

## Soils Information for [Billings County](#)

Tabular soils data may be obtained from the NRCS Electronic Field Office Technical Guide (eFOTG) and is available as follows:

**Stored reports** are reports currently not available from either the Soil Data Mart (SDM) or the Web Soil Survey (WSS). They contain soil data for an entire soil survey area. These reports are located in the eFOTG – Section II – Soil Information by county subfolder and include the following:

- Frozen HEL List - County Name
- Interpretive Table – County Name
- Irrigation Table - County Name
- Potential Cropland Limitations and Hazard – County Name

**Electronic reports** are available at the following sites:

Access the **Soil Data Mart (SDM)** site at <http://soildatamart.nrcs.usda.gov/> to download geospatial data for use in ArcGIS or to obtain soil interpretations or reports without an accompanying map.

Access the **Web Soil Survey (WSS)** site at <http://websoilsurvey.nrcs.usda.gov/app/> to view soils maps and various soil interpretations or reports. WSS allows you to create and download maps of less than 10,000 acres in a PDF format.

**Instructions for generating electronic SDM or WSS reports are listed below. Clicking on the county name in the table header will access the proper site to begin generating reports:**

### Soil Data Mart

1. Navigate to the SDM report generator by clicking on the county name.
2. Select the map unit(s) of interest or click the “Select All” button for all map units.
3. Select the report you would like to generate by clicking on the drop-down arrow.
4. **Note:** The “View Description” button to the left of the report titles gives a narrative description of the reports contents. Check the “Include Description” box below the report title to include a narrative description in the generated report.
4. Minor soils may be included in the report by checking the “Include Minor Soils” box below the report title.
5. Click the “Generate Report” button. The report will display as a PDF file which may be viewed, printed, or saved.

### Web Soil Survey

Instructions for generating reports in WSS are located at the following site:

<http://websoilsurvey.nrcs.usda.gov/app/> . By following these instructions you will have navigated to an area of your choice and selected an area of interest (AOI) that is less than 10,000 acres. Click the Soil Data Explorer tab to access the inner tabs. **From the following three tabs, you may select a category and a sub-category for the electronic reports shown on the WSS portion of the Table on pages 2 and 3.**

- \* **Suitabilities and Limitation for Use**
- \*\* **Soil Properties and Qualities**
- \*\*\* **Soil Reports**

The following electronic reports for Billings County are available on the SDM or the WSS:

<b>Soil Data Mart (SDM) <a href="#">Billings County</a></b>	<b>Web Soil Survey (WSS) <a href="#">Billings County</a></b>
Acres and Proportionate Extent of the Soils	NA
Acres and Proportionate Extent of the Soils by County	NA
Camp Areas, Picnic Areas, and Playgrounds	<b>*Recreational Development</b>
Chemical Soil Properties	<b>*Soil Chemical Properties</b>
Component Legend	<b>***AIO Inventory - Component Legend</b>
Component Text	<b>***AIO Inventory - Component Text</b>
Dwellings and Small Commercial Buildings <b>Note:</b> North Dakota excludes the "Small Commercial Buildings" interpretation from its exports at this time.	<b>***Building Site Development - Dwellings and Small Commercial Buildings</b>
Engineering Properties	<b>***Soil Physical Properties - Engineering Properties</b>
Hydric Soils	<b>*Land Classification – Hydric Rating by Map Unit</b>
Land Capability Classification	<b>*Land Classification – Nonirrigated Capability Subclass</b>
Landfills	<b>***Sanitary Landfills - Landfills</b>
Large Animal Carcass Disposal	<b>***Waste Management - Large Animal Carcass Disposal</b>
Map Unit Description	<b>***AIO Inventory - Map Unit Description</b>
Map Unit Description (Brief)	<b>***AIO Inventory - Map Unit Description (Brief)</b>
Map Unit Description (Brief, Generated)	<b>***AIO Inventory - Map Unit Description (Brief, Generated)</b>
Map Unit Legend	<b>***AIO Inventory - Map Unit Legend</b>
Map Unit Text	<b>***AIO Inventory - Map Unit Text</b>
Paths, Trails, and Golf Fairways <b>Note:</b> North Dakota excludes the "Golf Fairways" interpretation from its exports at this time	<b>***Recreational Development - Paths, Trails, and Golf Fairways</b>
Physical Soil Properties	<b>**Soil Physical Properties - Physical Soil Properties</b>
Ponds and Embankments	<b>***Water Management - Ponds and Embankments</b>
Prime and other Important Farmlands	<b>*Land Classification – Farmland Classification</b>
RUSLE2 Related Attributes	<b>***Soil Erosion - RUSLE2 Related Attributes</b>
Selected Soil Interpretations	
DHS - Catastrophic Mortality-Large Animal Disposal, Pit	<b>*Disaster Recovery Planning - Catastrophic Mortality-Large Animal Disposal, Pit</b>
DHS - Catastrophic Mortality-Large Animal Disposal, Trench	<b>*Disaster Recovery Planning - Catastrophic Mortality-Large Animal Disposal, Trench</b>
ENG - Construction Materials - Gravel Source (MN)	<b>Construction Materials – Gravel Source MN</b>
ENG - Construction Materials; Sand Source	<b>*Construction Materials - Sand Source</b>

<b>Soil Data Mart (SDM) <a href="#">Billings County</a></b>	<b>Web Soil Survey (WSS) <a href="#">Billings County</a></b>
ENG - Construction Materials; Topsoil	<b>*Construction Materials</b> - Topsoil
ENG - Daily Cover for Landfill	<b>*Sanitary Facilities</b> – Daily Cover for Landfill
ENG - Dwellings W/O Basements	<b>*Building Site Development</b> - Dwellings Without Basements
ENG - Dwellings With Basements	<b>*Building Site Development</b> - Dwellings With Basements
ENG - Sanitary Landfill (Area)	<b>*Sanitary Facilities</b> - Sanitary Landfill (Area)
ENG - Sanitary Landfill (Trench)	<b>*Sanitary Facilities</b> - Sanitary Landfill (Trench)
ENG - Septic Tank Absorption Fields	<b>*Sanitary Facilities</b> - Septic Tank Absorption Fields
ENG - Sewage Lagoons	<b>*Sanitary Facilities</b> - Sewage Lagoons
Nitrogen Loss Potential (ND)	NA
URB/REC - Camp Areas	<b>*Recreational Development</b> - Camp Areas
URB/REC - Off-Road Motorcycle Trails	<b>*Recreational Development</b> - Off-Road Motorcycle Trails
URB/REC - Paths and Trails	<b>*Recreational Development</b> - Paths and Trails
URB/REC - Picnic Areas	<b>*Recreational Development</b> - Picnic Areas
URB/REC - Playgrounds	<b>*Recreational Development</b> - Playgrounds
WMS - Embankments, Dikes, and Levees	<b>*Water Management</b> - Embankments, Dikes, and Levees
WMS - Excavated Ponds (Aquifer-fed)	<b>*Water Management</b> - Excavated Ponds (Aquifer-fed)
WMS - Pond Reservoir Area	<b>*Water Management</b> - Pond Reservoir Area
Selected Survey Area Interpretation Descriptions	<b>Selected Survey Area Interpretation Descriptions</b> - Selected Survey Area Interpretation Descriptions
Sewage Disposal	<b>***Sanitary Facilities</b> - Sewage Disposal
Soil Features	<b>***Soil Qualities and Features</b> - Soil Features
Source of Reclamation Material, Roadfill, and Topsoil <b>Note:</b> North Dakota excludes the “Potential as a Source of Reclamation Material” and “Potential as a Source of Roadfill” interpretations from its exports at this time.	<b>***Construction Materials</b> - Source of Reclamation Material, Roadfill, and Topsoil
Source of Sand and Gravel <b>Note:</b> North Dakota excludes the National “Potential as a Source of Gravel” interpretation from its exports at this time	<b>***Construction Materials</b> - Source of Sand and Gravel
Survey Area Data Summary	<b>***AIO Inventory</b> - Survey Area Data Summary
Taxonomic Classification of the Soils	<b>***Land Classification</b> - Taxonomic Classification of the Soils
Water Features	<b>**Water Features</b>

**Soil Data Mart Account:** A Soil Data Mart account will allow you to subscribe to soil survey areas. If you have a subscription to a soil survey area, you will receive an e-mail notification any time the soil survey area is updated. To set up a SDM account, click on [Login/Register](#) in the upper right hand corner of the SDM window. After registering, navigate to the State and survey area and click on the **subscribe** button.

Questions may be directed to Steve Sieler, State Soil Liaison, (701) 530-2019 or email [steve.siel@nd.usda.gov](mailto:steve.siel@nd.usda.gov).