI) in a PDF format. Spatial files and the associated soil databases can also be downloaded.

Instructions for generating reports in WSS are located at the Web site. The instructions explain how to navigate to an area of your choice. After selecting an AOI, click the Soil Data Explorer tab to access the inner tabs:

- Intro to Soils – A general description of the soil survey, interpretations, and their use.
- Suitabilities and Limitations for Use - Interpretations of soil data for a wide variety of agricultural, construction, and environmental uses.
- Soil Properties and Qualities – Physical and Chemical properties of the soil.
- Ecological Site Assessment – Detailed information on the Ecological Sites in an AOI.
- Soil Reports – Generates Soil Reports of interpretations and soil properties for the defined AOI.
Web Soil Survey Tables and Reports

Suitabilities and Limitations for Use

Building Site Development
  Corrosion of Concrete
  Corrosion of Steel
  Dwellings With Basements
  Dwellings Without Basements
  Lawns, Landscaping, and Golf Fairways
  Local Roads and Streets
  Shallow Excavations

Construction Materials
  Gravel Source (MN)
  Sand Source (MN)
  Source of Reclamation Material
  Topsoil Source

Disaster Recovery Plan
  Catastrophic Mortality-Large Animal Disposal, Pit
  Catastrophic Mortality-Large Animal Disposal, Trench

Land Classifications
  Conservation Tree and Shrub Group
  Ecological Site ID
  Ecological Site Name

Land Management

Military Operations

Recreational Development
  Camp Areas
  Off-Road Motorcycle Trails
  Paths and Trails
  Picnic Areas
  Playgrounds

Sanitary Facilities
  Daily Cover for Landfill
  Sanitary Landfill (Area)
  Sanitary Landfill (Trench)
  Septic Tank Absorption Fields
  Sewage Lagoons

Vegetative Productivity
  Crop Productivity Index
  Range Production

Waste Management
  Manure and Food Processing Waste
Water Management
   Excavated Ponds
   Pond Reservoir Areas

Soil Properties and Qualities
   Soil Chemical Properties

Soil Erosion

Soil Physical Properties

Soil Qualities and Features

Water Features
   Depth to Water Table
   Flooding Frequency Class
   Ponding

Soil Reports
   AOI Inventory
      Component Legend
      Component Text
      Map Unit Description
      Map Unit Description (Brief)
      Map Unit Description (Brief, Generated)
      Selected Survey Area Interpretation Descriptions
      Survey Area Data Summary

Building Site Development
   Dwellings and Small Commercial Buildings
   Roads and Streets, Shallow Excavations, and Lawns and Landscaping

Construction Materials

Land Classifications
   Conservation Tree and Shrub Suitability Groups
   Hydric Soils
   Land Capability Classification
   Prime and Other Important Farmlands

Land Management

Recreational Development
   Camp Areas, Picnic Areas, and Playgrounds
   Paths, Trails, and Golf Fairways

Sanitary Facilities
   Landfills
   Sewage Disposal

Soil Chemical Properties
   Chemical Soil Properties

Soil Erosion
   RUSLE2 Related Attributes
Soil Physical Properties
   Engineering Properties
   Physical Soil Properties

Soil Qualities and Features
   Soil Features

Vegetative Productivity
   Rangeland Productivity

Waste Management
   Large Animal Carcass Disposal

Water Features
   Water Features

Water Management
   Ponds and Embankments