

## Quick Soil Inventory

The NRCS-MI Quick Soil Inventory tool can be used to generate a summary acreage report of the SSURGO soils within a user-defined polygon.

### The Quick Soil Inventory Tool

The QSI tool resides on the NRCS Michigan toolbar.



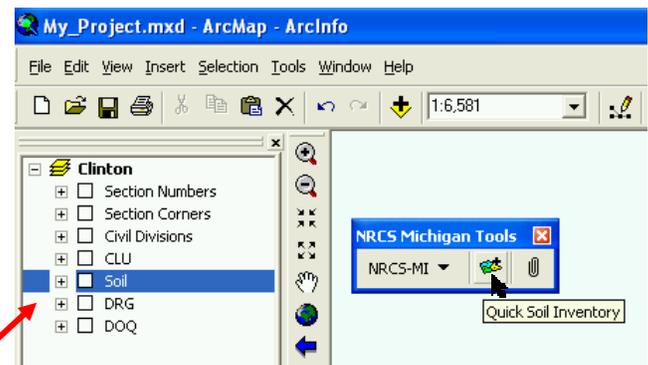
For information on activating the NRCS-Michigan Toolbar, please refer to the GIS Skill Builder “The NRCS-MI Toolbar”.

### Activating the QSI Tool

1. Highlight (click) a valid soil layer in the Table of Contents.

Valid soil layers include SSURGO map unit polygon layers as well as thematic layers generated by the Soil Data Viewer (SDV).

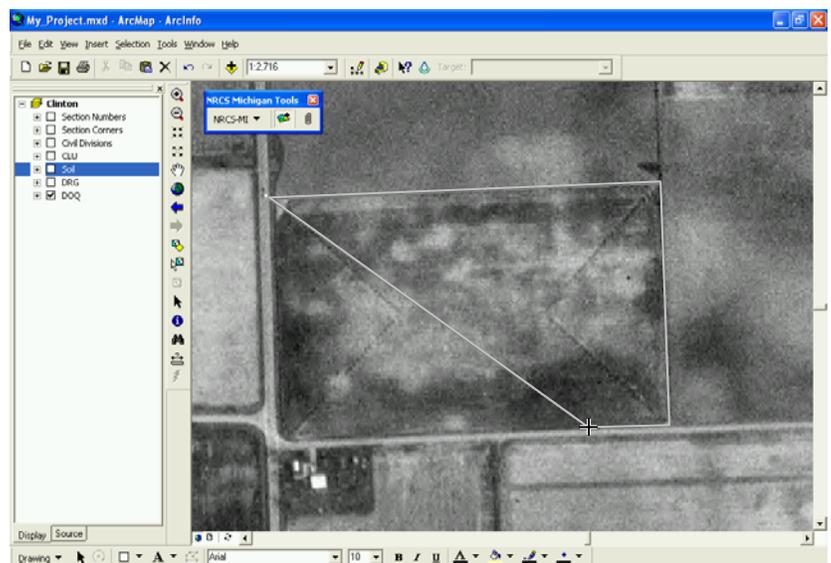
The layer doesn't have to be visible (checked on), just highlighted.



2. Click the QSI button to activate the tool.

### Define an Area of Interest

1. Use a series of left-clicks on the data view to define the polygon area of interest.
2. Double-click to finish.

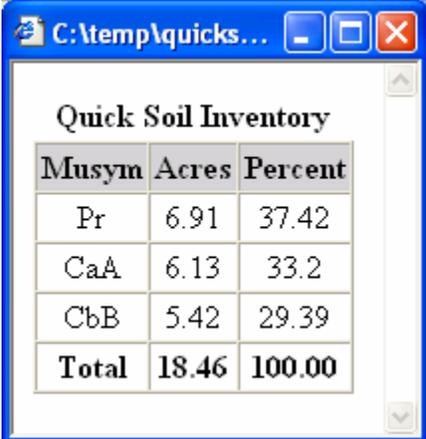


 The mouse cursor will appear as an hourglass while a report is being generated.

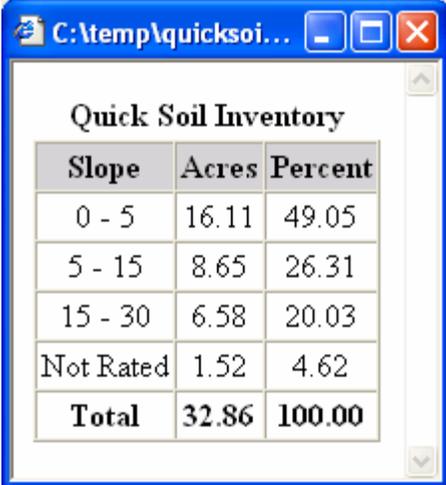
## The Acreage Report

A summary acreage report is generated in HTML format, and will open in your default web browser.

1. The report shows the Acres and Percent of each SSURGO map unit within the polygon area of interest.
2. You may right-click on the report to print, export to Microsoft Excel, etc.



Quick Soil Inventory		
Musym	Acres	Percent
Pr	6.91	37.42
CaA	6.13	33.2
CbB	5.42	29.39
<b>Total</b>	<b>18.46</b>	<b>100.00</b>



Quick Soil Inventory		
Slope	Acres	Percent
0 - 5	16.11	49.05
5 - 15	8.65	26.31
15 - 30	6.58	20.03
Not Rated	1.52	4.62
<b>Total</b>	<b>32.86</b>	<b>100.00</b>

3. Inventories of layers generated by Soil Data Viewer will report acres and percent of the chosen soil interpretation or soil property instead of just the map unit symbol.

For example, this QSI report was based on a Representative Slope map from Soil Data Viewer.

Note: The Quick Soil Inventory report is saved in a temporary file which is overwritten and removed automatically. If you wish to save the report, consider exporting it to Excel format.

**\*\* Remember to close the report window when finished \*\***

## Deactivating the QSI Tool

1. Click any other ArcMap tool button to deactivate the Quick Soil Inventory tool.

For example, click the  Select Elements tool to end