

Web Soil Survey Reports Directory:

The following document provides an abbreviated directory to locate specific soils reports in Web Soil Survey. Once you have selected your desired Area of Interest, click on the “Soil Data Explorer” at the top of WSS, and then click on “Suitabilities and Limitations for Use”, “Soil Properties and Qualities”, or “Soil Reports” tab. A Search Box is also available for quick navigation using keywords (illustrated below).

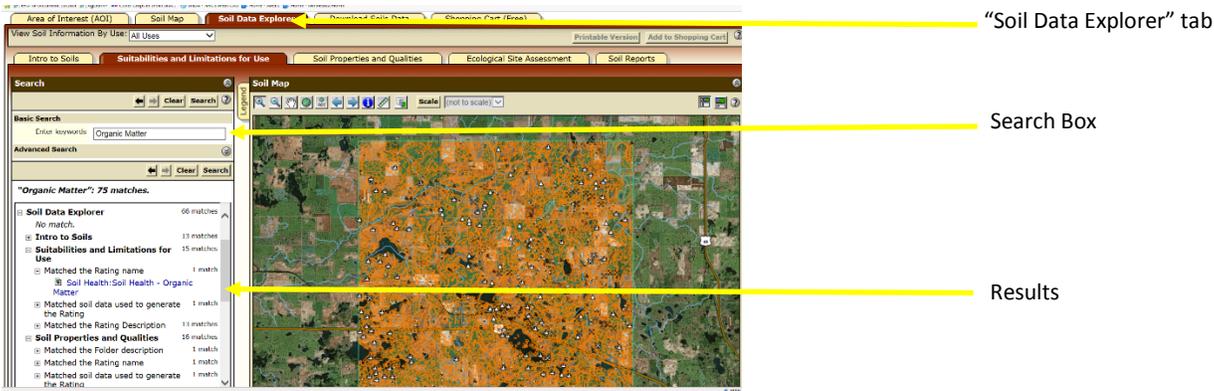


Figure 1- Search Box

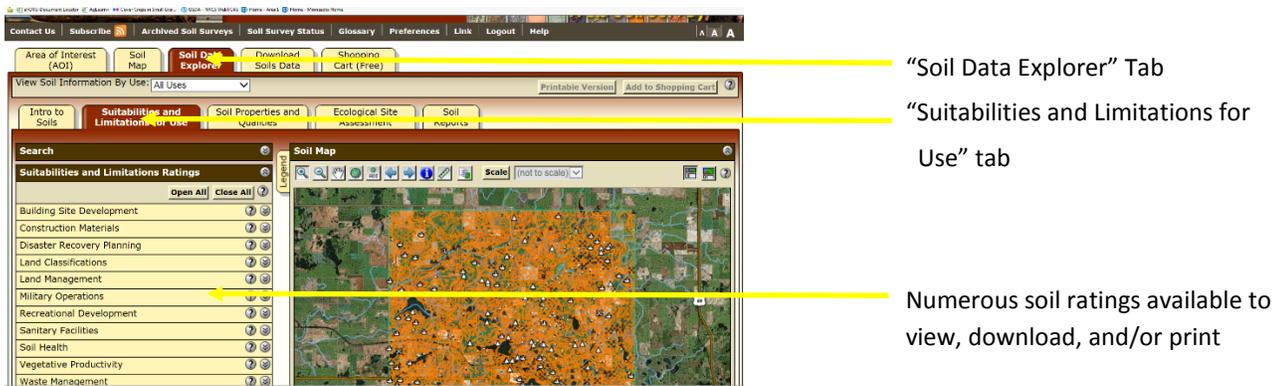


Figure 2- Suitabilites and Limitations for Use

- **Suitabilities and Limitations for Use**
 - Building Site Development
 - Corrosion of Concrete
 - Corrosion of Steel
 - Dwellings with Basements
 - Dwelling without Basements
 - Lawns, Landscaping, and Golf Fairways
 - Local Roads and Streets
 - Shallow Excavations
 - Small Commercial Buildings
 - Unpaved Local Roads and Streets
 - Construction Materials
 - Cohesive Soil Liner (MN)

- Gravel Source
- Gravel Source (MN)
- Roadfill Source
- Sand Source
- Sand Source (MN)
- Source of Reclamation Material
- Topsoil Source

- Disaster Recovery Planning
 - Catastrophic Mortality, Large Animal Disposal, Pit
 - Catastrophic Mortality, Large Animal Disposal, Trench
 - Clay Liner Material Source
 - Composting Facility- Subsurface
 - Composting Facility- Surface
 - Composting Medium and Final Cover
 - Large Animal Disposal, Pit (MN)
 - Rubble and Debris Disposal, Large-Scale Event

- Land Classifications
 - Conservation Tree and Shrub Group
 - Ecological Site ID
 - Ecological Site Name
 - Farmland Classification
 - Hydric Rating by Map Unit
 - Irrigated Capability Class
 - Irrigated Capability Subclass
 - National Commodity Crop Productivity Index v2
 - NH Forest Soil Group
 - Nonirrigated Capability Class
 - Nonirrigated Capability Subclass
 - Soil Taxonomy Classification

- Land Management
 - Construction Limitations for Haul Roads and Log Landings
 - Erosion Hazard (Off-Road, Off Trail)
 - Erosion Hazard (Road, Trail)
 - Fencing, Post Depth 24 Inches or Less
 - Fencing, Post Depth 36 Inches or Less
 - Ground Penetrating Radar Penetration
 - Harvest Equipment Operability
 - Mechanical Site Preparation (Deep)
 - Mechanical Site Preparation (Surface)
 - Potential for Damage by Fire
 - Potential for Seedling Mortality
 - Soil Rutting Hazard
 - Suitability for Hand Plantings
 - Suitability for Log Landings
 - Suitability for Mechanical Planting
 - Suitability for Roads (Natural Surface)

- Military Operations
 - Bivouac Areas

- Excavations for Crew-Served Weapon Fighting Positions
 - Excavations for Individual Fighting Positions
 - Excavations for Vehicle Fighting Positions
 - Helicopter Landing Zones
 - Vehicle Trafficability, Type 1, 1 Pass, Wet Season
 - Vehicle Trafficability, Type 1, 50 Passes, Wet Season
 - Vehicle Trafficability, Type 1, Dry Season
 - Vehicle Trafficability, Type 2, 1 Pass, Wet Season
 - Vehicle Trafficability, Type 2, 50 Passes, Wet Season
 - Vehicle Trafficability, Type 2, Dry Season
 - Vehicle Trafficability, Type 3, 1 Pass, Wet Season
 - Vehicle Trafficability, Type 3, 50 Passes, Wet Season
 - Vehicle Trafficability, Type 3, Dry Season
 - Vehicle Trafficability, Type 4, 1 Pass, Wet Season
 - Vehicle Trafficability, Type 4, 50 Passes, Wet Season
 - Vehicle Trafficability, Type 4, Dry Season
 - Vehicle Trafficability, Type 5, 1 Pass, Wet Season
 - Vehicle Trafficability, Type 5, 50 Passes, Wet Season
 - Vehicle Trafficability, Type 5, Dry Season
 - Vehicle Trafficability, Type 6, 1 Pass, Wet Season
 - Vehicle Trafficability, Type 6, 50 Passes, Wet Season
 - Vehicle Trafficability, Type 6, Dry Season
 - Vehicle Trafficability, Type 7, 1 Pass, Wet Season
 - Vehicle Trafficability, Type 7, 50 Passes, Wet Season
 - Vehicle Trafficability, Type 7, Dry Season
- Recreational Development
 - Camp Areas
 - Off-Road Motorcycle Trails
 - Paths and Trails
 - Picnic Areas
 - Playgrounds
- Sanitary Facilities
 - Aquifer Assessment
 - Daily Cover for Landfill
 - Sanitary Landfill (Area)
 - Sanitary Landfill (Trench)
 - Septage Application- Incorporation or Injection (MN)
 - Septage Application- Surface (MN)
 - Septic Tank Absorption Fields
 - Septic Tank Absorption Fields- At-Grade (MN)
 - Septic Tank Absorption Fields- Mound (MN)
 - Septic Tank Absorption Fields- Trench (MN)
 - Sewage Lagoons
 - Soil-Based Residential Wastewater Disposal Ratings (VT)
- Soil Health
 - Soil Health- Organic Matter
- Vegetation Productivity
 - Crop Productivity Index

- Forest Productivity (Cubic Feet per Acre per Year)
 - Forest Productivity (Tree Site Index)
 - Iowa Corn Suitability Rating CSR2 (IA)
 - Range Production (Favorable Year)
 - Range Production (Normal Year)
 - Range Production (Unfavorable Year)
 - Yields of Irrigated Crops (Component)
 - Yields of Irrigated Crops (Map Unit)
 - Yields of Non-Irrigated Crops (Component)
 - Yields of Non-Irrigated Crops (Map Unit)
- Waste Management
 - Disposal of Wastewater by Irrigation
 - Disposal of Wastewater by Rapid Infiltration
 - Land Application of Municipal Sewage Sludge
 - Manure and Food-Processing Waste
 - Overland Flow Treatment of Wastewater
 - Sensitive Soils for Nutrient Management (MN)
 - Slow Rate Treatment of Wastewater
- Water Management
 - Embankments, Dikes, and Levees
 - Excavated Ponds (Aquifer-Fed)
 - Irrigation, General
 - Irrigation, Micro (Above Ground)
 - Irrigation, Micro (Subsurface Drip)

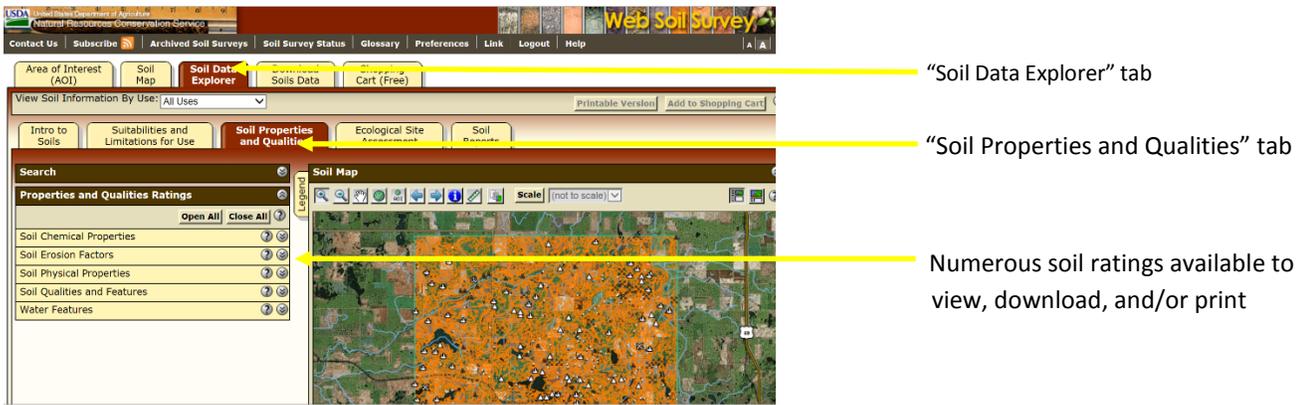


Figure 3-Soil Properties and Qualities

- **Soil Properties and Qualities**

- Soil Chemical Properties
 - Calcium Carbonate (CaCO₃)
 - Cation-Exchange Capacity (CEC-7)
 - Effective Cation-Exchange Capacity (ECEC)
 - Electrical Conductivity (EC)
 - Gypsum
 - pH (1 to 1 Water)

- Sodium Absorption Ratio (SAR)
- Soil Erosion Factors
 - K Factor, Rock Free
 - K Factor, Whole Soil
 - T Factor
 - Wind Erodibility Group
 - Wind Erodibility Index
- Soil Physical Properties
 - Available Water Capacity
 - Available Water Storage
 - Available Water Supply, 0 to 100 cm
 - Available Water Supply, 0 to 150 cm
 - Available Water Supply, 0 to 25 cm
 - Available Water Supply, 0 to 50 cm
 - Bulk Density, 15 Bar
 - Bulk Density, One-Tenth Bar
 - Bulk Density, One-Third Bar
 - Linear Extensibility
 - Liquid Limit
 - Organic Matter
 - Percent Clay
 - Percent Sand
 - Percent Silt
 - Plasticity Index
 - Saturated Hydraulic Conductivity (Ksat)
 - Saturated Hydraulic Conductivity (Ksat), Standard Classes
 - Surface Texture
 - Water Content, 15 Bar
 - Water Content, One-Third Bar
- Soil Qualities and Features
 - AASHTO Group Classification (Surface)
 - Depth to a Selected Soil Restrictive Layer
 - Depth to Any Soil Restrictive Layer
 - Drainage Class
 - Frost Action
 - Frost-Free Days
 - Hydrologic Soil Group
 - Map Unit Name
 - Parent Material Name

- Representative Slope
- Unified Soil Classification (Surface)
- Water Features
 - Depth to Water Table
 - Flooding Frequency Class
 - Ponding Frequency Class

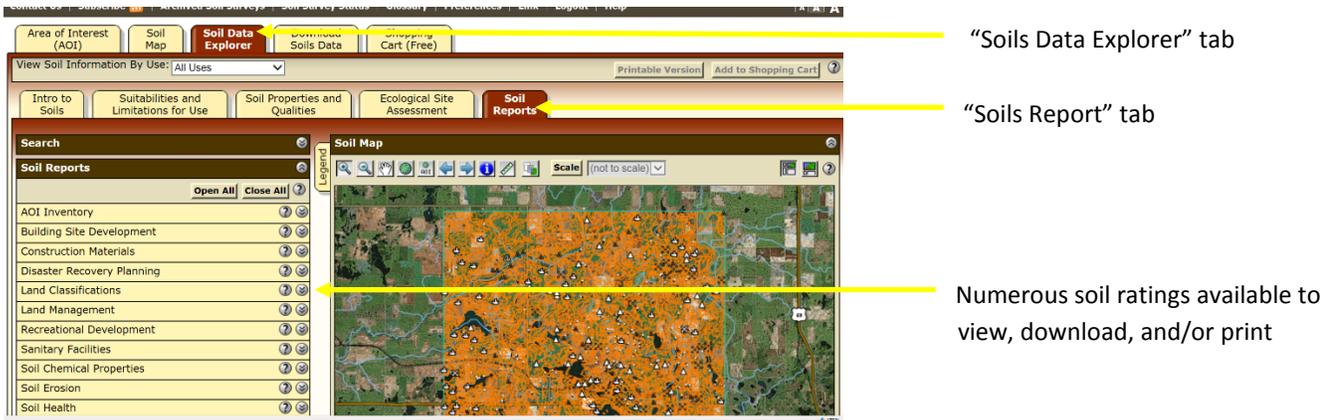


Figure 4- Soil Reports

- **Soil Reports**

- AOI Inventory
 - Component Description (Nontechnical)
 - Component Legend
 - Descripción de la Unidad de Mapa
 - Descripción de la Unidad de Mapa (Brevem Generada)
 - Legend
 - Map Unit Description (Brief)
 - Map Unit Description (Brief, generated)
 - Selected Soil Interpretations
 - Survey Area Data Summary
 - Survey Area Map Unit Symbols and Names
 - Water Quality Index (WQI) Soil Factors
- Building Site Development
 - Dwellings and Small Commercial Buildings
 - Roads and Streets, Shallow Excavations, and Lawns and Landscaping
- Construction Materials
 - Cohesive Soil Liner (MN)
 - Source of Reclamation Material, Roadfill, and Topsoil

- Source of Sand and Gravel (MN)
 - Disaster Recovery Planning
 - AWM-Large Animal Disposal, Pit
 - Land Classifications
 - Conservation Tree and Shrub Suitability Groups
 - Forage Suitability Groups
 - Hydric Soil List – All Components
 - Hydric Soils
 - Land Capability Classification
 - NCCPI Overall
 - Prime and other Important Farmlands
 - Taxonomic Classification of the Soils
 - Land Management
 - Damage by Fire and Seedling Mortality on Forestland
 - Forestland Planting and Harvesting
 - Forestland Site Preparation
 - Haul Roads, Log Landings, and Soil Rutting on Forestland
 - Hazards of Erosion and Suitability for Roads on Forestland
 - Recreational Development
 - Camp Areas, Picnic Areas, and Playgrounds
 - Paths, Trails, and Golf Fairways
 - Sanitary Facilities
 - Aquifer Assessment (MN)
 - Landfills
 - Septage Application- Incorporation or Injection (MN)
 - Septage Application- Surface (MN)
 - Septic Tank Absorption Fields (MN)
 - Soil Chemical Properties
 - Chemical Soil Properties
 - Soil Erosion
 - Conservation Planning
 - RUSLE2 Related Attributes
 - Windbreaks and Environmental Plantings
 - Soil Health
 - Soil Quality- Bulk Density
 - Soil Quality- Organic Matter
 - Soil Physical Properties
 - Engineering Properties
 - Engineering Properties (MN)
 - Particle Size and Coarse Fragments
 - Physical Soil Properties
 - Soil Qualities and Features

- Soil Features
- Vegetative Productivity
 - Irrigated and Nonirrigated Yields by Map Unit Component
 - Irrigated Yields by Map Unit
 - Irrigated Yields by Map Unit Component
 - Map Unit Cropland Productivity Report (MN)
 - Nonirrigated Yields by Map Unit
 - Nonirrigated Yields by Map Unit Component
 - Rangeland and Forest Vegetation Classification, Productivity, and Plant Composition
 - Rangeland Productivity
 - Rangeland Productivity and Plant Composition
- Waste Management
 - Agricultural Disposal of Manure, Food-Processing Waste, and Sewage Sludge
 - Agricultural Disposal of Wastewater by Irrigation and Overland Flow
 - Agricultural Disposal of Wastewater by Rapid Infiltration and Slow Rate Treatment
 - Large Animal Carcass Disposal
 - Sensitive Soils for Nutrient Management (MN)
- Water Features
 - Hydrologic Soil Group and Surface Runoff
 - Soil Moisture, Ponding, Flooding (MN)
 - Water Features
- Water Management
 - Irrigation- General and Sprinkler
 - Irrigation- Micro
 - Irrigation- Surface
 - Ponds and Embankments