

Using Google Earth Pro to Map Your Vineyard

Google Earth can provide you with the tools to make a detailed vineyard map, including block boundaries, acreage measurements, and soils information. It is relatively easy to use. Here's how:

1. Download Google Earth Pro and install on your computer:
<https://www.google.com/earth/download/gep/agree.html?hl=en-GB>
2. Open Google Earth Pro and zoom in to your property:

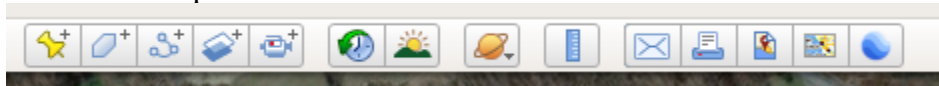


(Here is an example, using Cornell's Lansing vineyard on Sweazey Road)

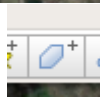


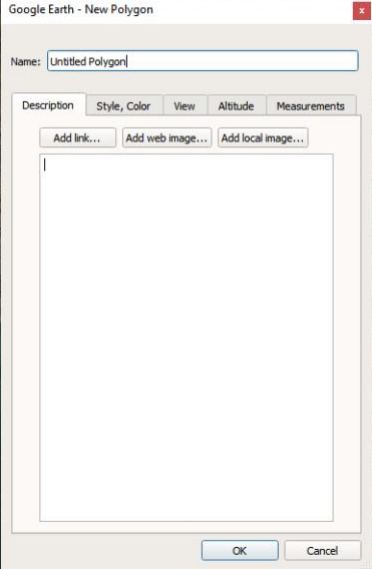
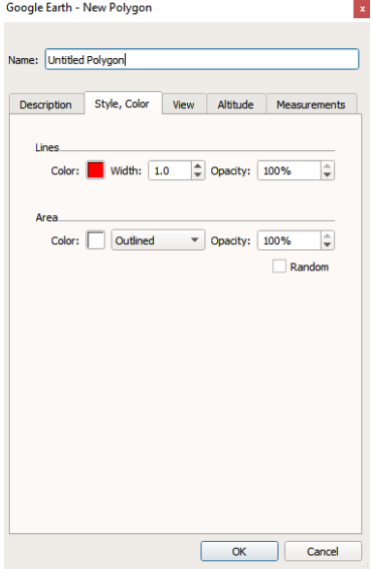


3. Use the icons at the top menu bar to draw block boundaries around individual vineyard blocks:

Menu bar at top:



Select the 'Polygon tool':



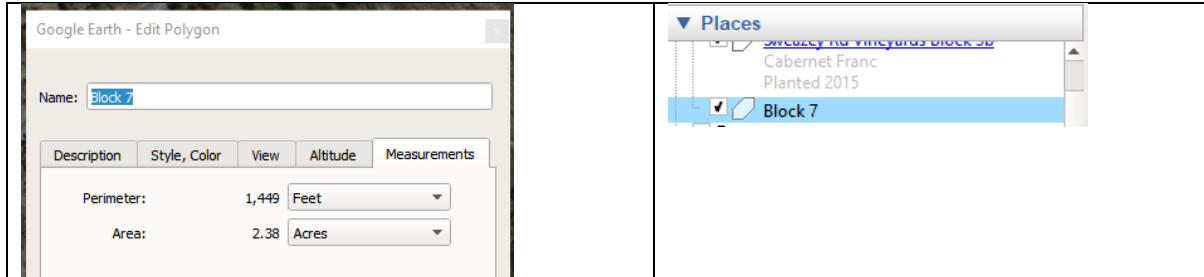
<p>You will see this appear:</p>	<p>Select the 'style, color' tab. Under 'Lines' – choose a color. Under 'Area' use drop down to choose 'outlined'</p>
	
<p>You will see a square cursor on the map. Each time you 'click' the program will add a new point:</p>	<p>When you are done, you will have an outline of the block.</p>
	
<p>You can then add a name. Click on the 'measurement tab, and you will be able to see the perimeter and area measurements. This block shows 2.39 acres.</p>	<p>When you press 'ok', the vineyard polygon name will appear on the left side under 'places'</p>

Boldly, NY.


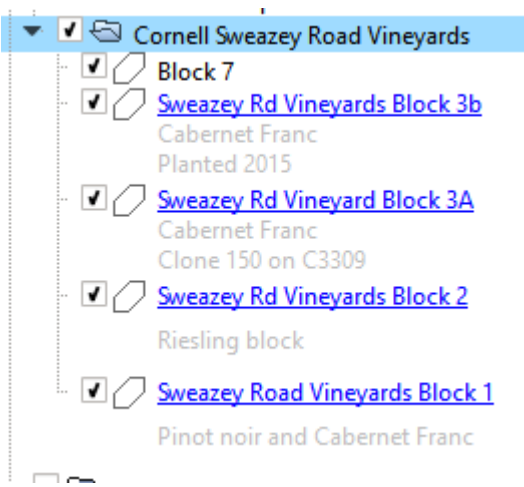
New York Wine & Grape Foundation

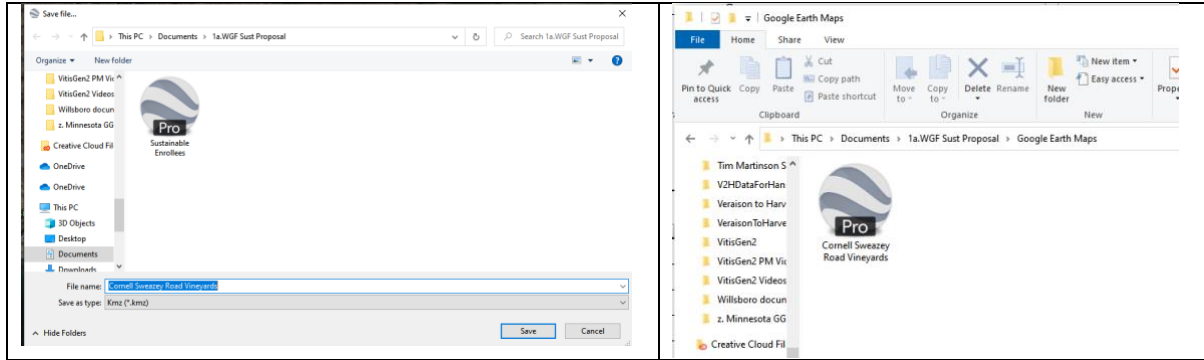
1 Keuka Business Park,
Suite 208
Penn Yan, NY 14527

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F 315-924-3701
www.newyorkwines.org



Example: 4 blocks at Cornell's Lansing Vineyard

<p>We mapped four vineyard blocks:</p> 	<p>In the left 'my places' menu, One can name a 'folder' and place all the individual block files in one folder for organizing them.</p> 
<p>You can then use standard 'save as' commands to save the folder in a 'kmz' file that Google Earth can open.</p>	<p>This file can then be e-mailed, copied, etc., just like any other computer file.</p>



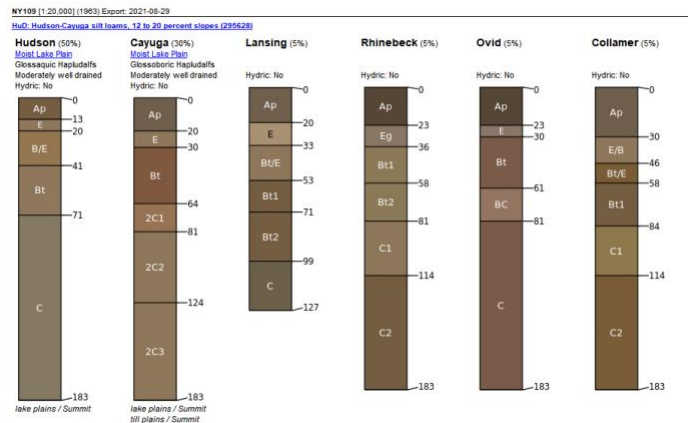
4. Adding Soil Data – The NRCS has a streaming soil survey map that you can open in Google Earth to show soil mapping units:



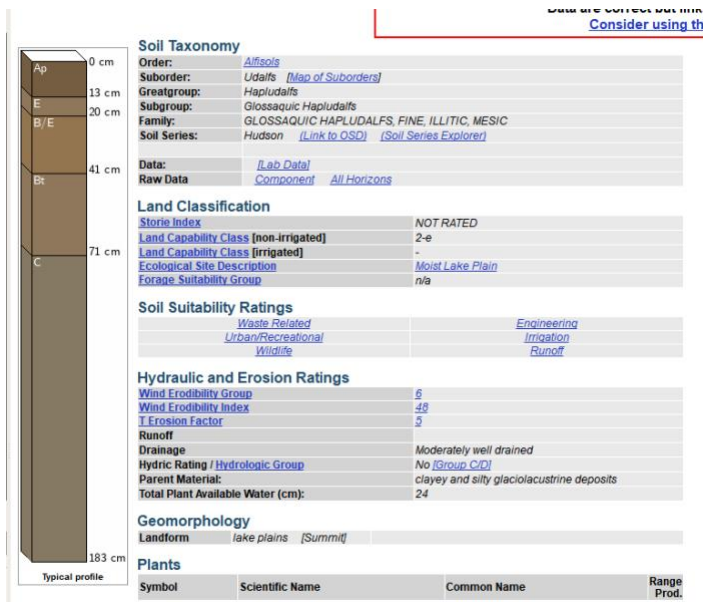
If you click on the yellow soil mapping symbol, more soil information will appear:



This shows the overall soil association:



Here is the information for the dominant “Hudson” Soil:



To access the ‘SoilWeb’ map:

Download at: <https://casoilresource.lawr.ucdavis.edu/soilweb-apps/>

Click on “SoilWebEarth.” The open file using Google Earth. The ‘SoilWeb’ information will appear under the My places menu at left. ‘click’ on the checkbox to display or hide.