

# Instructions to Locate the CA Storie Index Grade # for Your Project Site

1

Navigate to <https://casoilresource.lawr.ucdavis.edu/gmap/>

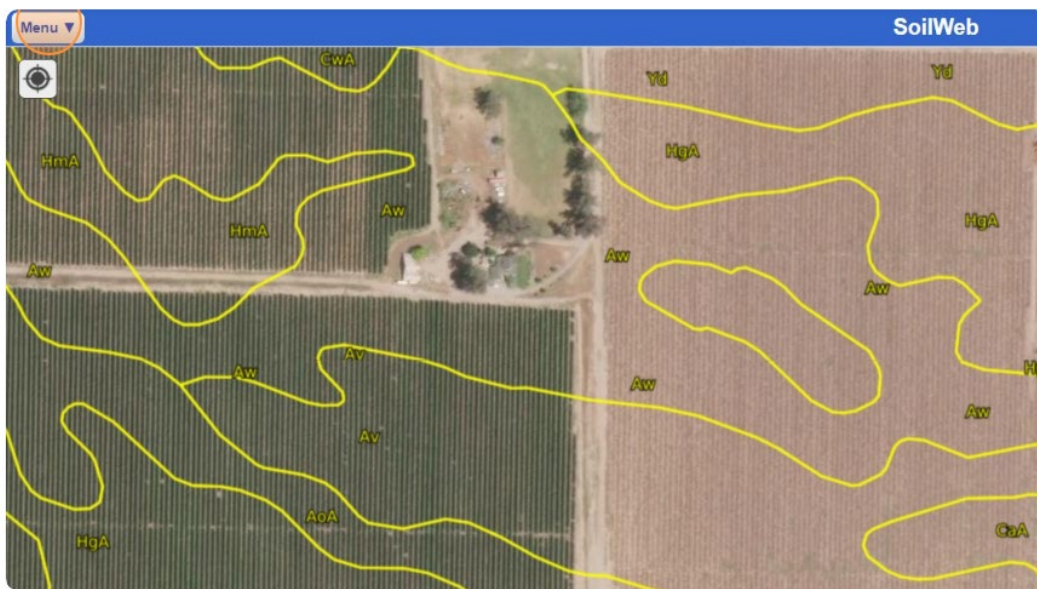
<https://casoilresource.lawr.ucdavis.edu/gmap/>

Look for these symbols for next step:



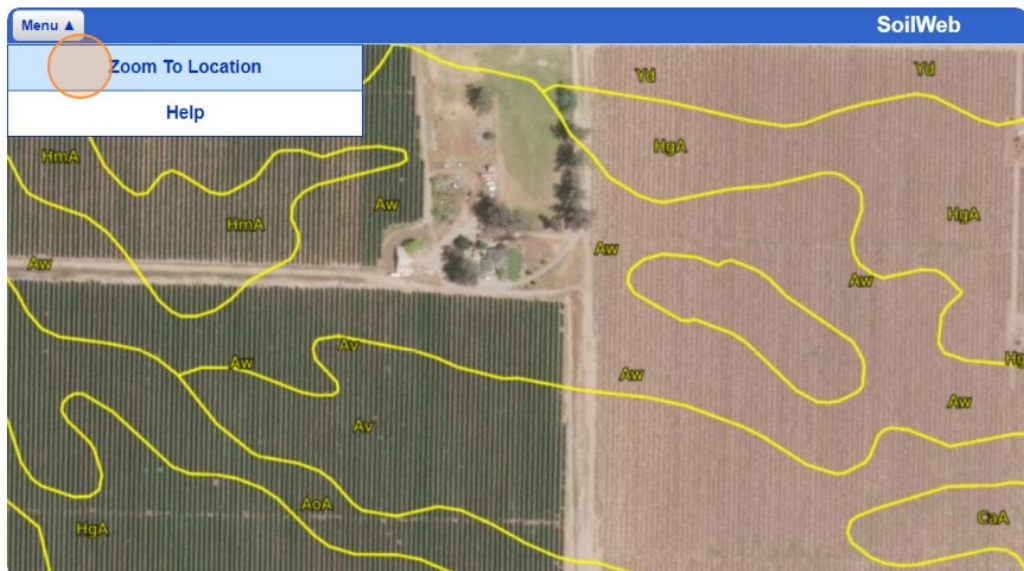
2

Click "Menu" in the top-left corner.



3

Click "Zoom To Location"



4

In the "Enter a location" search bar, copy/paste in the project site's GPS coordinates from the RePlan Tool. Click "Go".

#### Zoom To Location

**Use My Current Location**

[? About this...](#)

Settings when finding my current location:

Desired accuracy: 100 m

Maximum wait: 10 sec

Automatically display soil data after my location is determined

- OR -

Enter a location:

39.52988077602854, -122.2203

Go

Locations may be entered as:

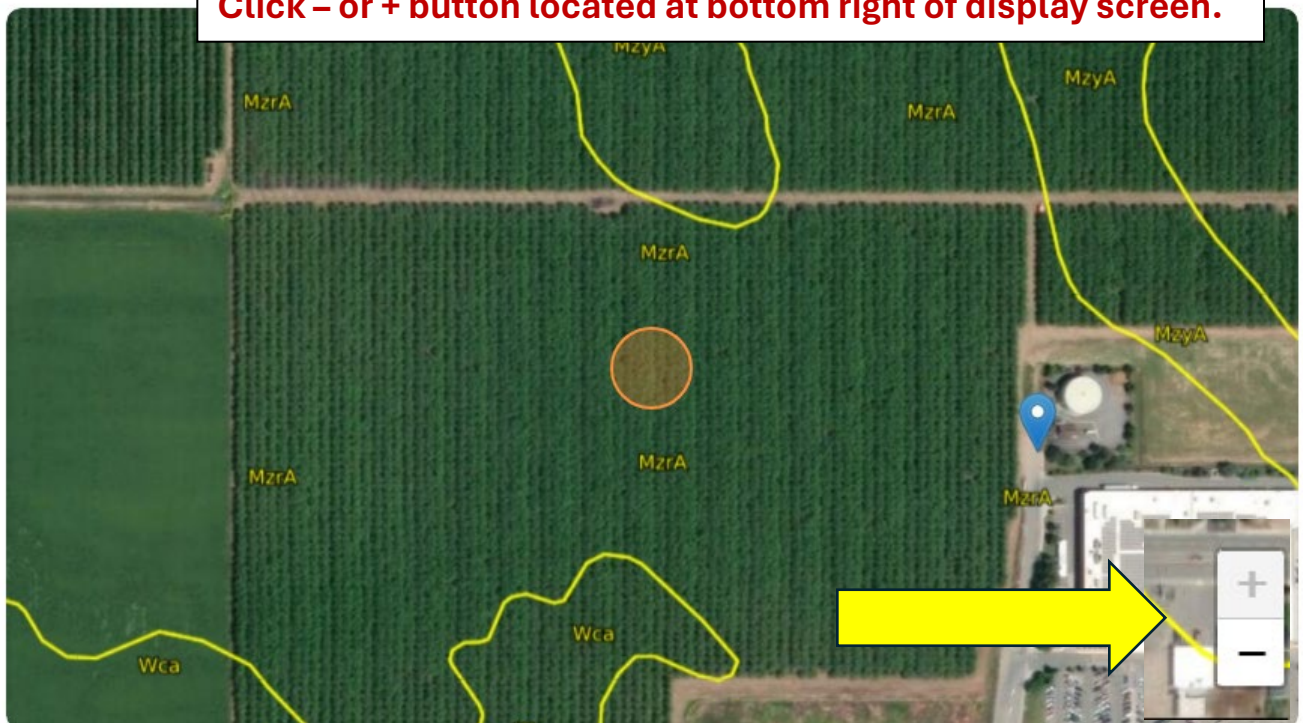
- Complete address
- City, state
- Zip code
- Landmark (Example: Mt. Diablo, CA)
- Latitude, longitude. Use decimal degrees, separated by a comma. (Example: 38.543, -121.739)
- Soil survey area. Use the survey area symbol, which is a two letter state/region identifier followed by three numbers. (Example: ca113)



5

Zoom in or out as needed to ensure the entire project site is within the window.

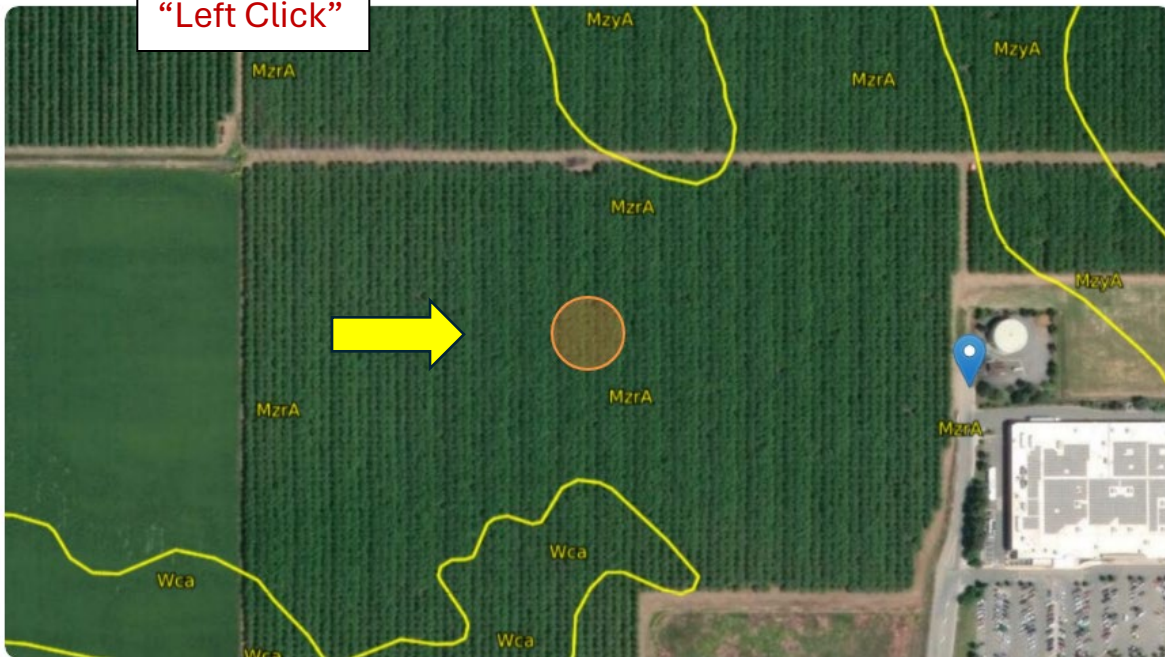
**Click – or + button located at bottom right of display screen.**



6

Click within the soil layer that represents the largest portion of the project site.

“Left Click”



7

In the left data window, click on the majority map unit composition (the one at the top of the list).

SoilWeb

Myers clay, 0 to 1 percent slopes, MLRA 17 (MzrA)

▲ Map Unit Composition

- 85% - **Myers**  
Geomorphic Position: basin floors / Toeslope  
alluvial fans / Toeslope
- 5% - **Capay**  
Geomorphic Position: basin floors / Toeslope
- 3% - **Altamont**  
Geomorphic Position: strath terraces / Foothlope
- 2% - **Westfan**  
Geomorphic Position: alluvial fans / Foothlope
- 2% - **Hillgate**  
Geomorphic Position: fan remnants / Summit
- 2% - **Arbuckle**  
Geomorphic Position: stream terraces
- 1% - **Unnamed**  
Geomorphic Position: alluvial fans / Foothlope  
Horizon data n/a

▲ Map Unit Data

Map Unit Key: 458747 [Geographical Summary]

The screenshot shows the same aerial map as in step 6, but with a data window overlaid on the left. A yellow arrow points to the top item in the 'Map Unit Composition' list, which is 'Myers clay, 0 to 1 percent slopes, MLRA 17 (MzrA)'. The map on the right shows a red 'x' mark on the MzrA layer, corresponding to the selected item in the data window.

8 Click "▼ Land Classification".

The CA Storie Index is the first data point within this list. For this example, the index is Grade 4.

The screenshot shows the SoilWeb interface for a location named 'Myers'. The left sidebar contains a navigation menu with the following items: Soil Profiles, Soil Taxonomy, Land Classification (highlighted with a yellow circle), CA Storie Index: Grade 4 - Poor (34.9), Land Capability Class (non-irrigated): 4-s5, Land Capability Class (Irrigated): 2-s5, Ecological Site Description: Clayey Basin Group, Forage Suitability Group: n/a, Organic Carbon Stock: 10 [7-14] kg / m<sup>2</sup>, Organic Carbon Stock 0-30cm: 3 [2-4] kg / m<sup>2</sup>, Organic Carbon Stock 0-100cm: 8 [6-10] kg / m<sup>2</sup>, Hydraulic and Erosion Ratings, and Forest Productivity. A large yellow arrow points from the 'CA Storie Index' text to the 'Land Classification' menu item. The right side of the interface shows an aerial map of a field with yellow boundary lines and labels for soil types: MzyA, MzrA, and MzrA. A red 'x' is visible on the map, and a blue location pin is also present.

9 Enter the 1-digit CA Storie Index number into question 33 of the Healthy Soils Block Grant application portal. In this example, 4.

**For Example:**

**CA Storie Index: Grade 4 - Poor (34.9)**