

South Dakota Web Soil Survey Helpful Hint



How to Choose a Whole Soil Survey Area (County) in Web Soil Survey (WSS) and Generate County Reports

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Purpose: *Instructions on how to choose an Area of Interest (AOI) of a soil survey area (county) and generate county reports, such as a Rangeland Productivity identifying Ecological Site for wetlands.*

Instructions/Steps:

- 1) Open the WSS site at <http://websoilsurvey.nrcs.usda.gov> and click the “**Start WSS**” button.



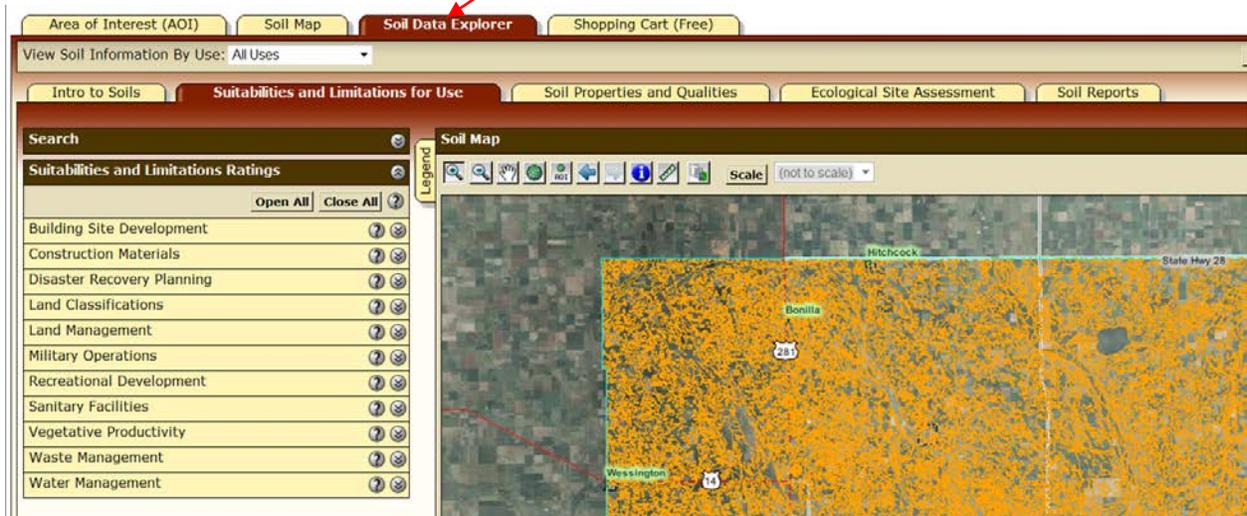
- 2) Use the “**Area of Interest (AOI)**” tab to define your AOI for a soil survey area – Select “**Soil Survey Area**” – select “**State**” – select “**Soil Survey Area**” (use drop down menu) – select “**Set AOI.**”

The screenshot shows the WSS interface with the 'Area of Interest (AOI)' tab selected. The 'Soil Survey Area' section is expanded, showing a table of soil survey areas. A red arrow points from the 'Set AOI.' button in the 'Soil Survey Area' section to the 'Set AOI.' button in the 'Soil Survey Area' section.

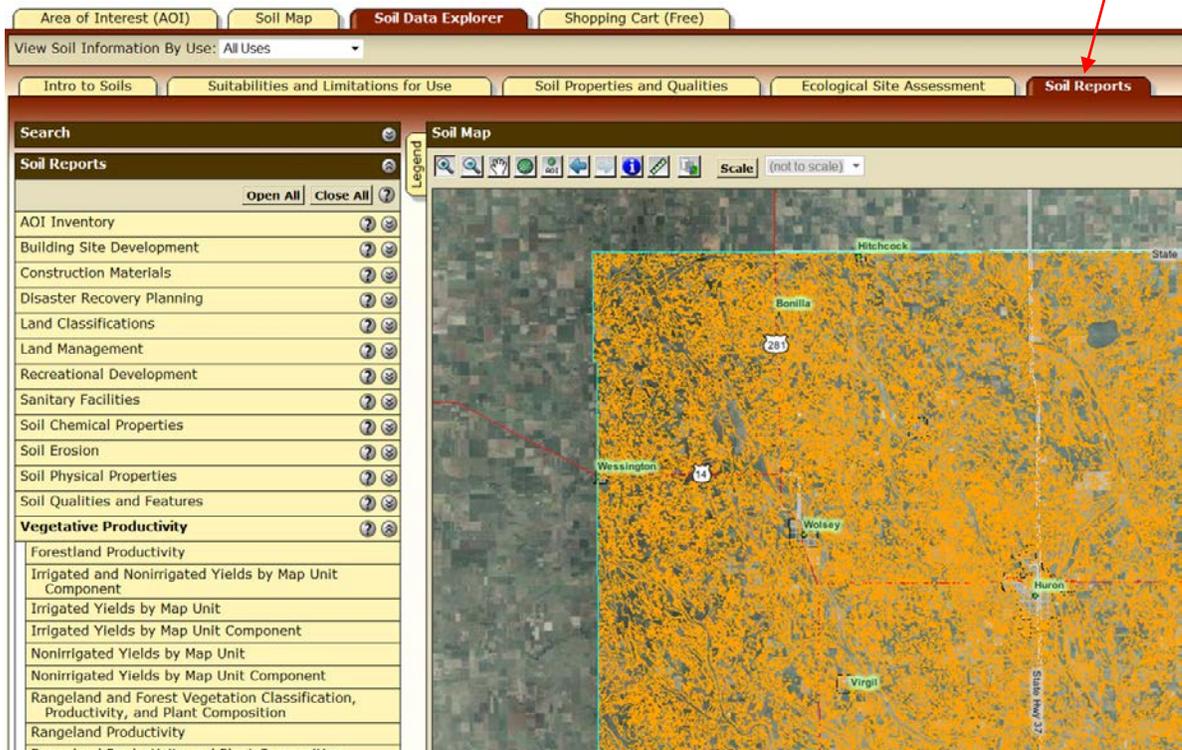
Name	Area Symbol	Data Availability	Version
Beadle County, South Dakota	SD005	Tabular and Spatial, complete	Survey Area: Version 14, Jun 22, 2012 Tabular: Version 13, Jun 22, 2012 Spatial: Version 3, Feb 8, 2010

This will create the AOI for an entire Soil Survey Area (County).

3) To Generate Reports – Select “Soil Data Explorer” tab.



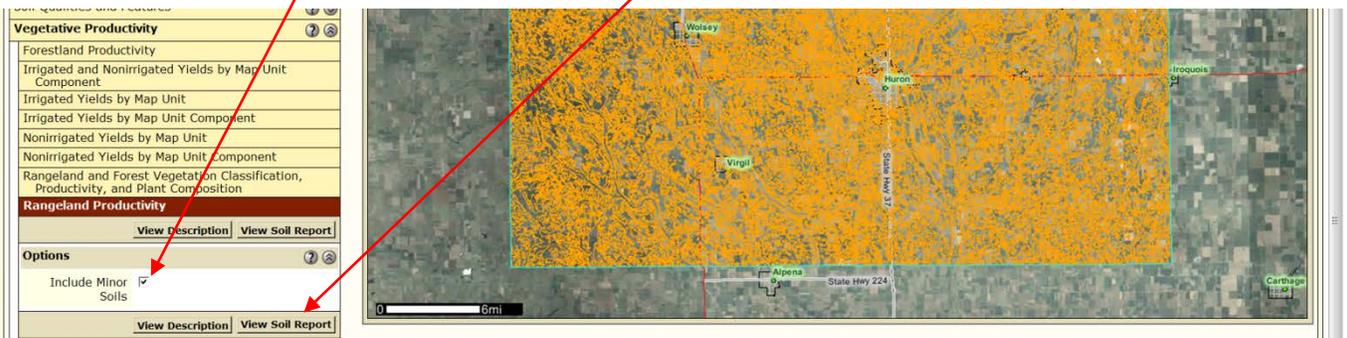
For example: To generate a report such as Rangeland Productivity to show the Ecological Site Descriptions (ESD) for a whole Soil Survey Area (County) – Select “Soil Reports.”



Select “Vegetative Productivity” - “Rangeland Productivity.”



Check “Include Minor Soils” - this will include all of the minor soils along with the major components for the report. Choose “View Soil Report.”



Report results showing the Ecological Site for ALL soils (major, minor, and included soil):

Report — Rangeland Productivity				
Beadle County, South Dakota				
Map unit symbol and soil name	Ecological site	Total dry-weight production		
		Favorable year <i>Lb/ac</i>	Normal year <i>Lb/ac</i>	Unfavorable year <i>Lb/ac</i>
Ao—Worthing silt loam, ponded				
Worthing	—	—	—	—
BaA—Beadle loam, 0 to 2 percent slopes				
Beadle	Clayey	3,400	2,600	1,800
Dudley	Claypan	2,600	2,000	1,400
Hoven	Closed Depression	4,500	3,500	2,000
Jerauld	Thin Claypan	1,800	1,300	800
Stickney	Clayey	3,400	2,600	1,800
Tetonka	Wet Meadow	5,000	4,200	3,500
BaB—Beadle loam, 2 to 6 percent slopes				
Beadle	Clayey	3,400	2,600	1,800

To print the report – “**Printable Version**” (upper right hand corner of screen). Click “View.” This will create a .pdf that you can either open and print or save it.

