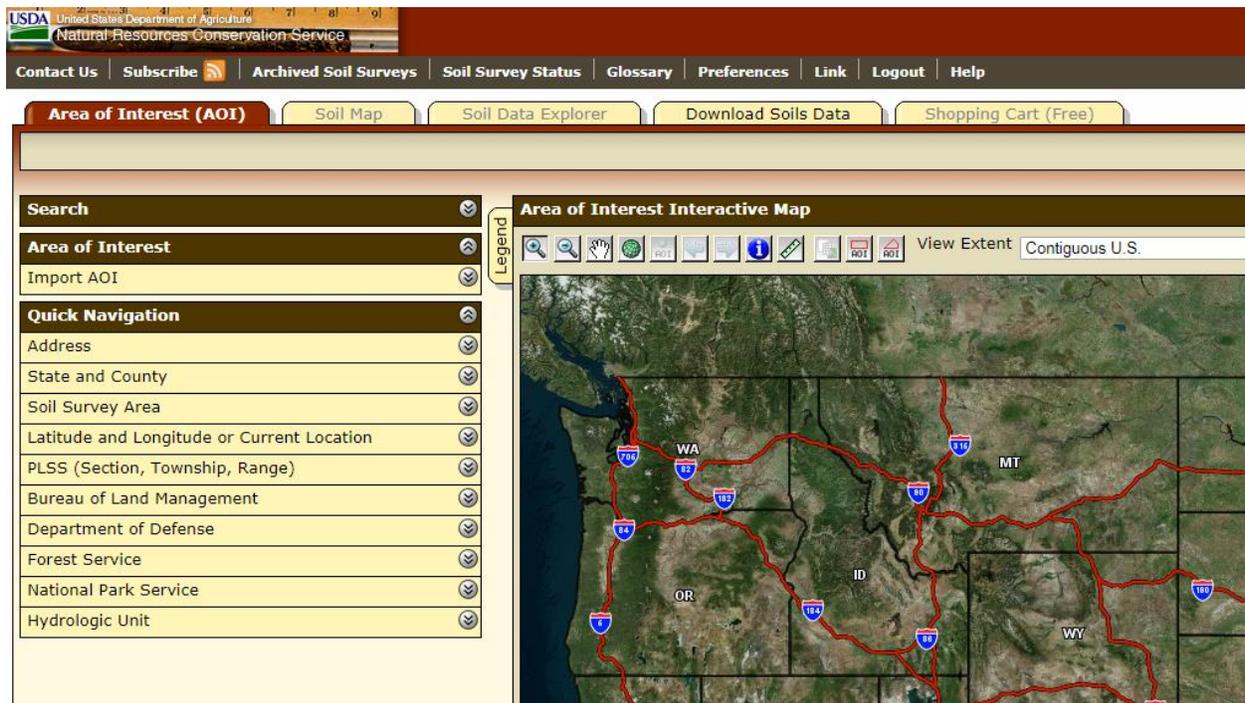


Creating a Soil Map

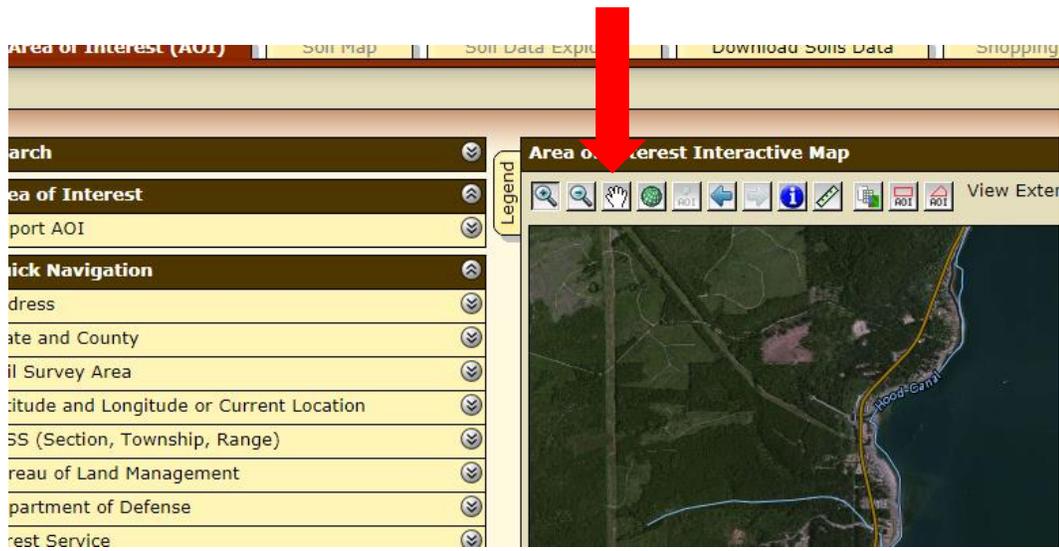
1. Go to <https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm>
2. Click the green button “Start WSS”.



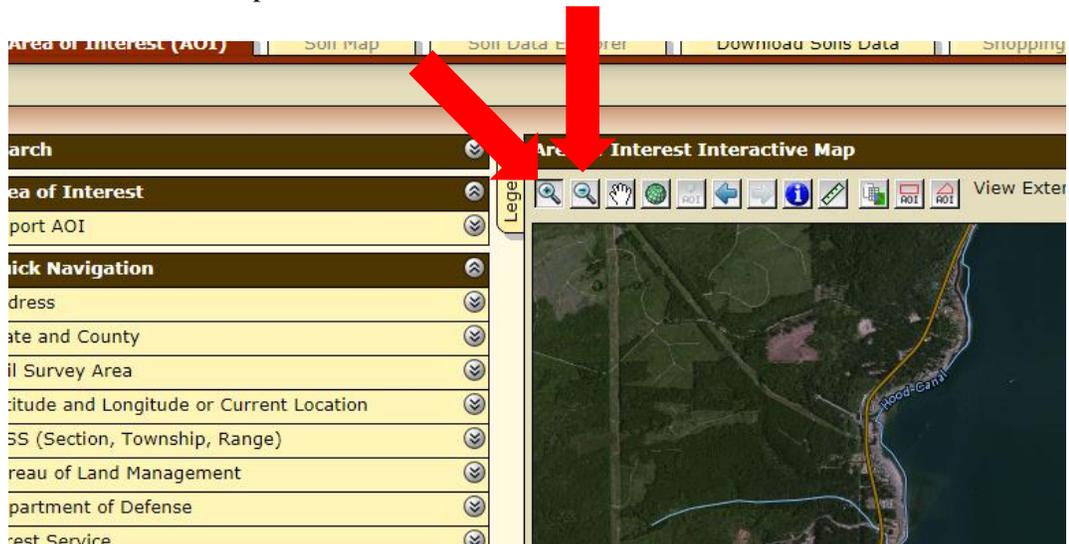
3. Once the “Start WSS” is selected, it will redirect you to the main soil map page “Area of Interest Interactive Map”. (see below)



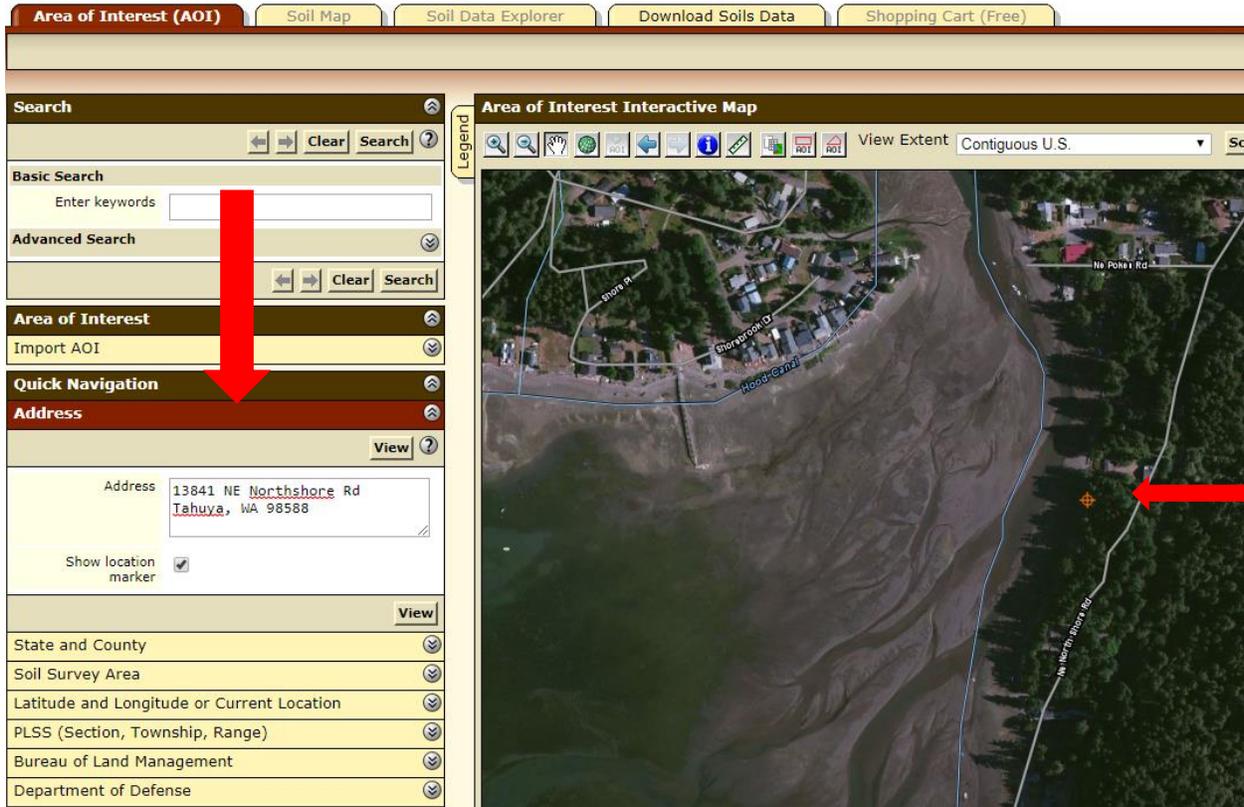
4. There are two ways to search for your property:
 - A. On the map you will be able to zoom in to your subject property. Start by selecting Washington with the cross-air cursor, click and draw a box on the area you want to zoom to. Keep doing so until you have located the approximate area of your subject property.
 - If you do not see your property try utilizing the 'pan' button on the map. You will be able to grab the map and drag it left, right, up or down.



- If you have zoomed in too close or wish to zoom out, use either the zoom in or zoom out button on the map.

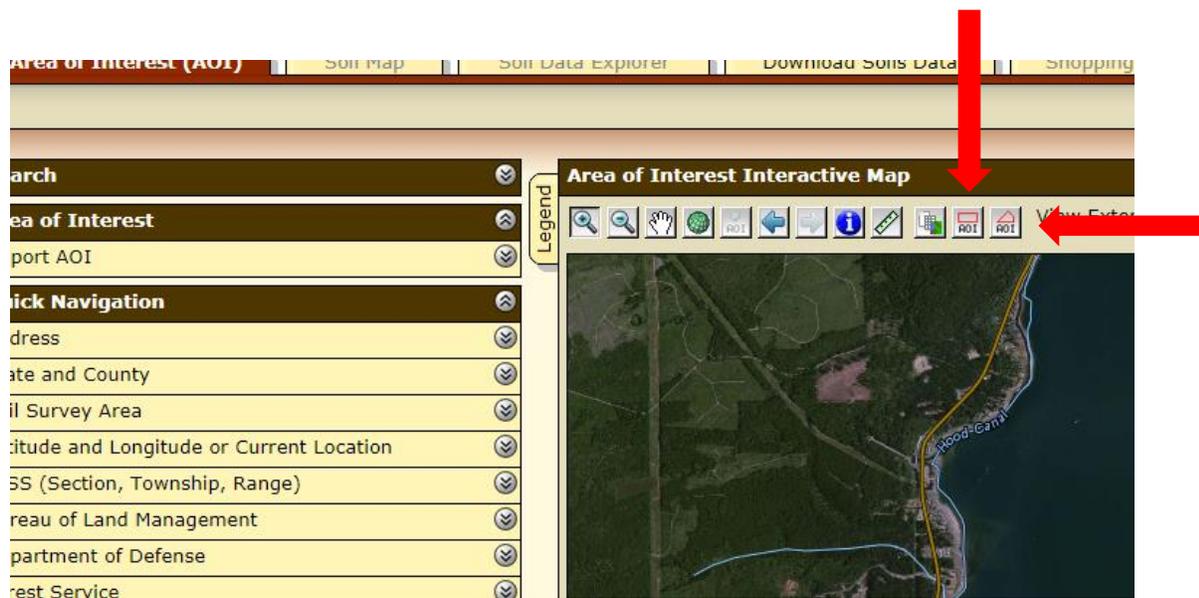


- B.** If you are not sure where the property is located you can search by address using the drop down tabs to the left of the map.
- Under “Quick Navigation” you will find an option to search by address.
 - Click on the drop down labeled “Address”.
 - Enter the complete address and select “View”. It should show the location on the map with an orange cross-air.



- 5.** Once you have found your subject property you will now create the Area of Interest (AOI). At the top of the map you will see two buttons with red shapes labeled “AOI”. (see below)

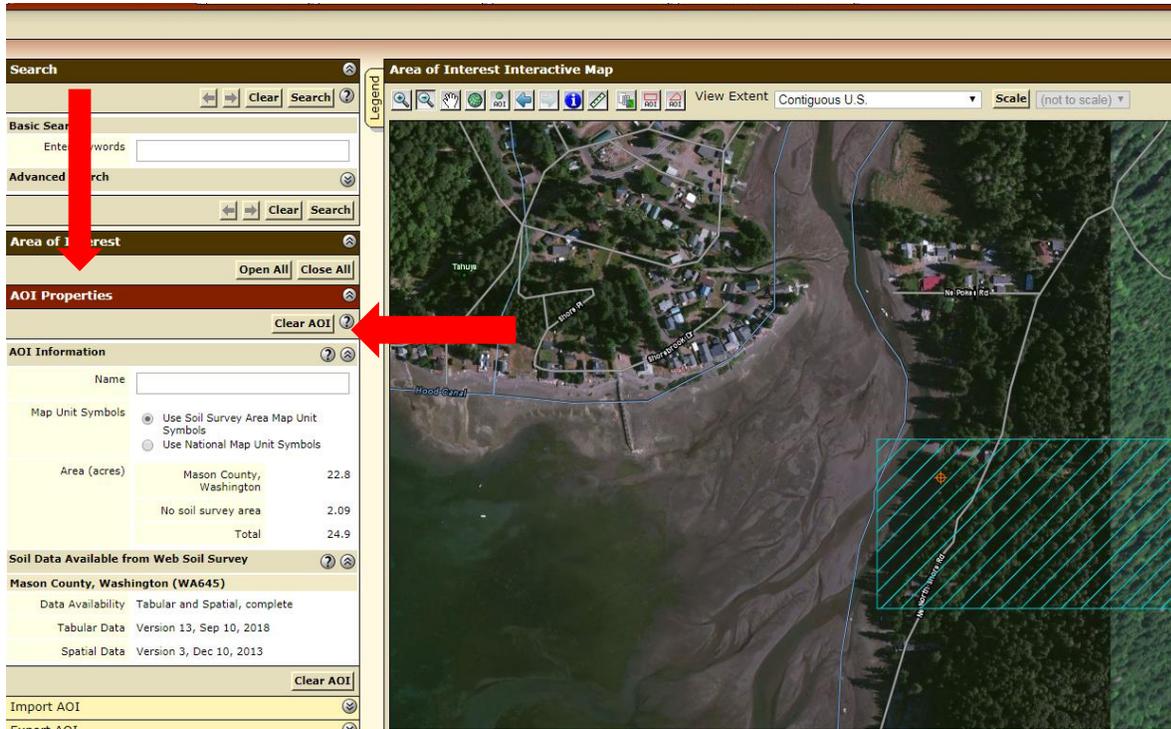




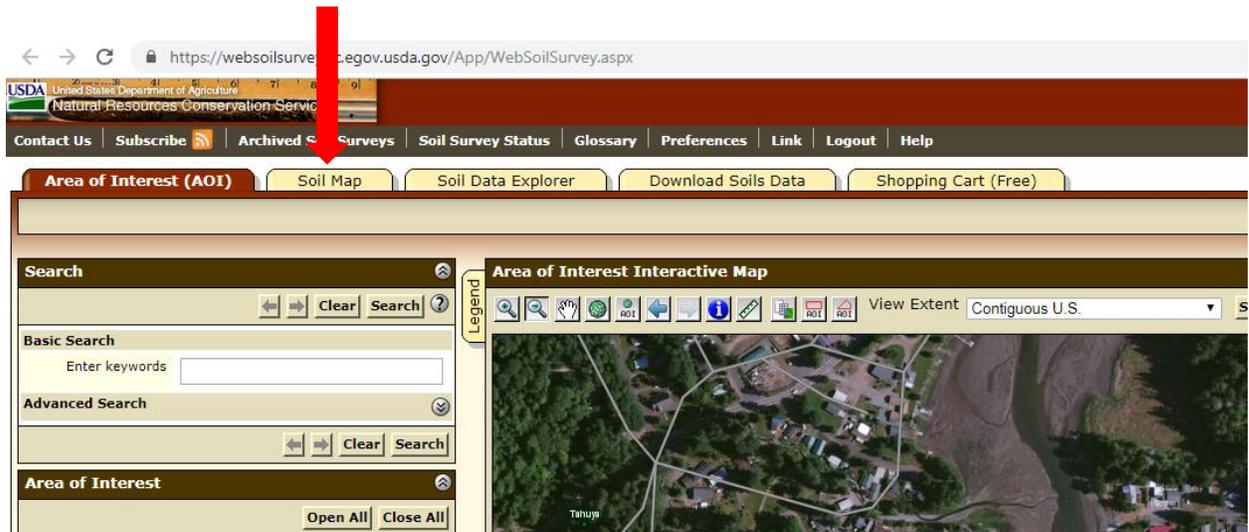
6. You can create a polygon or a rectangle, depending on the shape of the parcel. Select which shape you would like to draw, then drag the cursor over the map. You will left click to ‘drop a corner’, then drag the cursor over the approximate area of the property. A complete AOI should look like the example below.
 - If you are using the polygon AOI option, draw your shape and at the last point you will double click to close the polygon.



- If you need to redraw the AOI, on the left hand side of the map, you will find a drop down menu open labeled “AOI Properties”. You will find a button under this drop down labeled “Clear AOI”. This will clear the AOI you drew. From here you can follow step 6 again to draw another AOI.



7. You have now created the AOI and are ready to print your soil map. To do this, at the top of the screen you will see a few tabs. You want to click on the tab that says “Soil Map”.



8. This tab will tell you the type of soil and characteristics of the soil. You can also print from this screen. In the right hand corner you will see “Printable Version”, click this button.

The screenshot shows the 'Soil Map' interface. On the left, there is a search panel with 'Basic Search' and 'Advanced Search' fields. Below that is a 'Map Unit Legend' table for Mason County, Washington (WA645). The table lists two soil units: 'Eh' (Everett very gravelly sandy loam, 8 to 15 percent slopes) and 'Ek' (Everett very gravelly sandy loam, 15 to 30 percent slopes). The 'Totals for Area of Interest' row shows 24.9 acres and 100.0%.

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Eh	Everett very gravelly sandy loam, 8 to 15 percent slopes	5.5	22.0%
Ek	Everett very gravelly sandy loam, 15 to 30 percent slopes	17.3	69.6%
Totals for Area of Interest		24.9	100.0%

In the top right corner of the interface, there are two buttons: 'Printable Version' and 'Add to Shopping Cart'. A red arrow points to the 'Printable Version' button.

- A drop down will pop-up, you can select the map size or layout if needed, then select “View”.
- This will bring up a second window in which you can save the document to your computer or print.

The 'Printable Version Options' dialog box is open. It has a title bar with a question mark icon. The 'Report Options' section includes a 'Title' field with the text 'Soil Map; Mason County, Washington'. Below it is a 'Subtitle (optional)' section with three radio button options: 'Area of Interest Name: (none defined)', 'Custom Subtitle:' (with an empty text box), and 'None' (which is selected). The 'Map Options' section includes a 'Map Scale' dropdown set to 'Fit to page', a 'Printed Sheet Size' dropdown set to 'A landscape (11" x 8.5") — 1 sheet', and a 'Show UTM Coordinate Ticks' checkbox which is checked. At the bottom right of the dialog box, there are 'Cancel' and 'View' buttons. A red arrow points to the 'View' button.

Below is an example of what the final soil map should look like.

