

Florida A&M University Cooperative Extension Program

Spatial Mapping Workshop 1 – Google My Maps Plotting Land Boundaries

8/17/2020

Presented By:

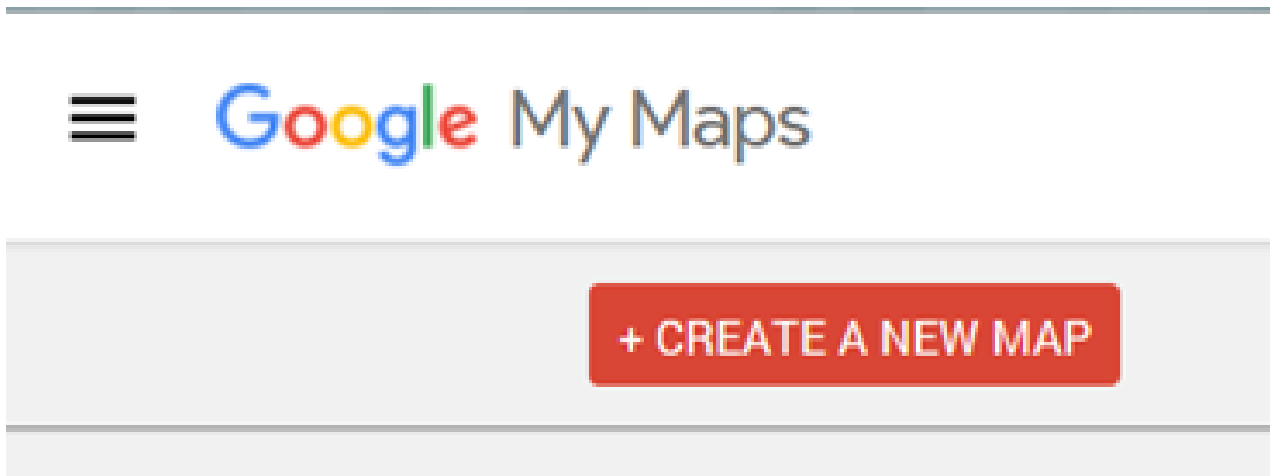
Katherine Milla, PhD; Latasha Tanner, MS
FAMU Center for Water Resources

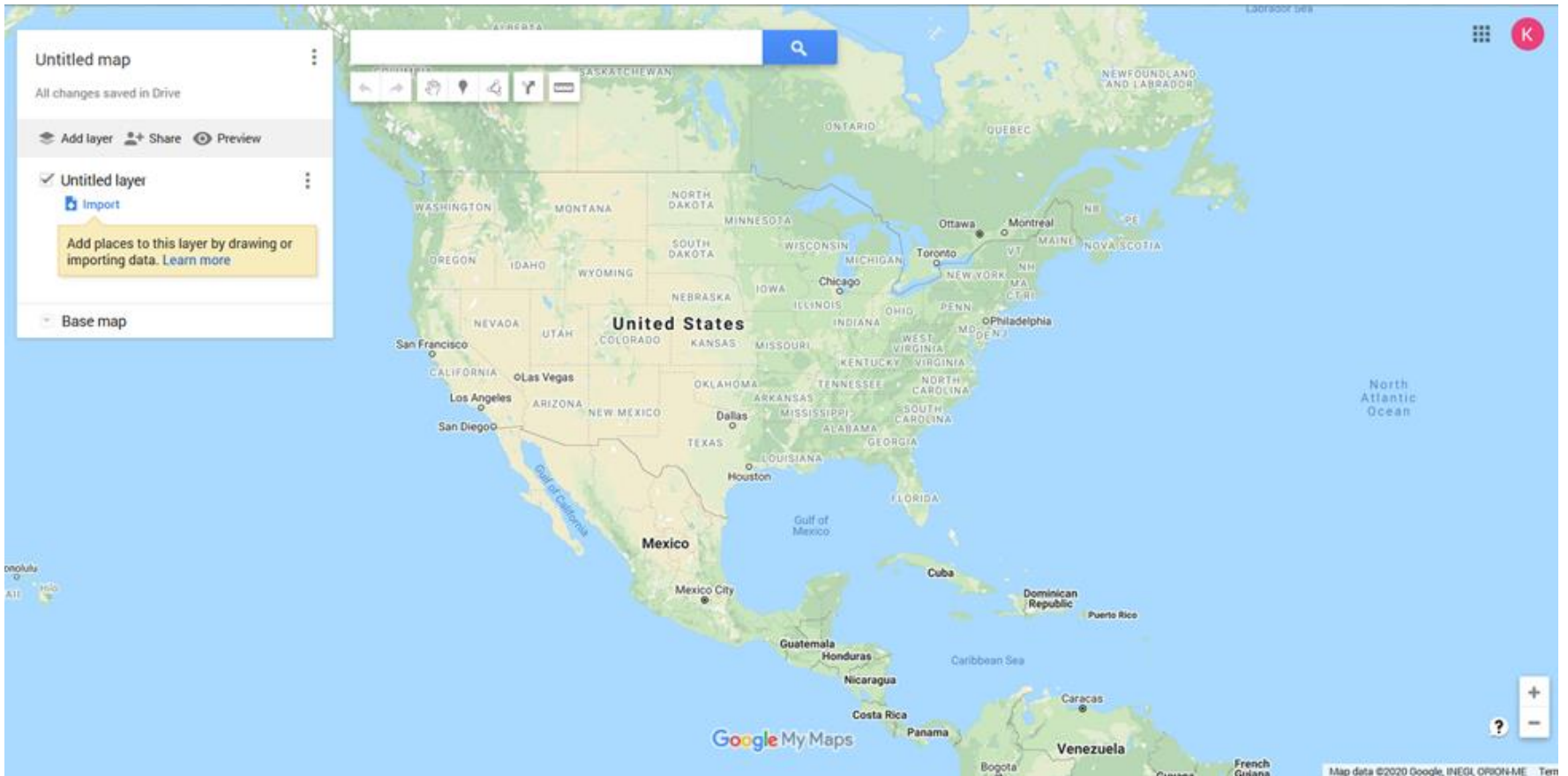
Alejandro Bolques, PhD; Gilbert Queeley PhD
FAMU Cooperative Extension

Google My Maps enables you use Google Maps to create, customize and save your own maps. To use My Maps you must have you own Google online account. (see the Preparation Document for this workshop). Your customized maps are saved to your Google account, and can be accessed and edited online.

Let's create a map

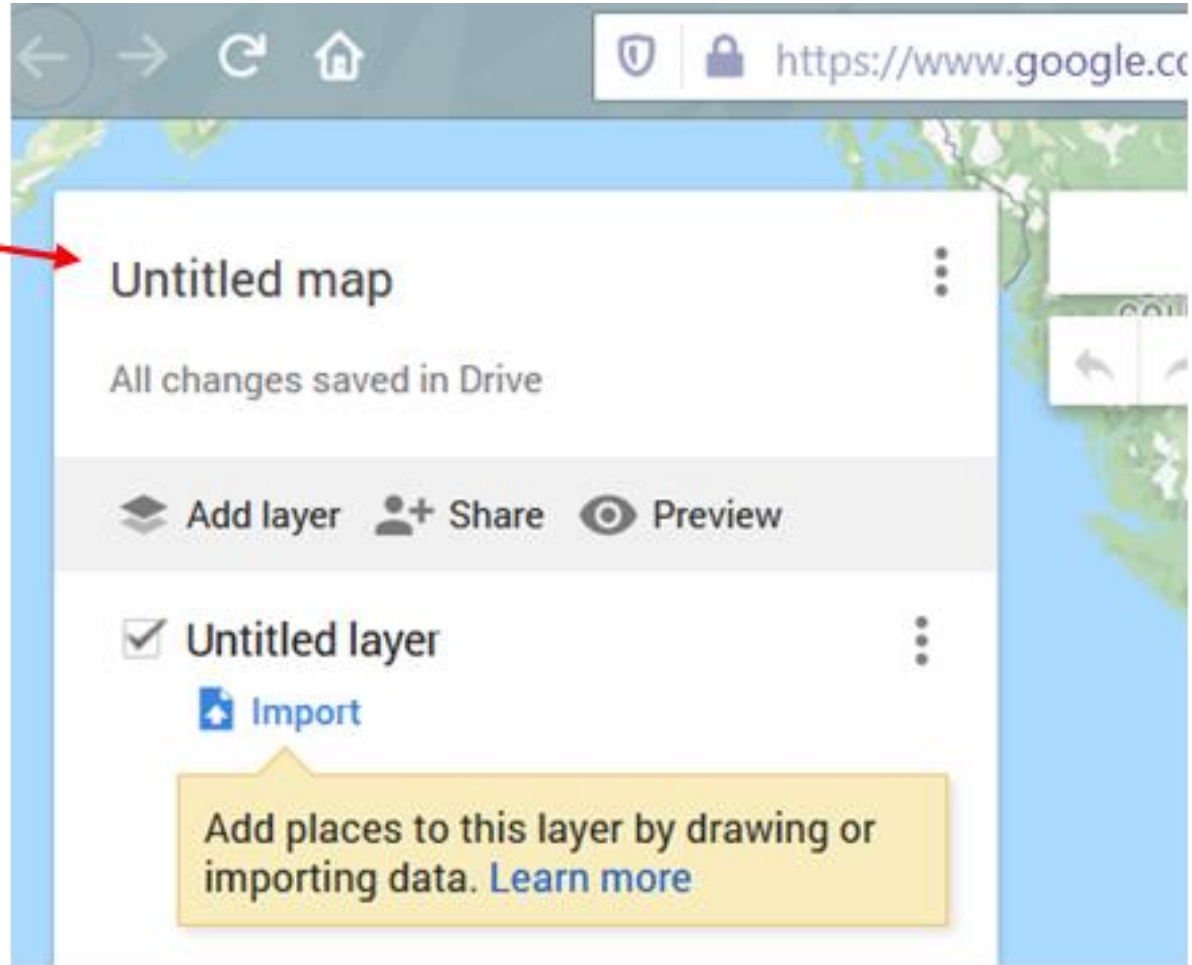
Go to <https://www.google.com/mymaps> . If you are not logged into your Google, account you will be prompted to log in.





Name Your Map

Click here



Edit map title and description

Map title

Land Boundary Training Map

Description

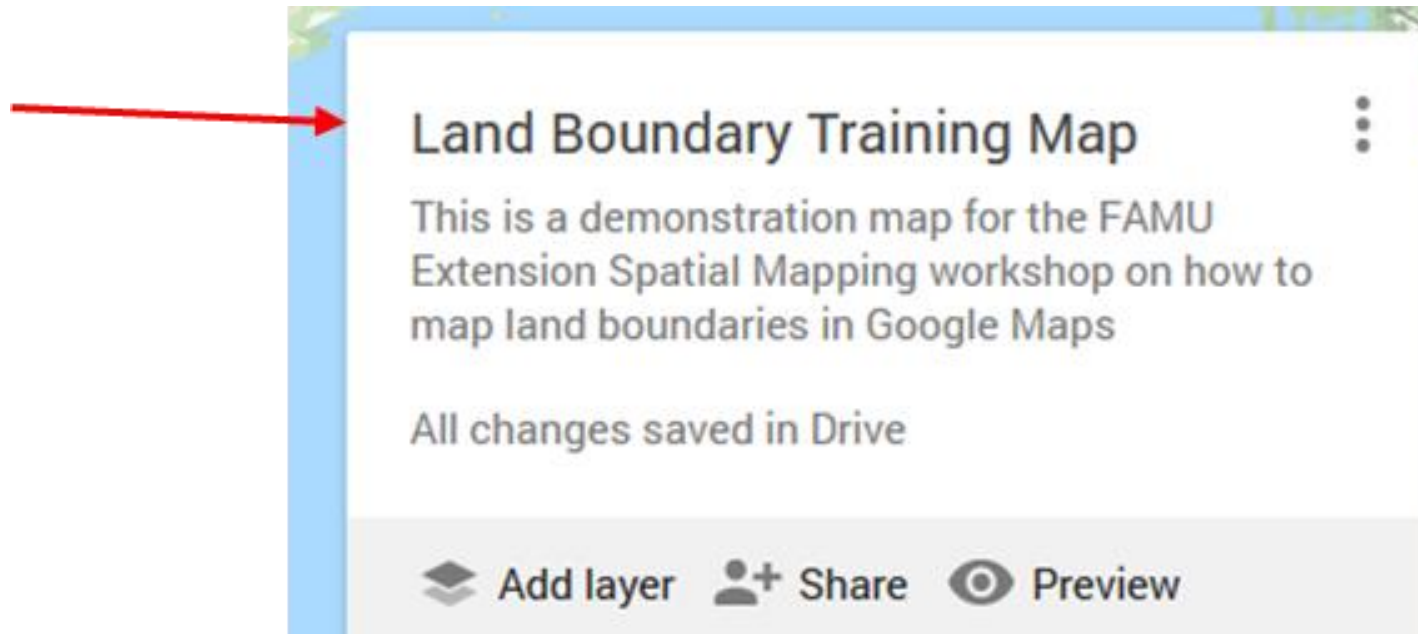
This is a demonstration map for the FAMU
Extension Spatial Mapping workshop on
how to map land boundaries in Google
Maps

Save

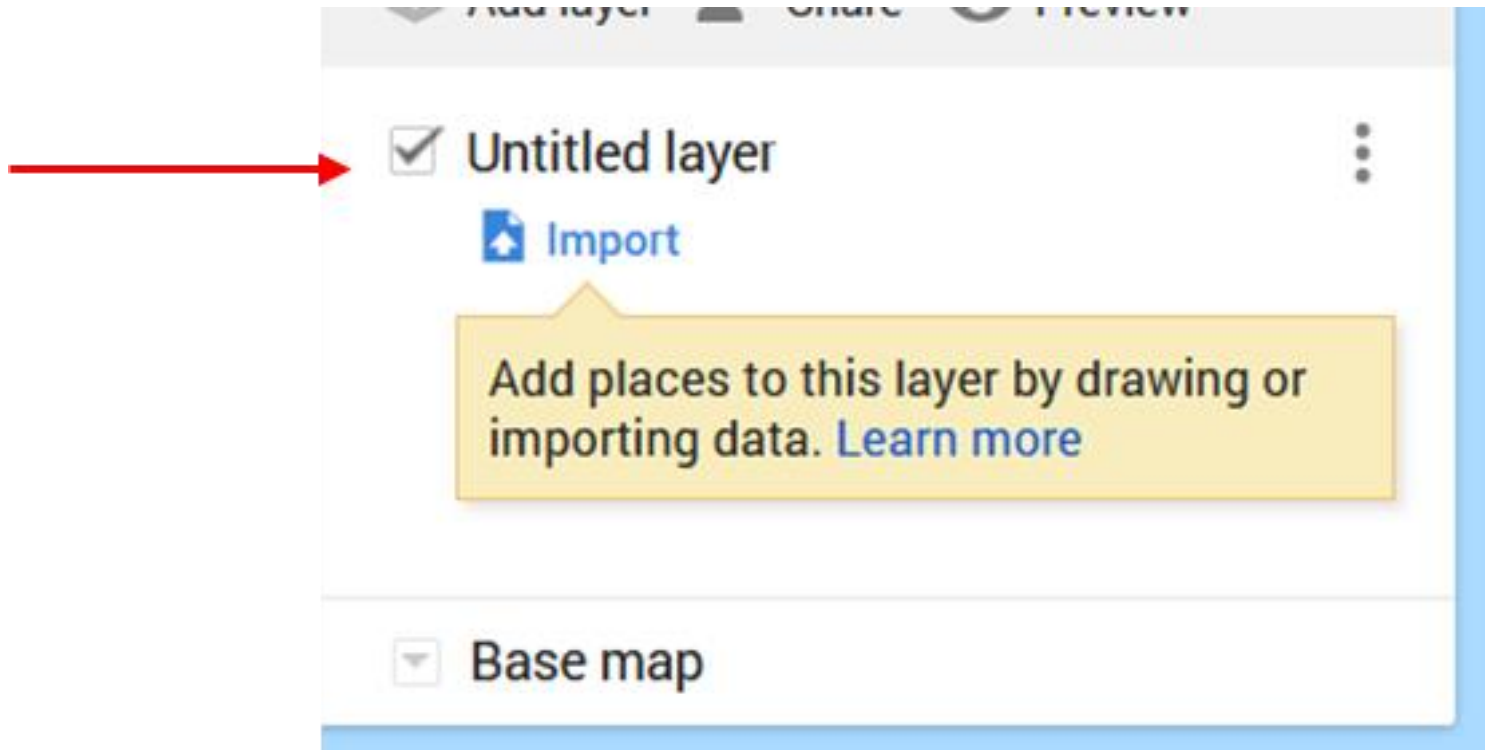
Cancel

Type in a name and
description in the
appropriate boxes.
Click Save.

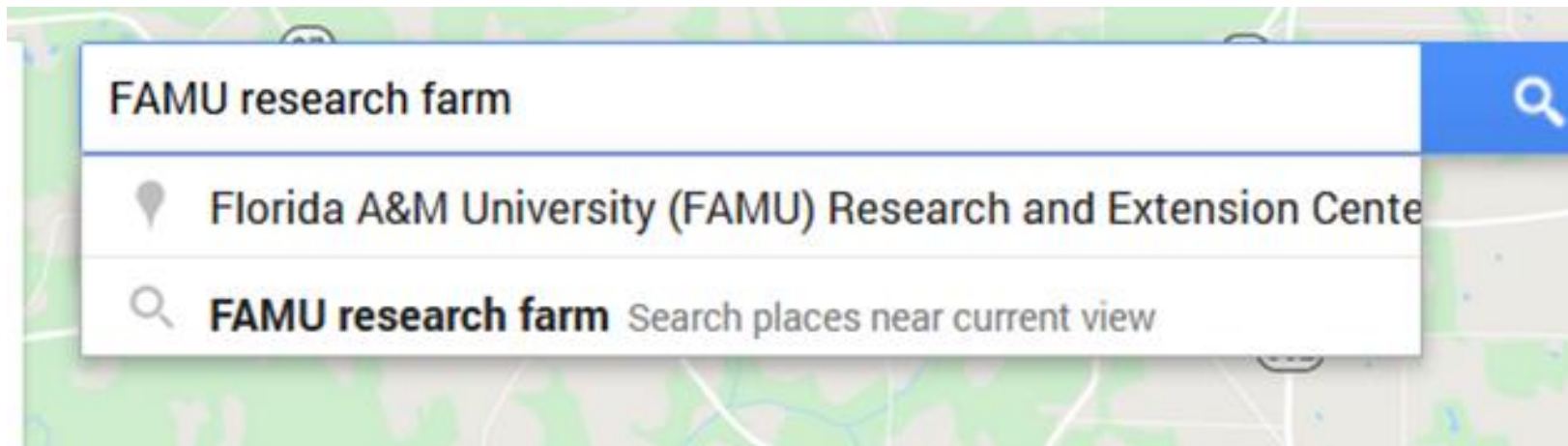
Now your map name and description will appear in the legend box.



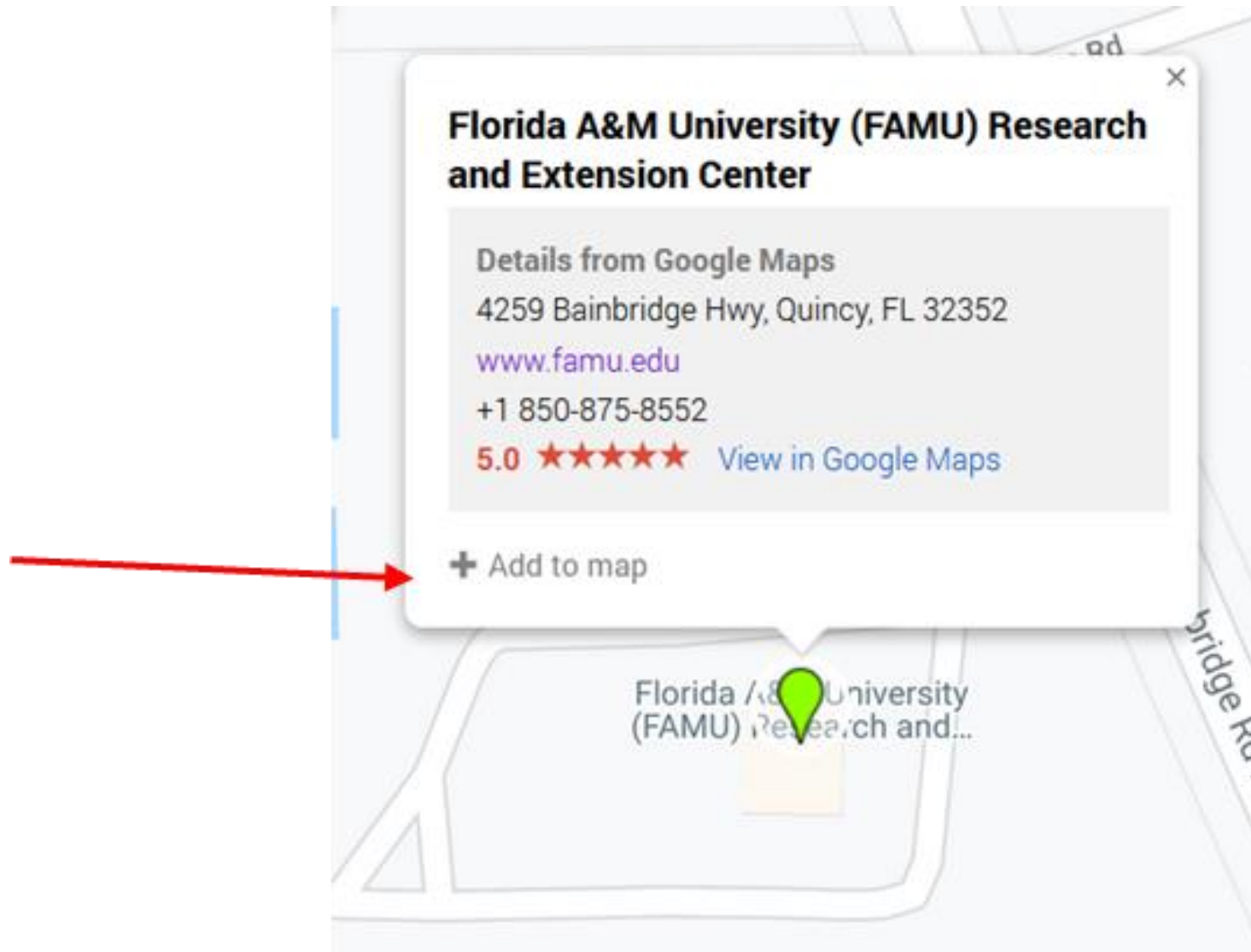
The Untitled Layer is a sort of placeholder for adding layers to your map. We will come back to this.



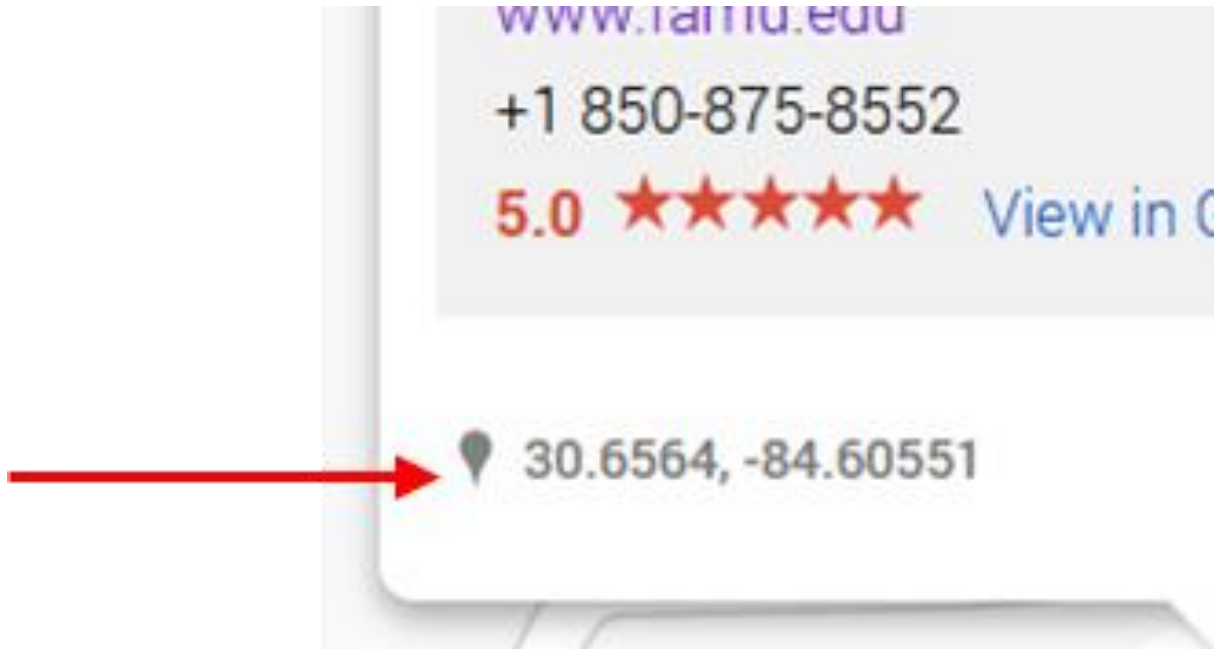
Let's search for FAMU's research farm.



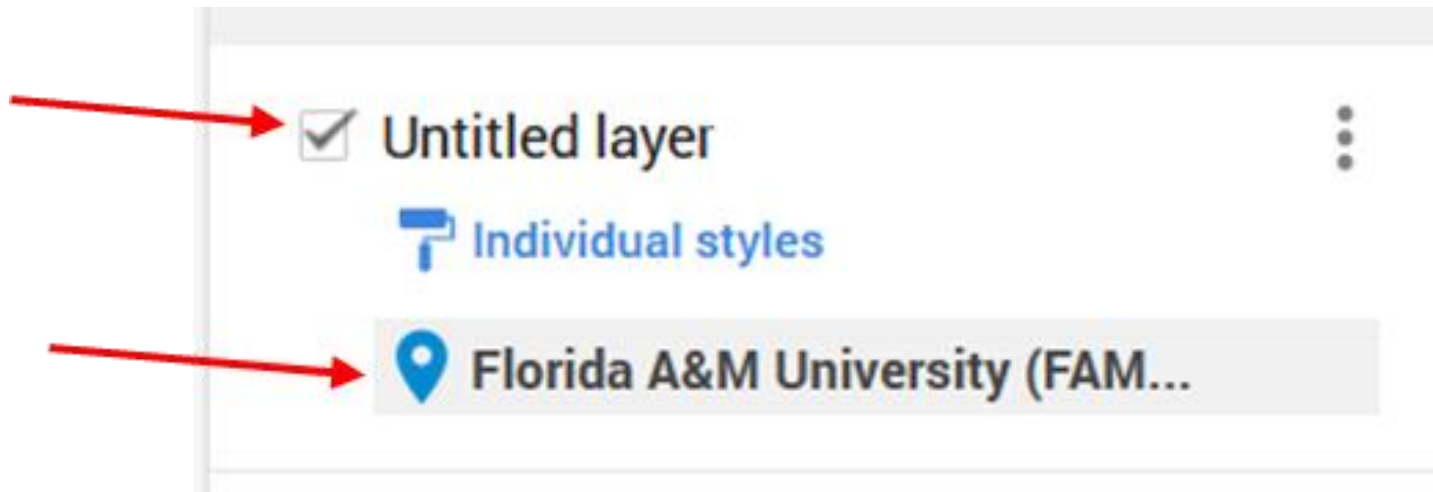
Add the marker to your map.



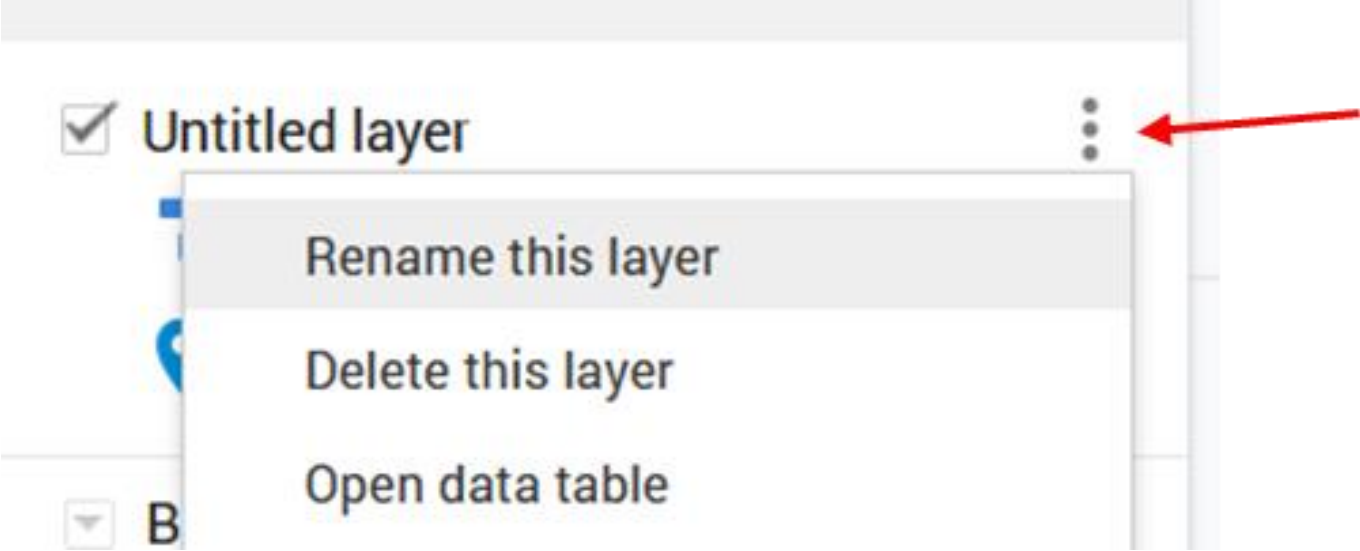
Notice that the Latitude/Longitude of the point is recorded.



Notice that now the FAMU marker appears under the Untitled Layer. It's really a set of layers. Untitled Layer is the default name of the "container" that holds them.



Let's rename the container.





Locations

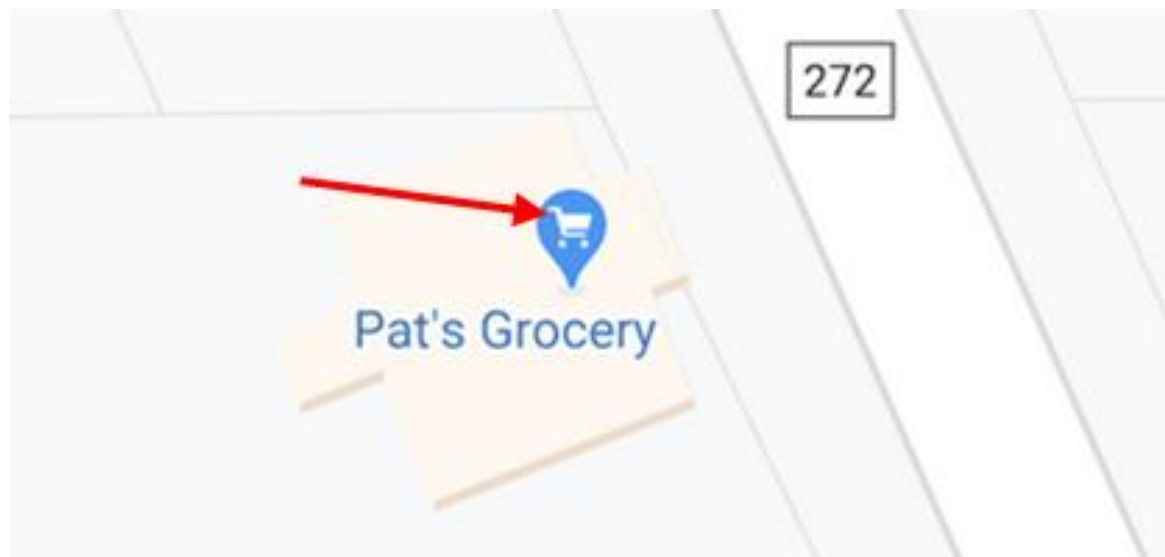


Individual styles

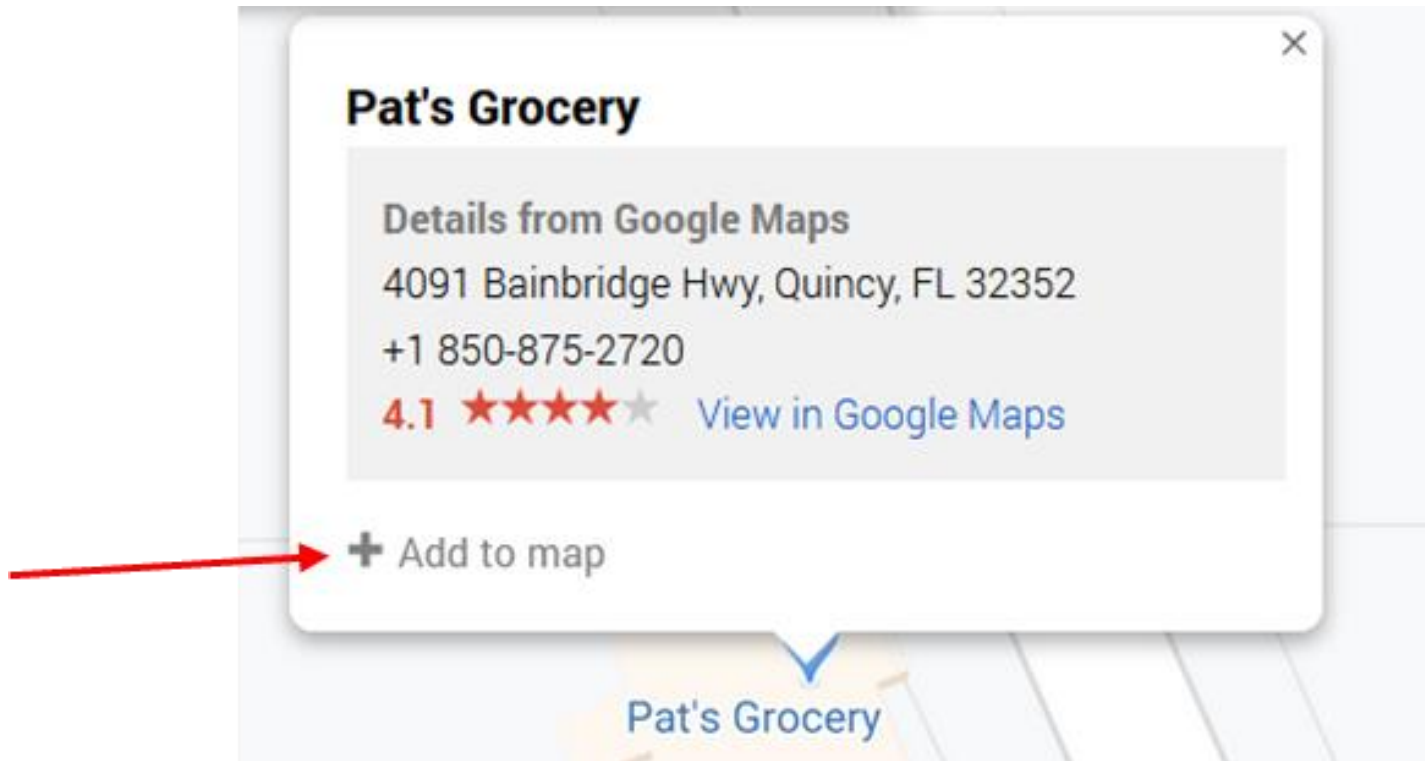


Florida A&M University (FAM...

Let's make a map to show people how to get to the FAMU research farm. Start by putting a landmark on the map. You're going to use Pat's Grocery Store just south of the farm as a landmark.



Add the marker for Pat's Grocery to you layer set the same way you did with the farm.



Locations

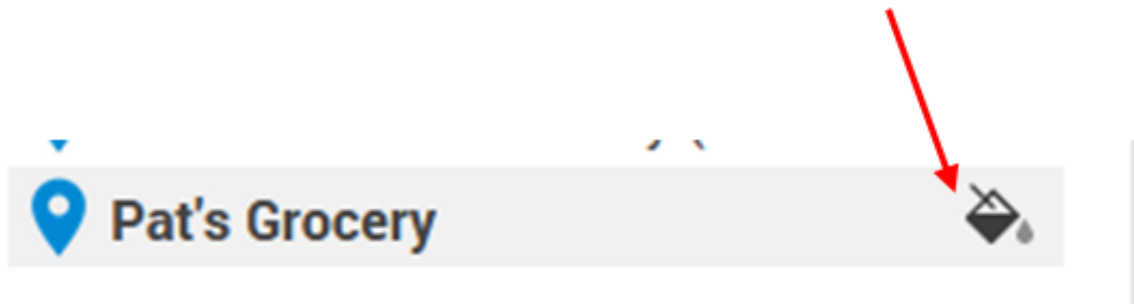


 Individual styles

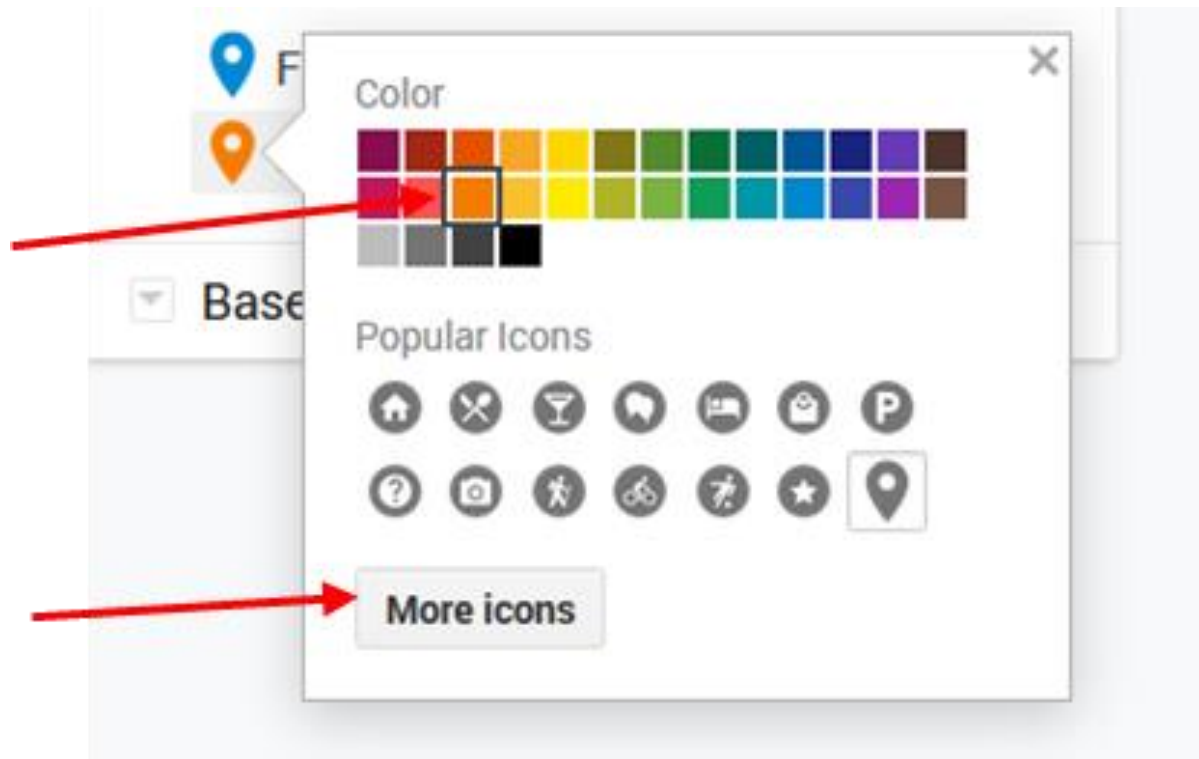
 Florida A&M University (FAM...

 Pat's Grocery

Change the symbol for the grocery store.



Select a different color for the marker, then click on More icons.





Choose an icon

Shapes Sports and Recreation Places Transportation Crisis Weather Animals

Filter:

Shapes



Sports and Recreation



Places

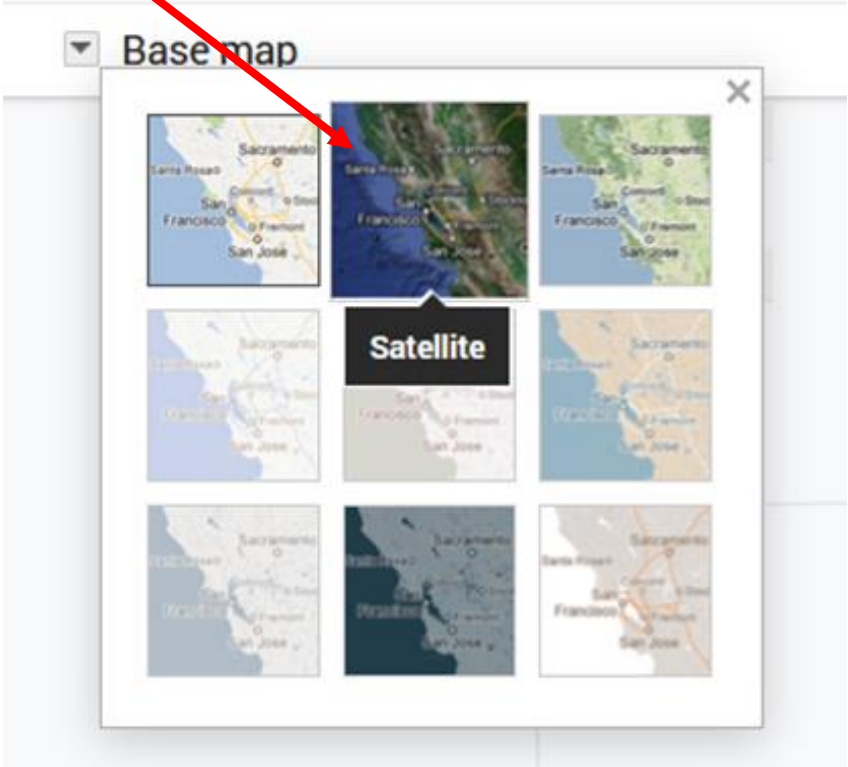


Custom icon

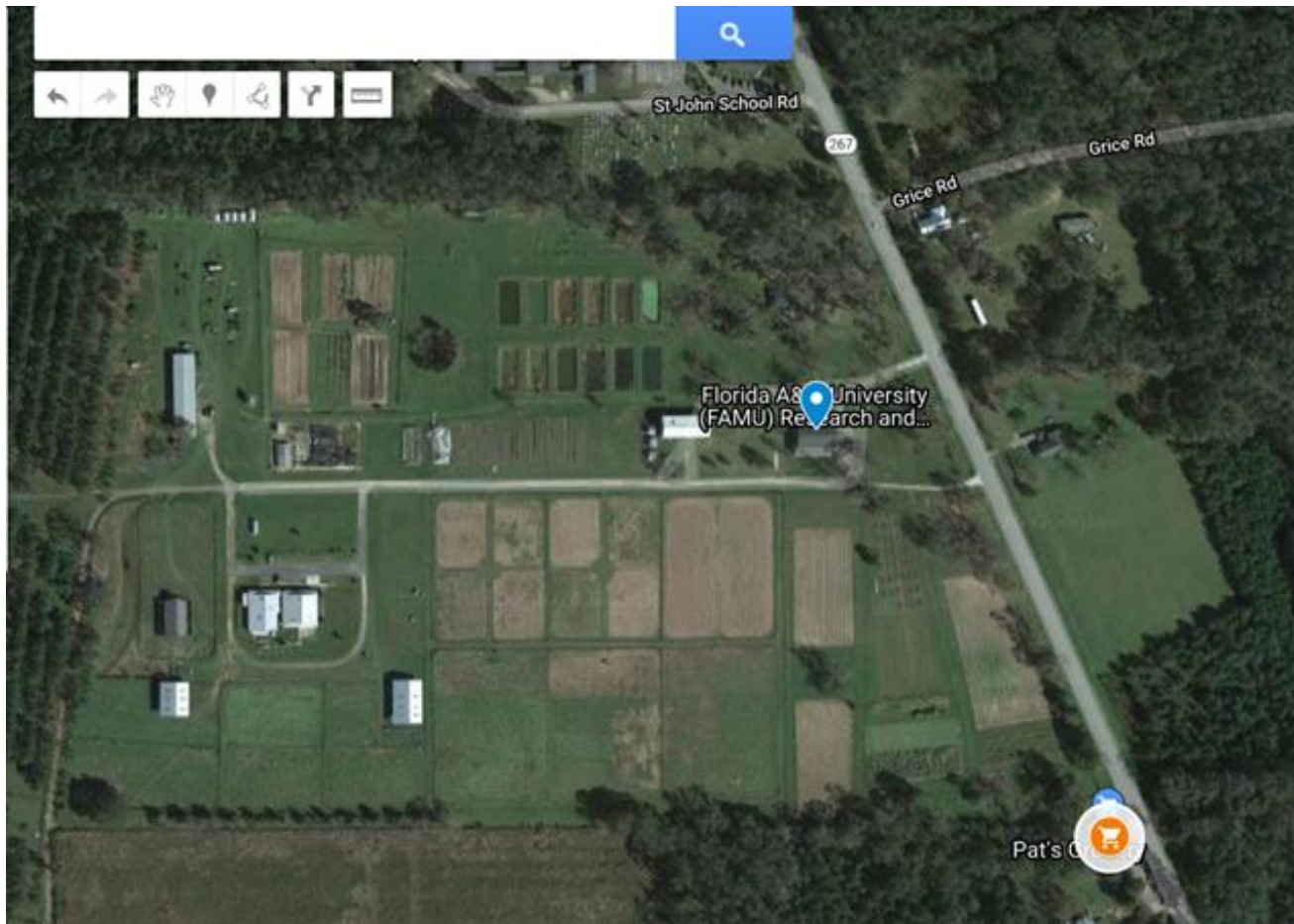
OK

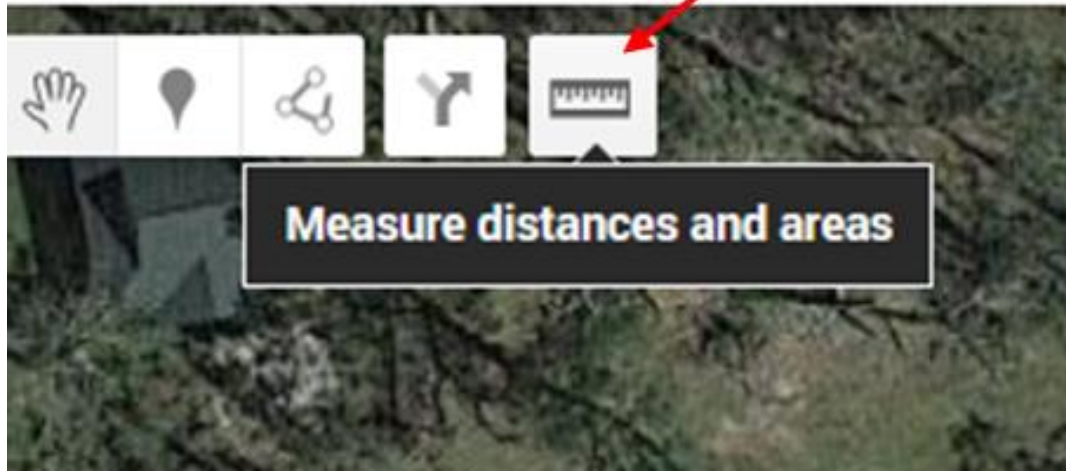
[See older icons](#)

Change the base map of your map to a satellite image.



Use the measure tool to report distances. The farm has two entrances. The second entrance is for the public. Measure the distance from the first to the second.





Click at the first entrance, then double-click at the second entrance.



Plot Property Boundaries: Download a File From the County Property Appraiser

Google the Gadsden County Florida property appraiser's office.



gadsden county florida property appraiser



About 32,800 results (0.57 seconds)



Your **Property Appraiser**, Reginald A.

A **Gadsden County** native raised in the St. Hebron community, Reginald Cunningham is deeply vested in the community he serves. The son of retired educators and graduate of James A.

gadsdenpa.com ▾

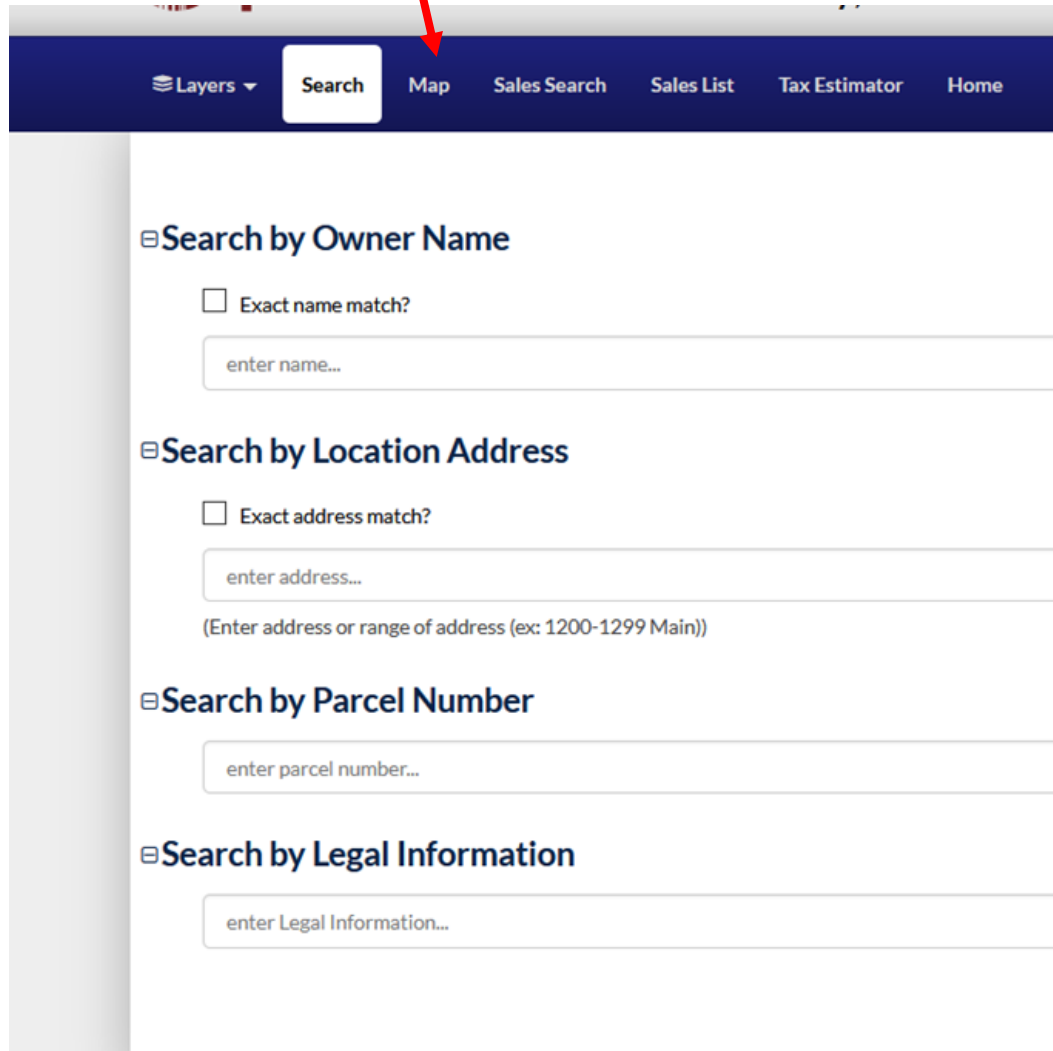
[Gadsden County Property Appraiser – Official Website of the ...](#)

 About Featured Snippets  Feedback

From Quick Links select Property Search



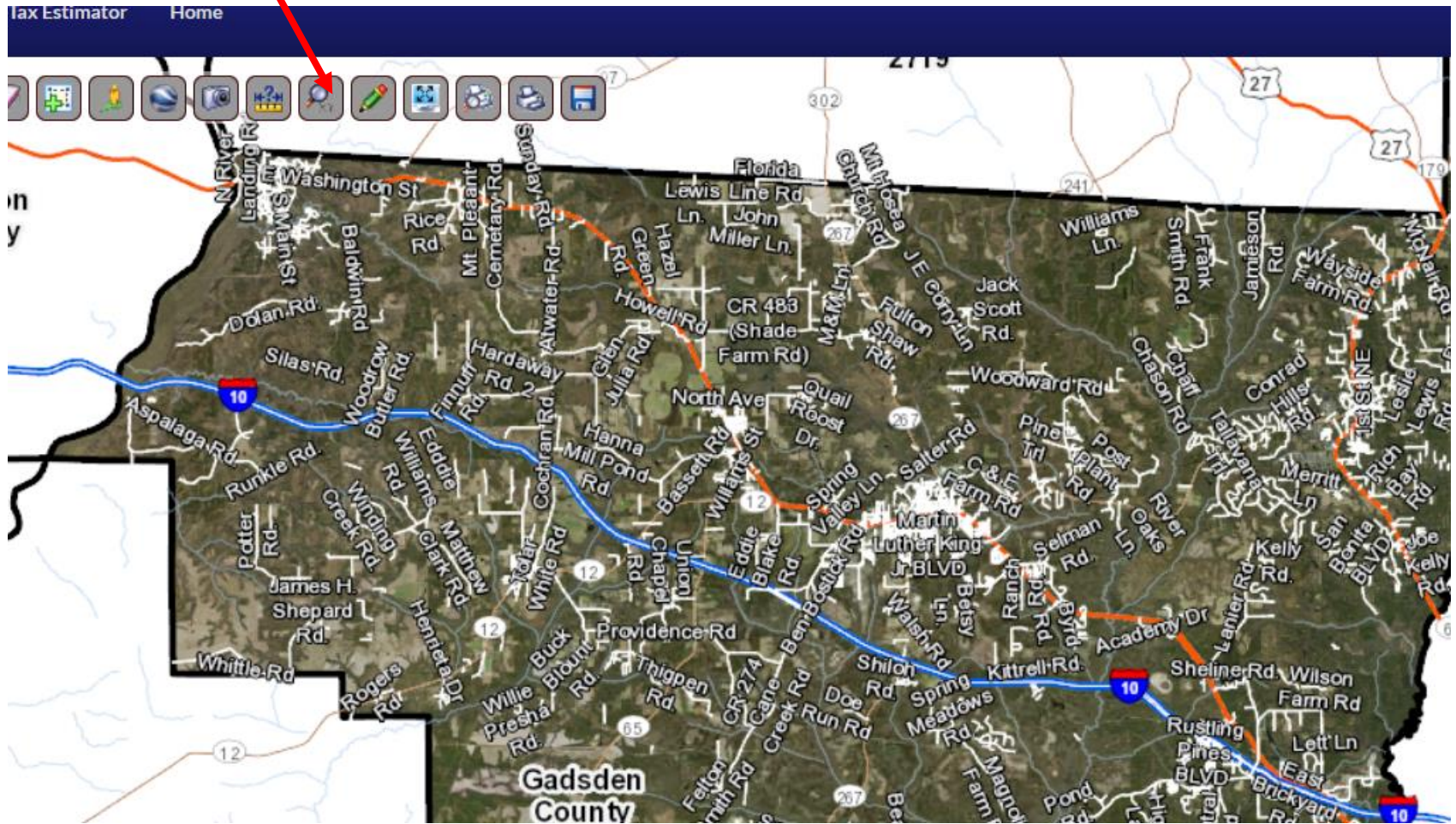
There are several different ways to search for property parcels. We're going to search by map







The screenshot shows a dark blue navigation bar at the top with the following items from left to right: a hamburger menu icon followed by 'Layers', a white 'Search' button, and links for 'Map', 'Sales Search', 'Sales List', 'Tax Estimator', and 'Home'. A red arrow points from the text 'We're going to search by map' to the 'Map' link. Below the navigation bar, the page content is organized into four sections, each with a toggle icon and a title:


- Search by Owner Name**
 - Exact name match?
 - enter name...
- Search by Location Address**
 - Exact address match?
 - enter address...
 - (Enter address or range of address (ex: 1200-1299 Main))
- Search by Parcel Number**
 - enter parcel number...
- Search by Legal Information**
 - enter Legal Information...


Notice the tools at the top of the map. We're going to use the search tool to enter in the latitude and longitude shown on the pop-up window for the FAMU research farm.




 Add layer  Share  Preview

Locations 

 Individual styles

 **Florida A&M University (FAM...**

 Pat's Grocery

Base map

Details from Google Maps

4259 Bainbridge Hwy, Quinc

www.famu.edu

+1 850-875-8552

5.0 ★★★★★ [View in Google](#)

 30.6564, -84.6051

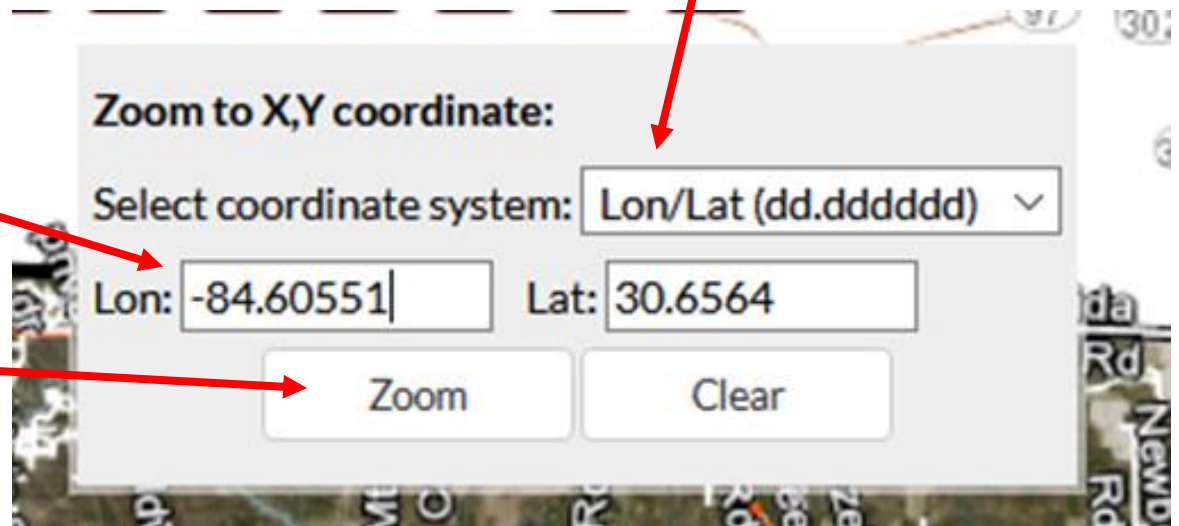
1)



2) Select Long/Lat
in decimal degrees

3) Enter
Long/Lat

4) Zoom





Use the identify tool to click inside the FAMU farm parcel boundary on the map and a pop-up window shows some information about it

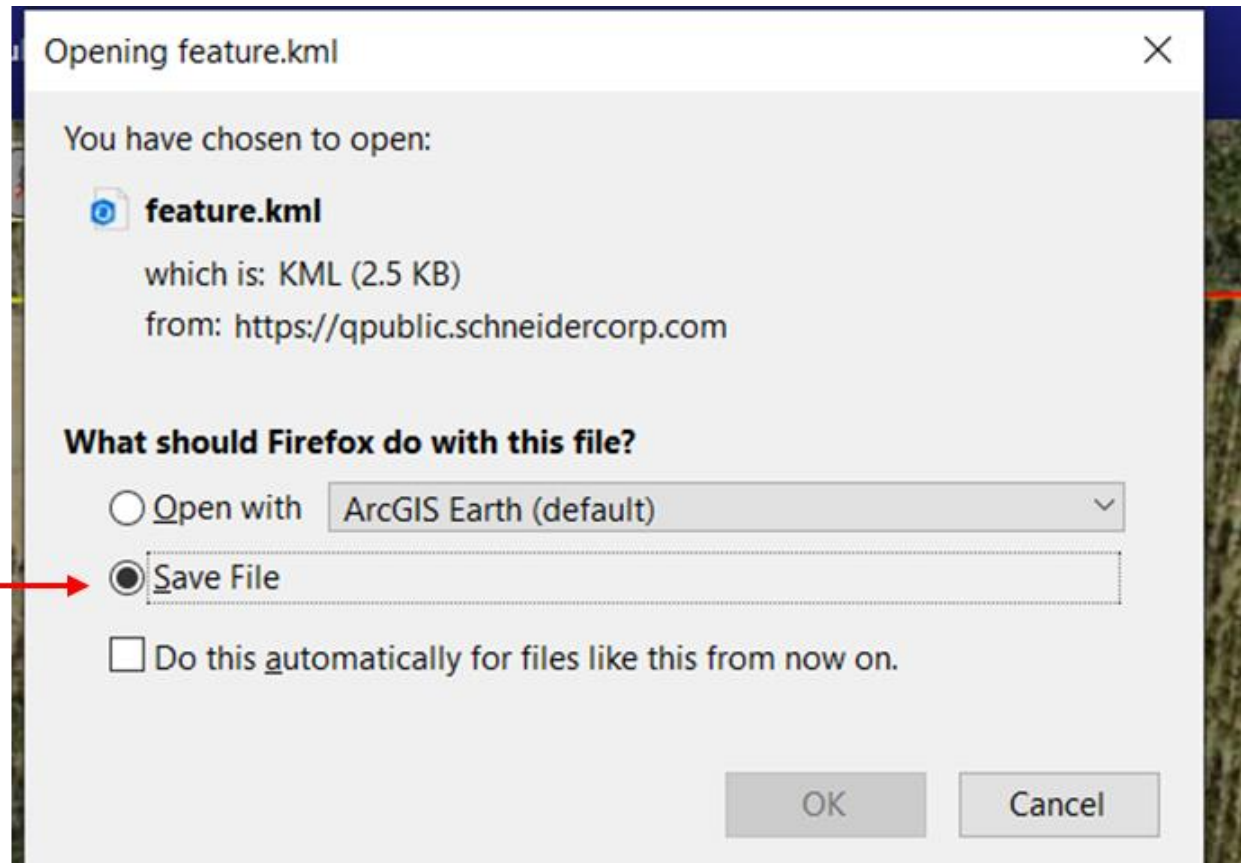


Parcel ID - 2-14-3N-4W-0000-00423-0000
Alt Id - 2N3W4140000004230000
Address - 4259 BAINBRIDGE HWY
Owner - BOT TIIF
Acres - 117
View: [Report](#) | [Google Maps opens in a new tab](#)

Download a digital file of the parcel boundary.
With the parcel still selected click on the blue striped globe icon

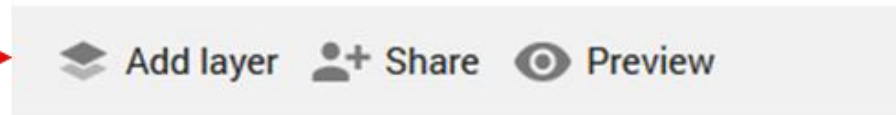


Save the file to your computer. Make sure save it some place where you can find it.

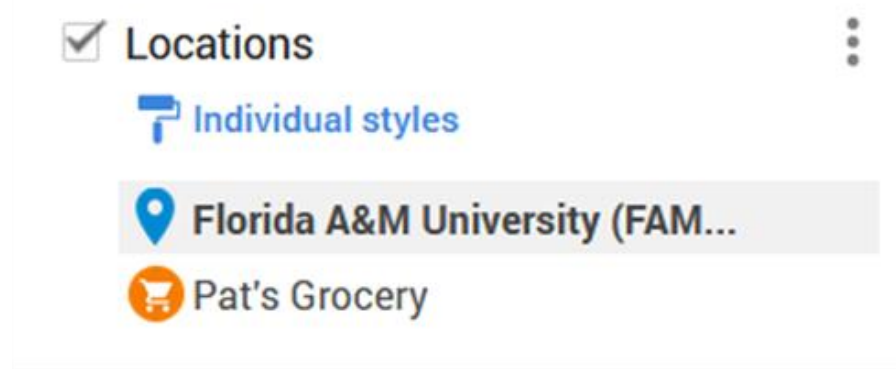


Now go back to your map and add a new layer group in the legend pane.

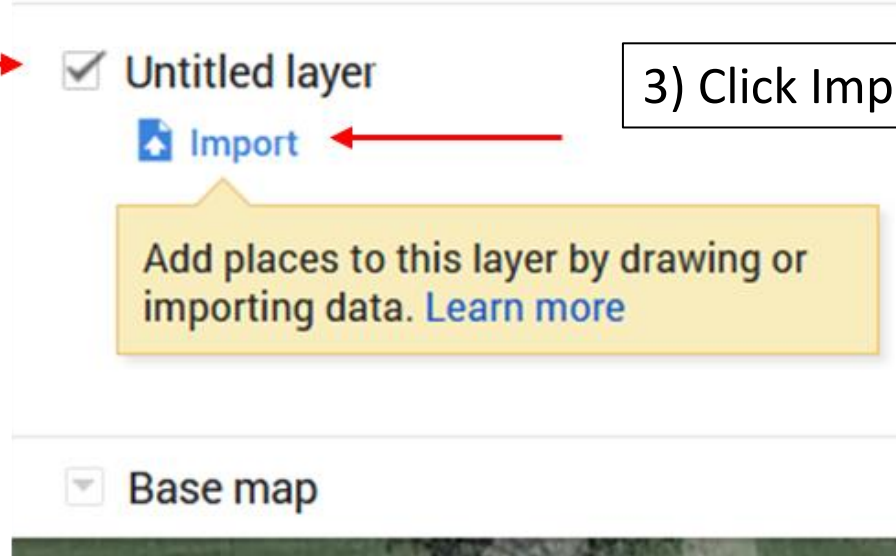
1) Add Layer



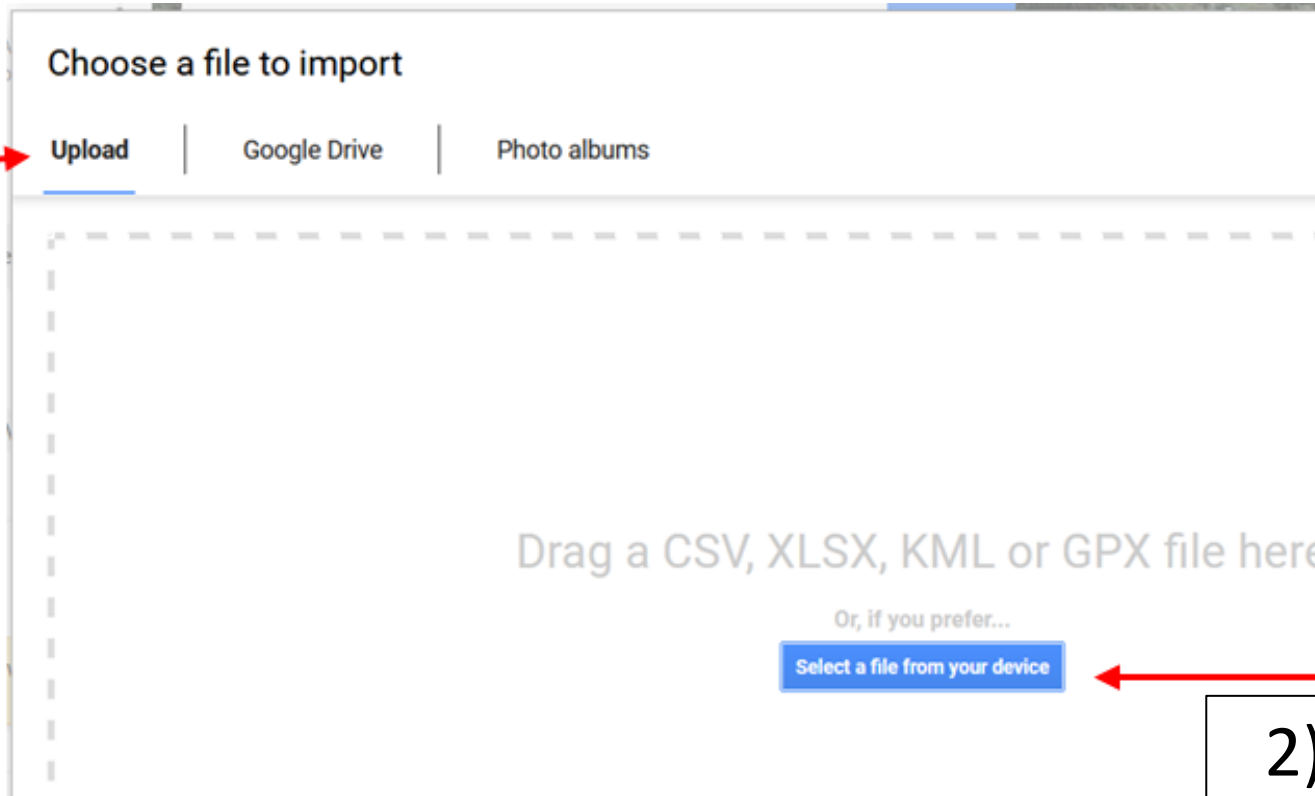
2) The new layer group is added



3) Click Import



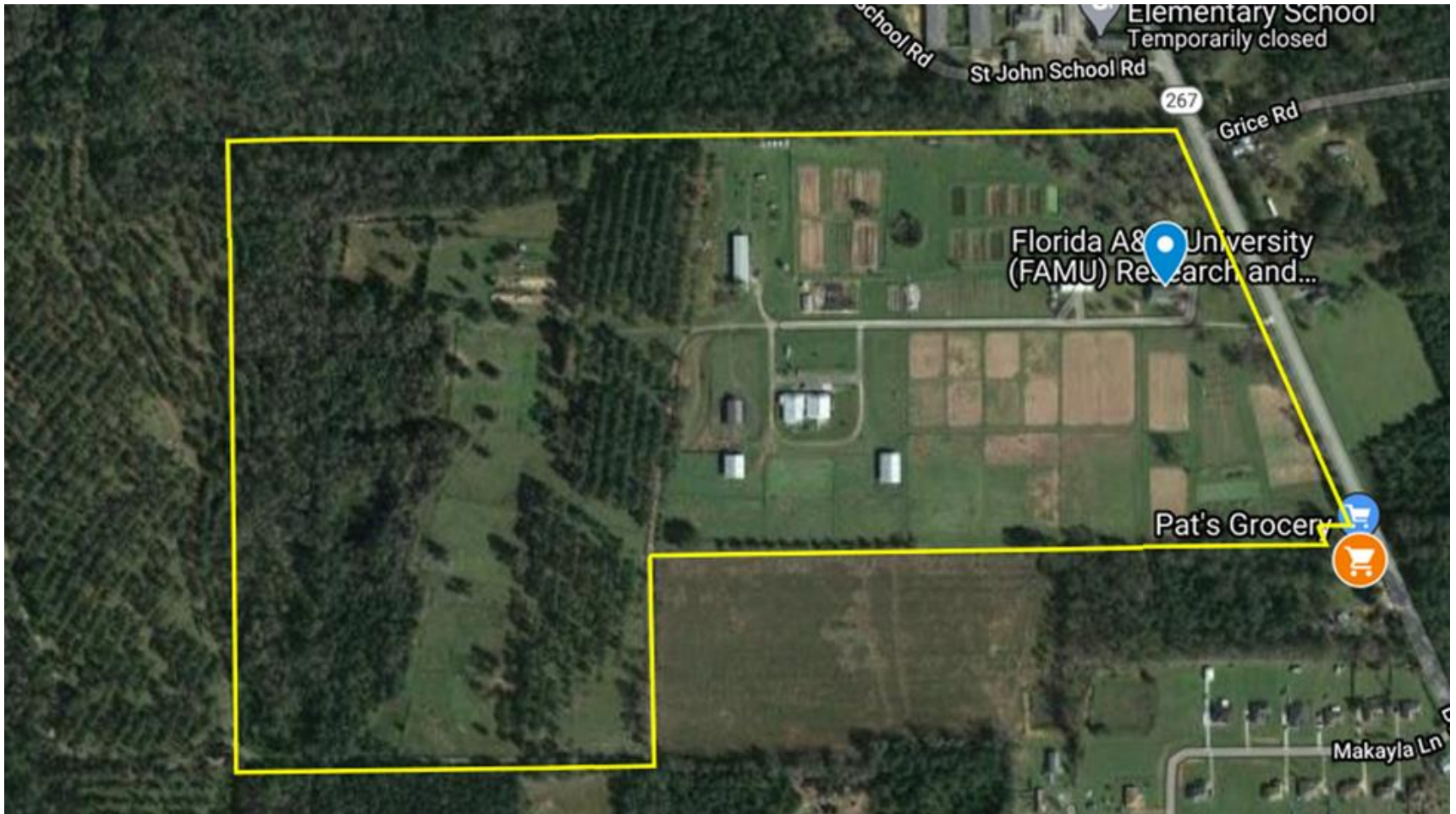
1)



2)

3) Navigate to your file, click on it and click on Open.

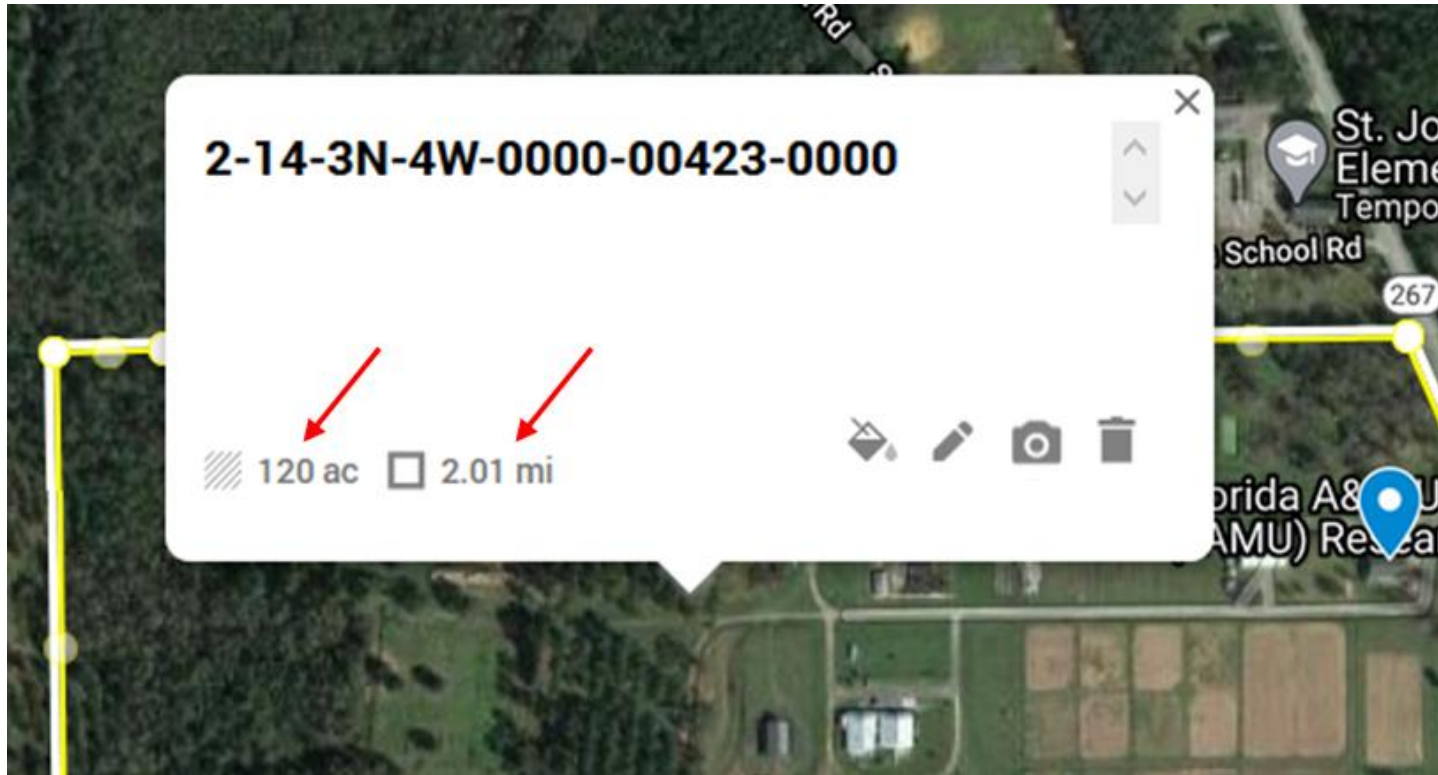
Viola!!



The layer group is renamed and the parcel is added to it with it's parcel number

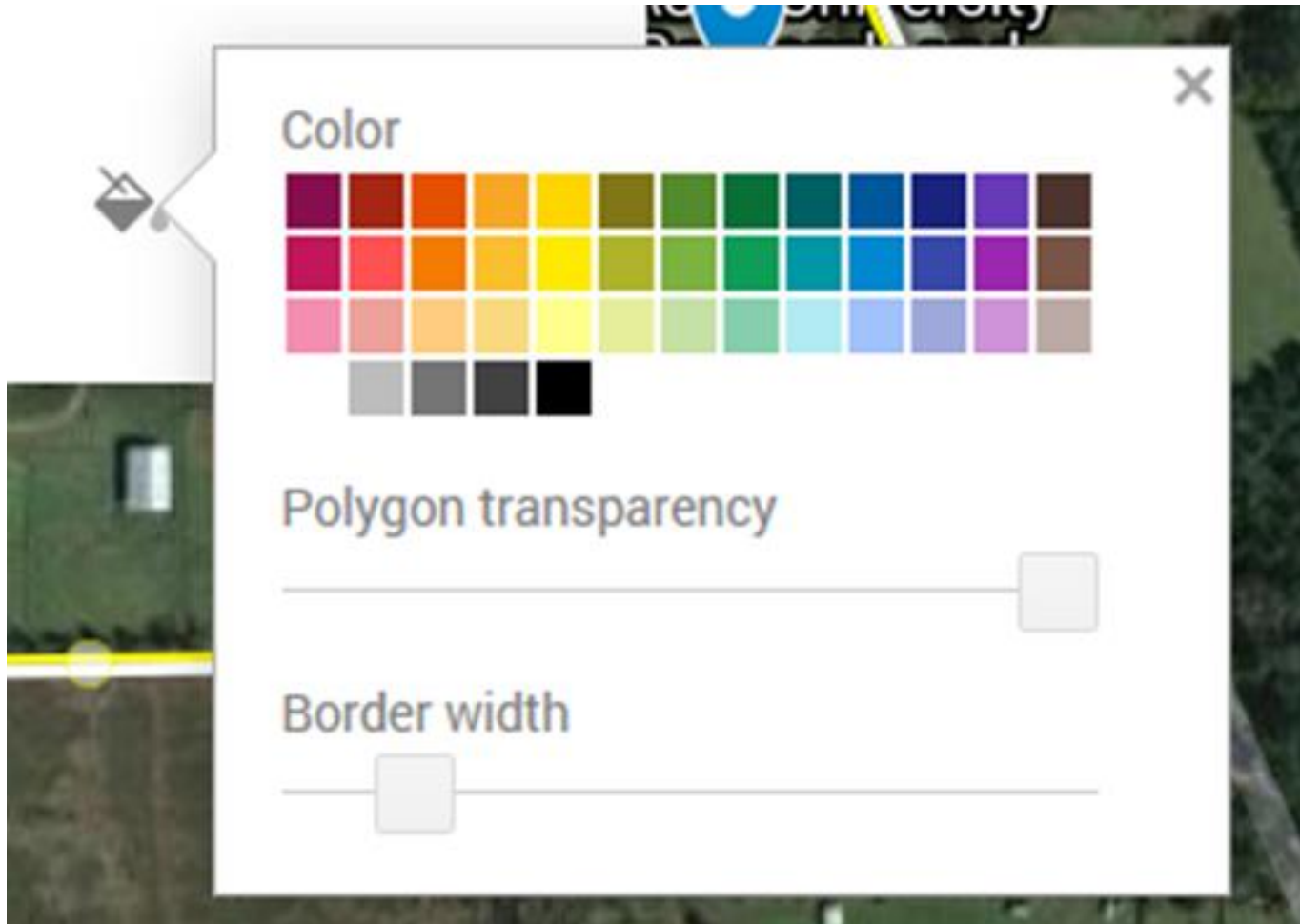


Click inside the parcel boundary and a pop-up window shows you some information.



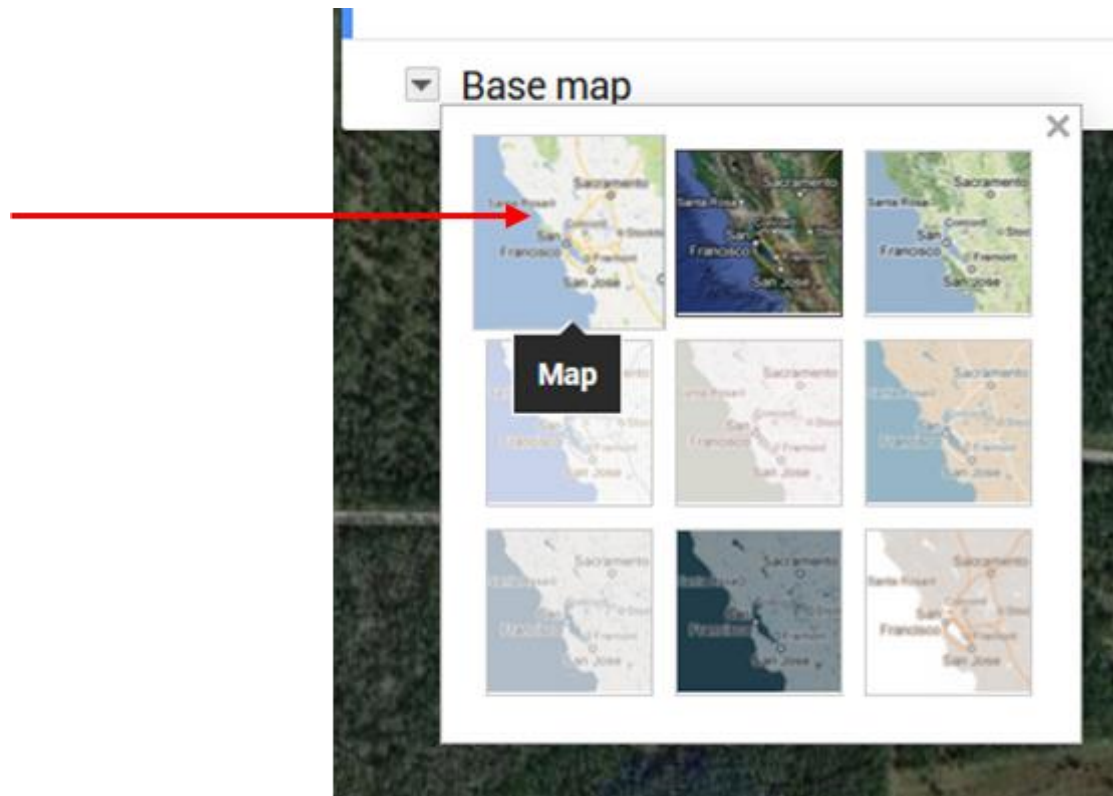
WARNING!!! Be careful that you don't accidentally click on the trash can symbol. If you do your layer will just disappear!!!

Click the paint can symbol and you can add a fill color, adjust its transparency and change the border color.

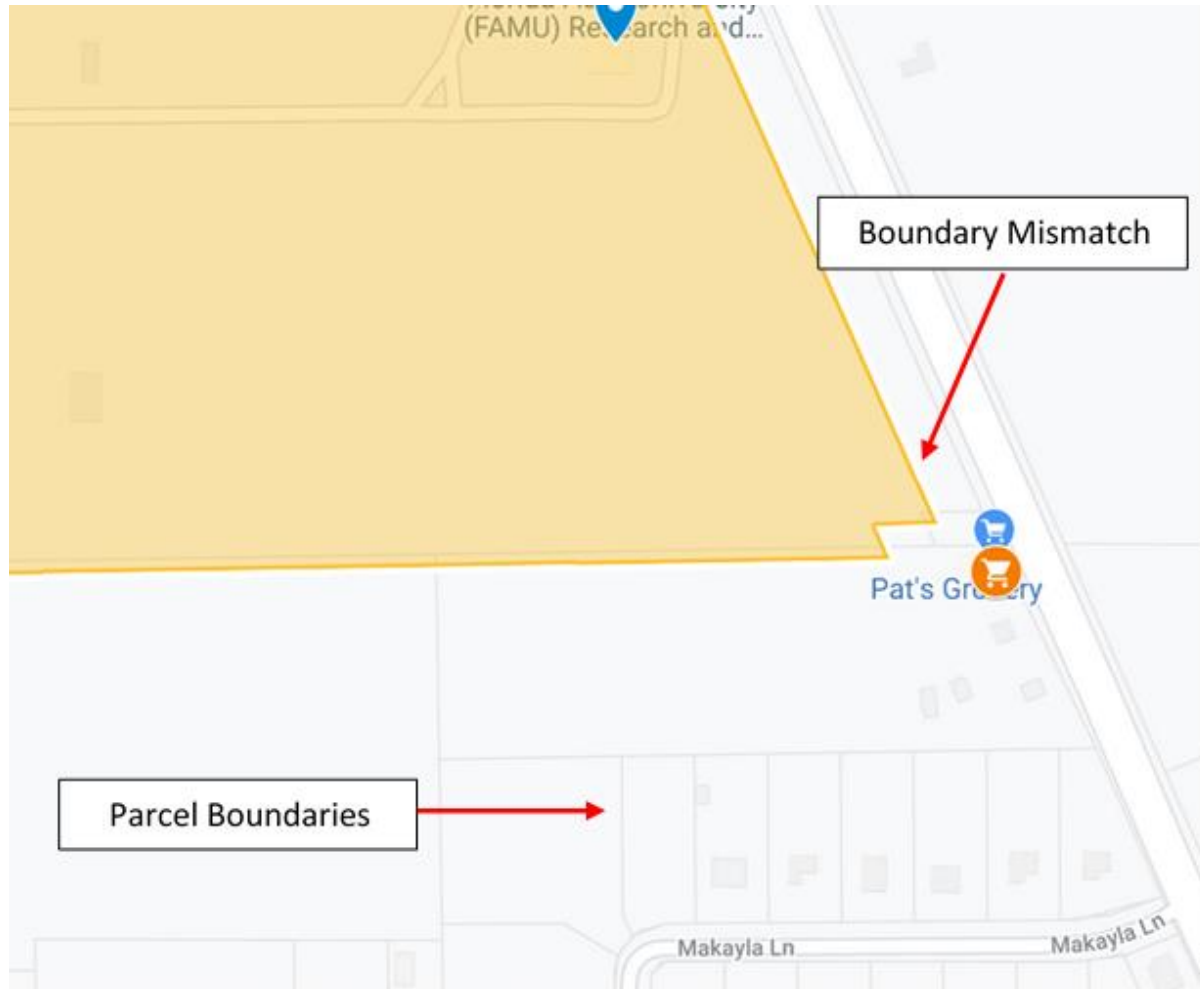


How to Draw a Parcel Boundary

Not all county property appraisers have downloadable files, but you can still draw the boundary on your map. To do this select the default base map again.



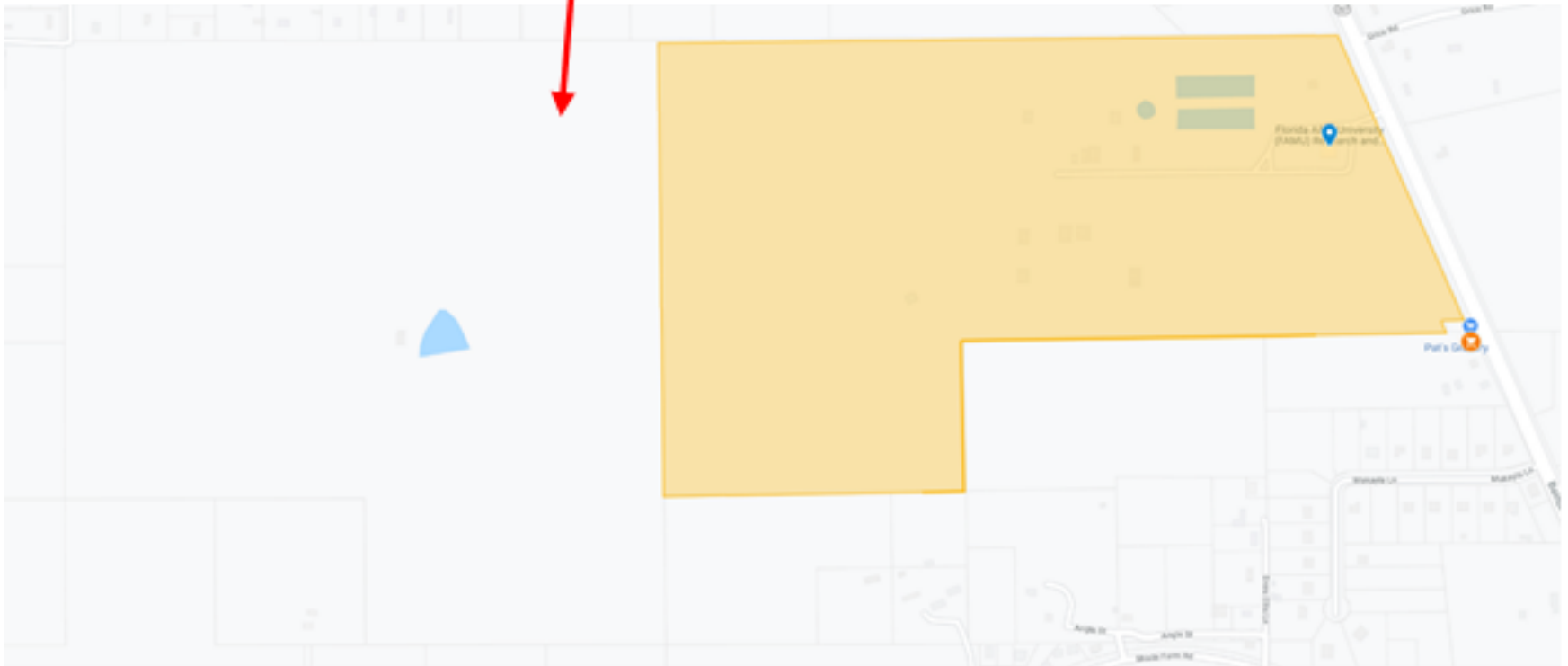
Zoom in on the FAMU boundary and you should see parcel boundaries appear. You may also notice that the FAMU boundary doesn't quite plot in the right place.



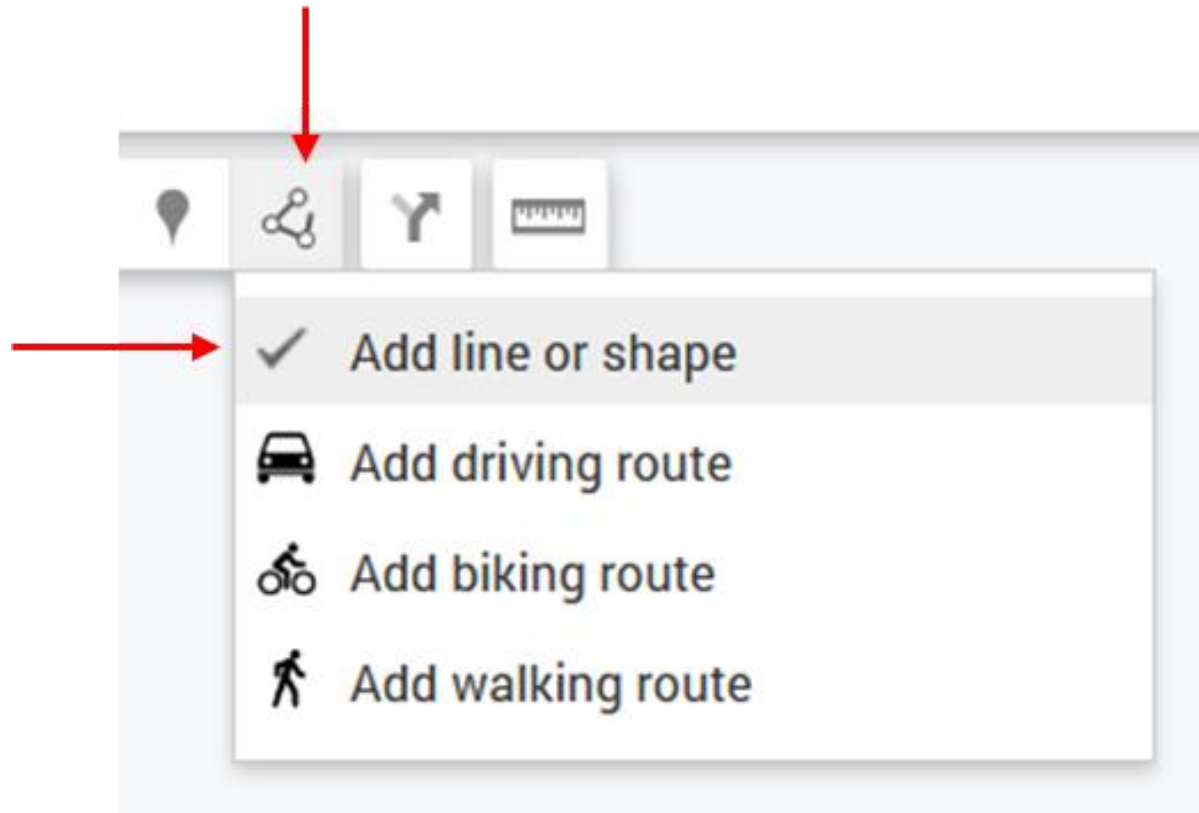
You can adjust the position of the boundary by selecting it and moving it with the hand cursor.



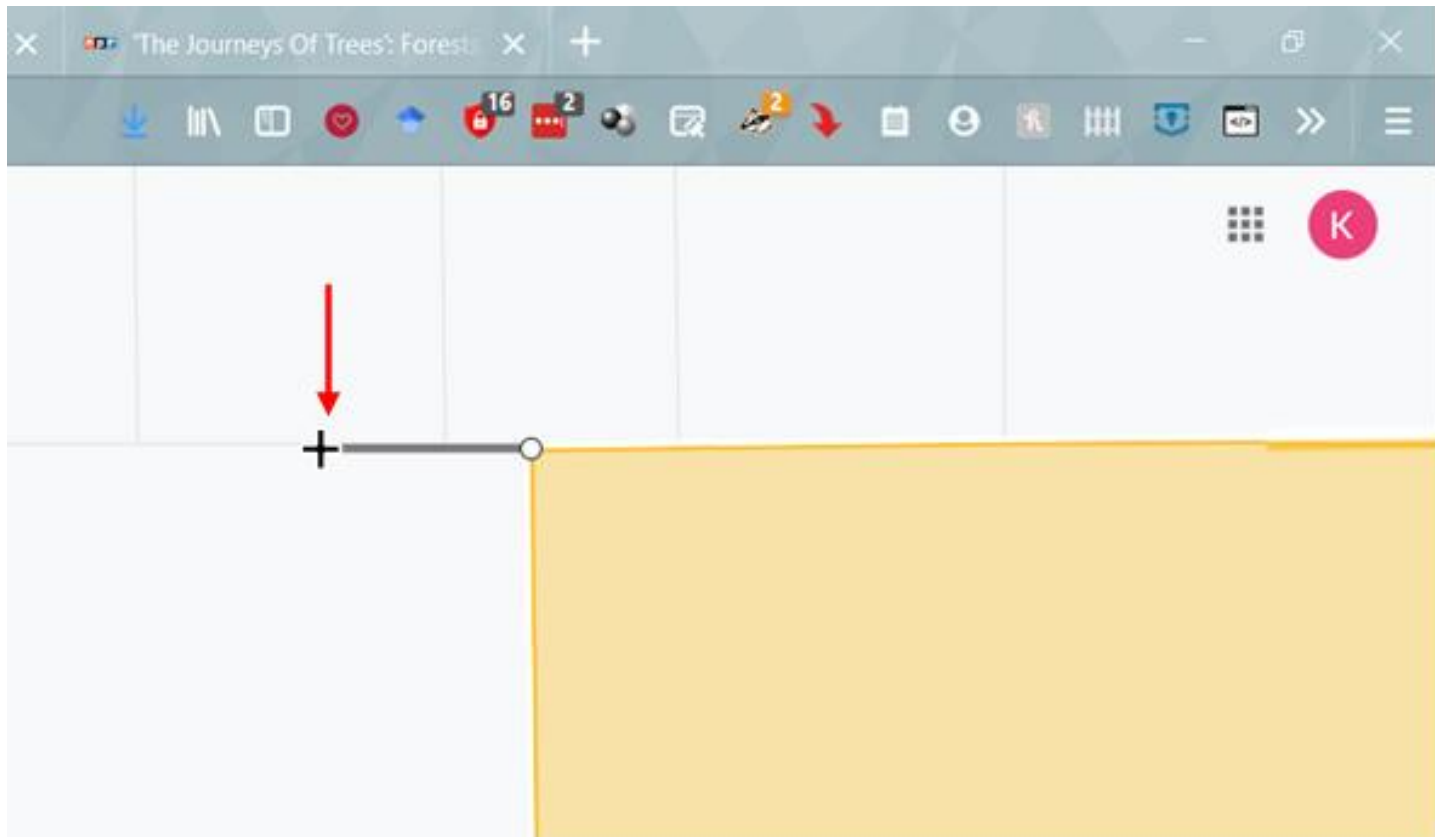
The FAMU research farm includes the land parcel directly to the west of the parcel we downloaded. We're going to draw this parcel directly onto the map.



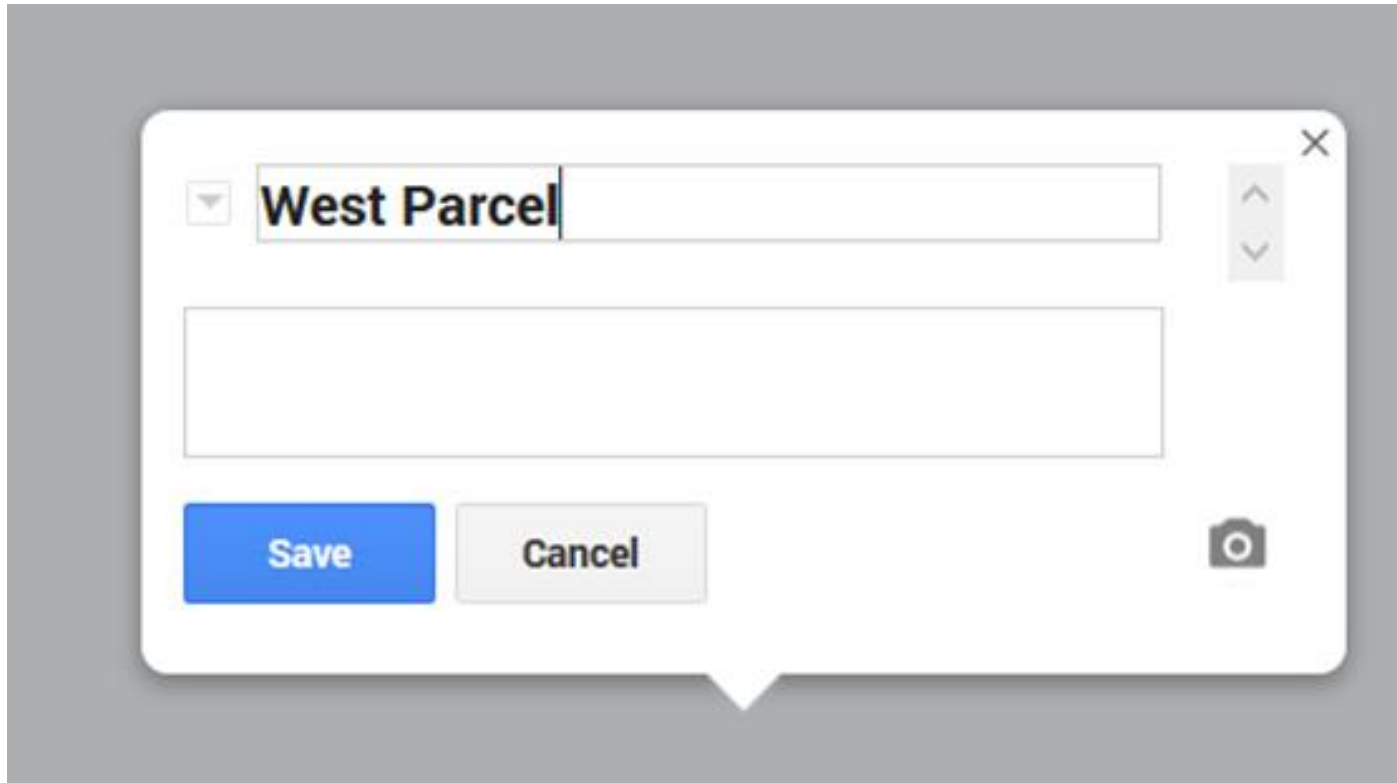
Click on the drawing tools and select the Add Line or Shape tool.



Now move to the map and click the crosshair on the northwest corner of the FAMU parcel. Set points by clicking in the corners and then click back again on the first point to close the polygon.

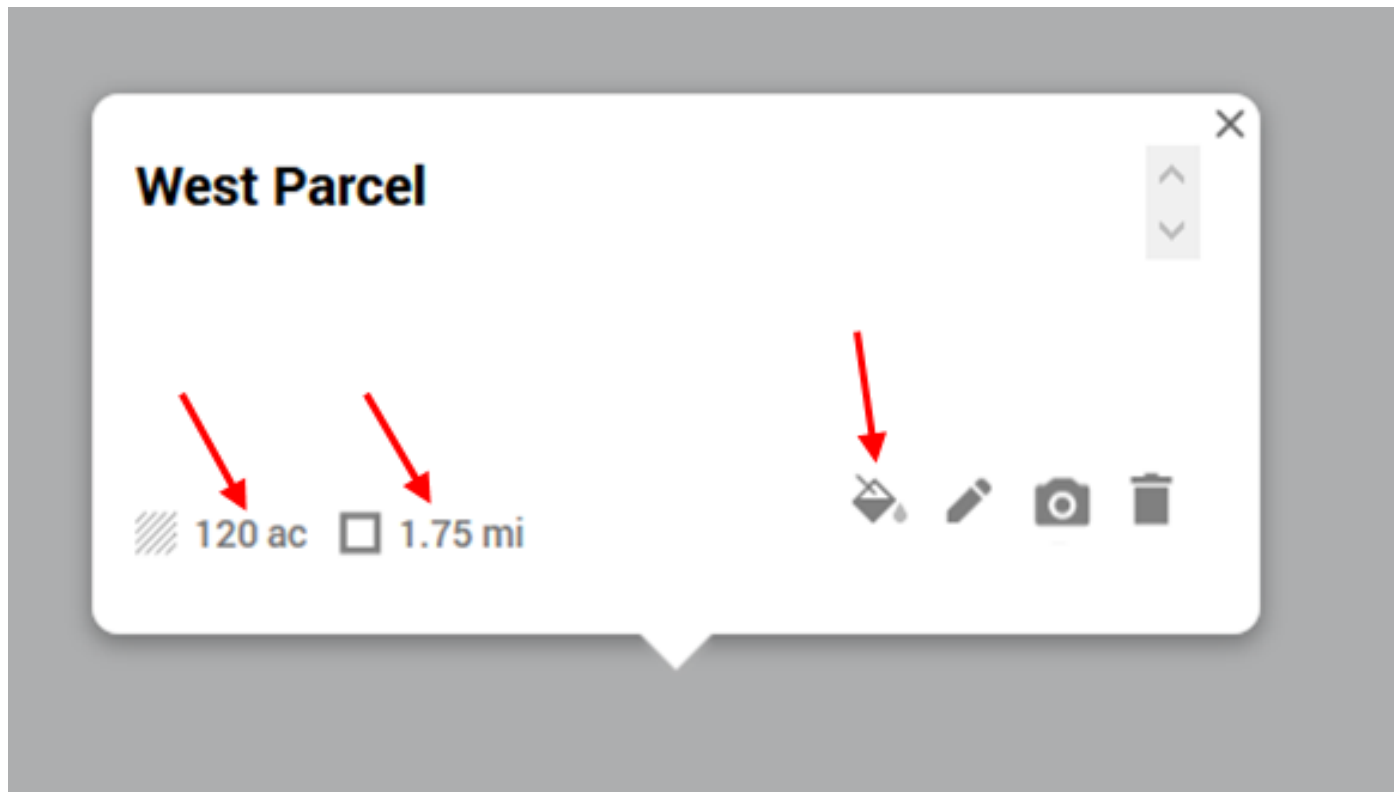


Type in a name for the parcel and save it.

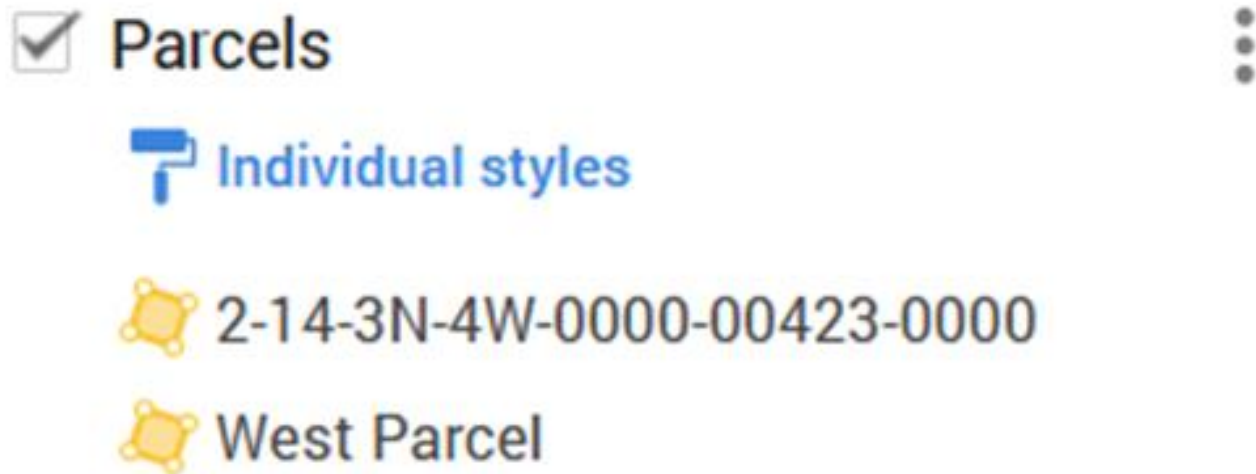


The image shows a mobile application dialog box with a white background and rounded corners. At the top right, there is a close button (an 'X' icon). Below the close button are two small, light gray buttons with upward and downward arrow icons. The main content area contains a text input field with the text "West Parcel" and a cursor at the end. Below the text input field is a larger, empty text input field. At the bottom left, there are two buttons: a blue "Save" button and a light gray "Cancel" button. At the bottom right, there is a camera icon.

You can adjust the symbology of the parcel as you did with the first one.

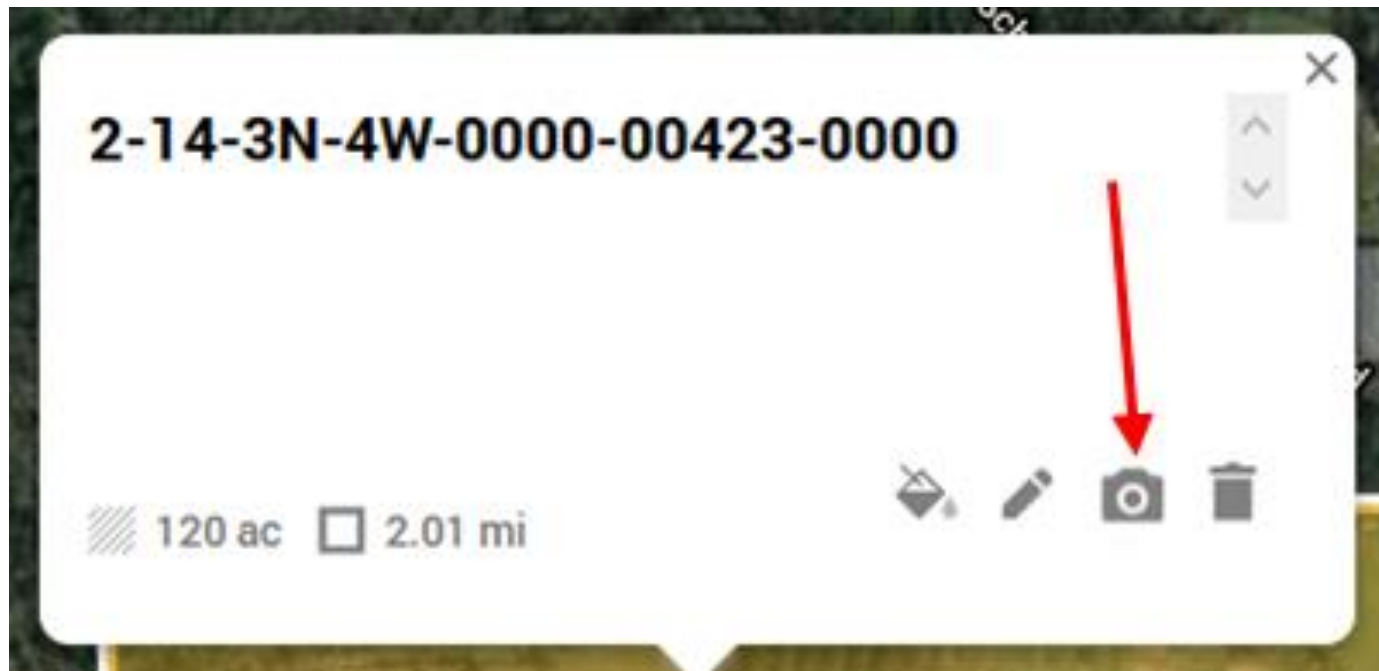


Rename the layer group if you want to.



Add Media (Pictures, Videos) to Your Parcels

Click inside one of the parcels and click the camera icon in its pop-up window



Class Exercise: There are a number of options for adding an image or video to your parcel. Spend some time experimenting with adding media to the parcel.
We will meet back in about 10 minutes.

Choose an image or a video

Upload

Image URL

Your photos

Google Drive

Google Image Search

YouTube Search

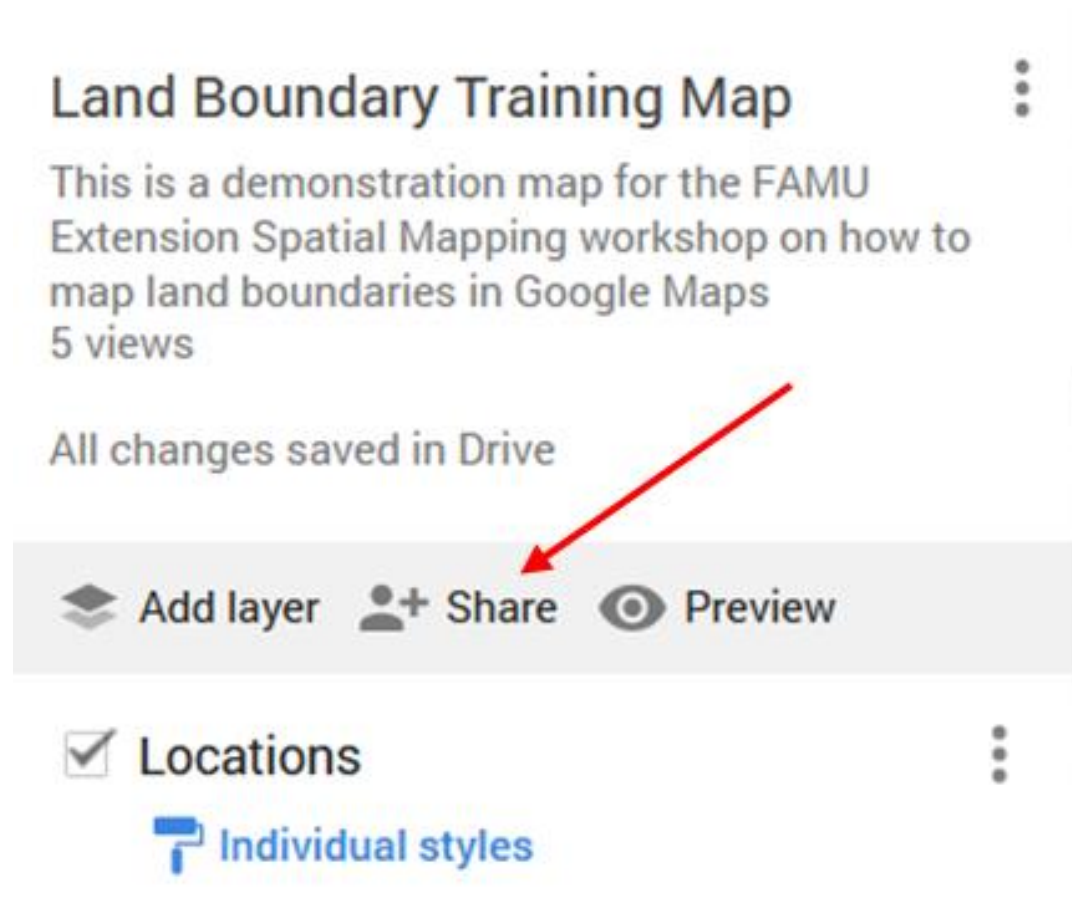
YouTube URL

Drag an image here

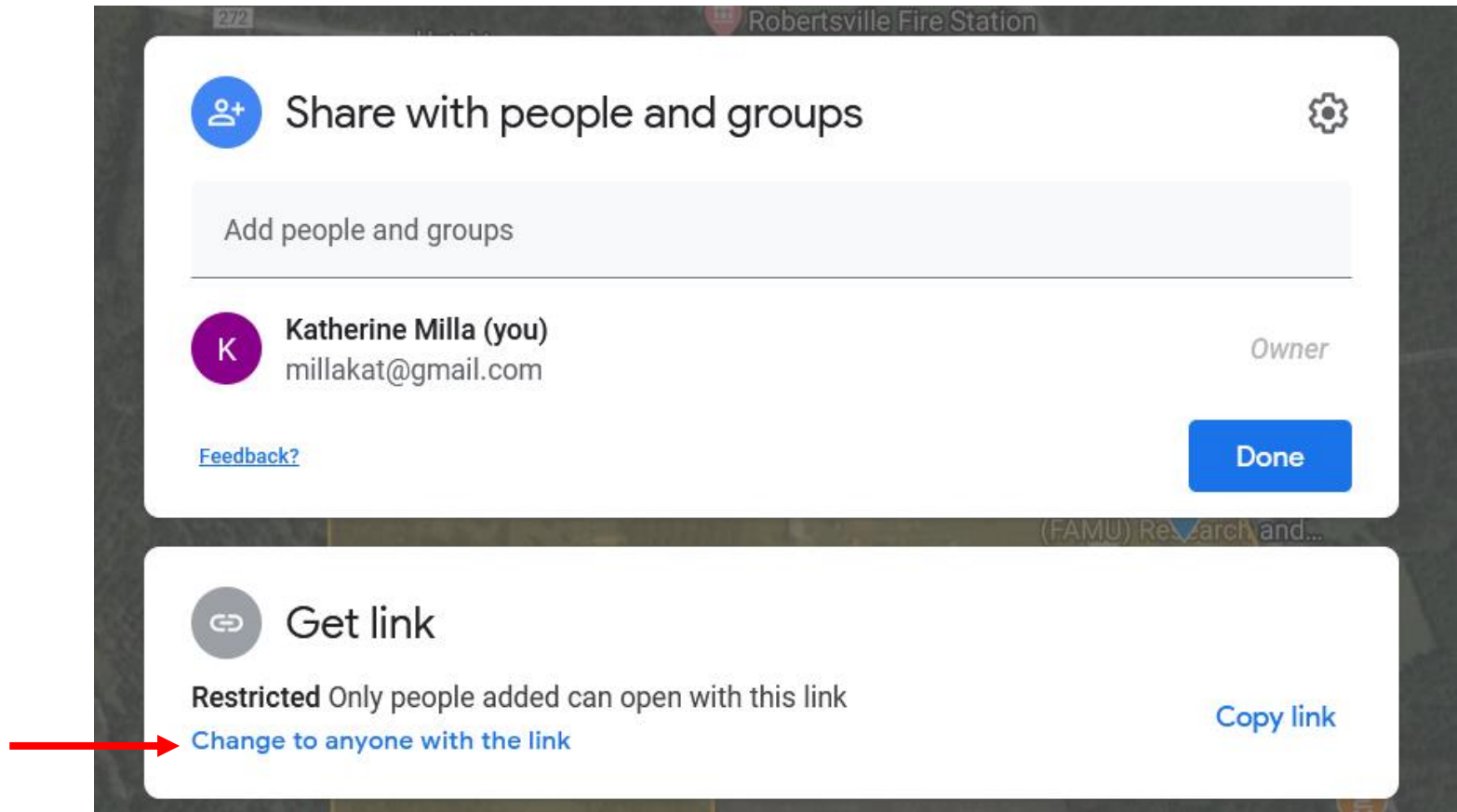
Or, if you prefer...

Select a file from your device

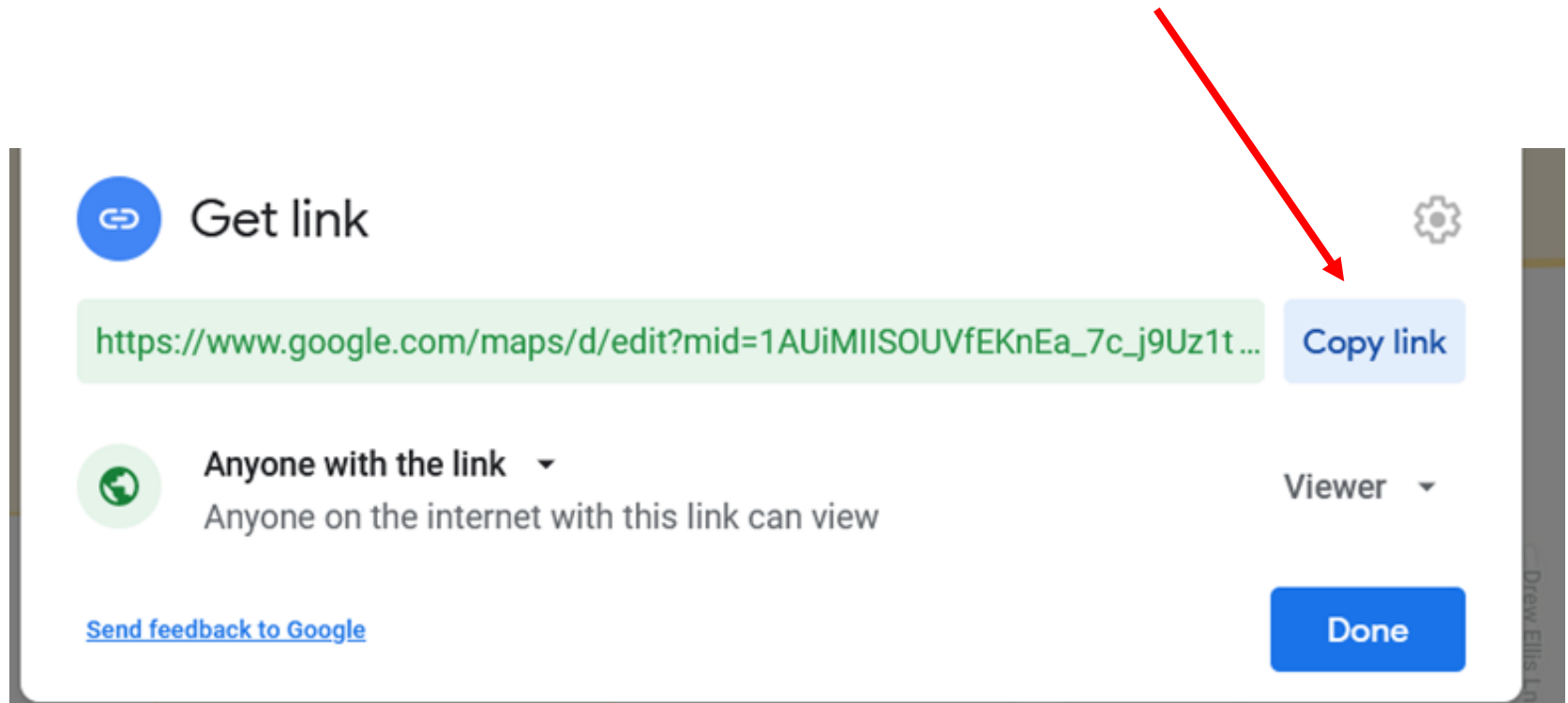
You can share your finished map by clicking on the Share icon.



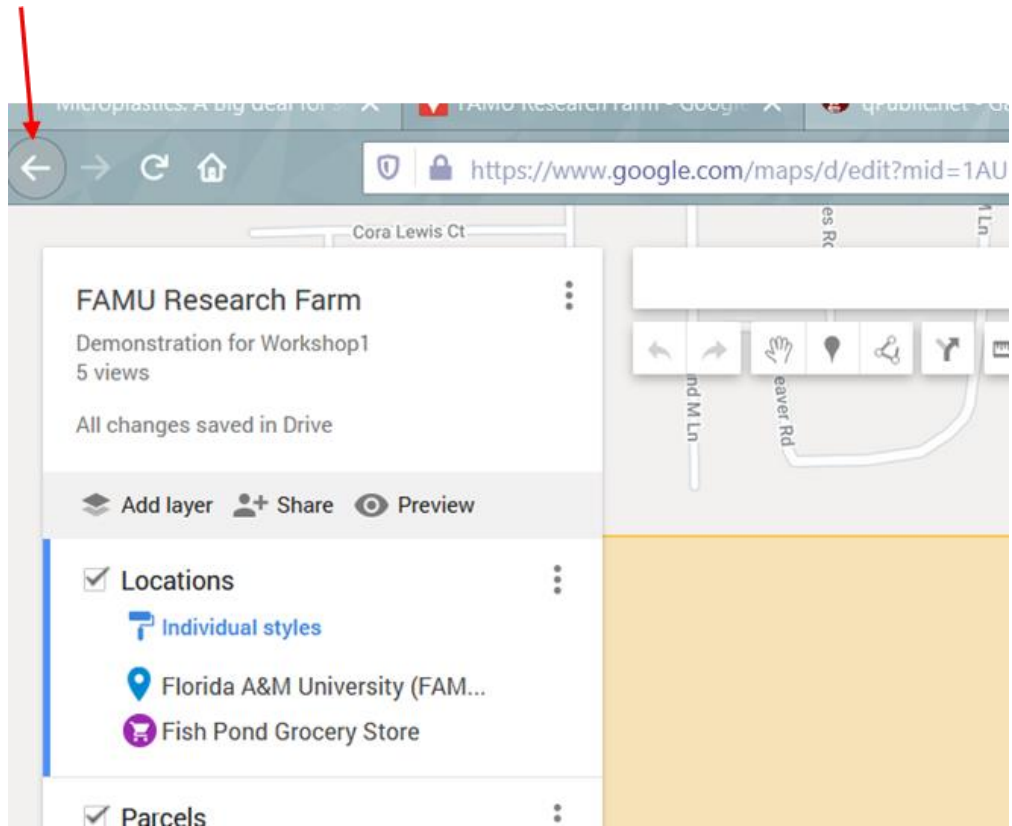
The best way to share your map is to allow anyone with a link to see it. If you see Restricted under Get Link click on Change to anyone with the link



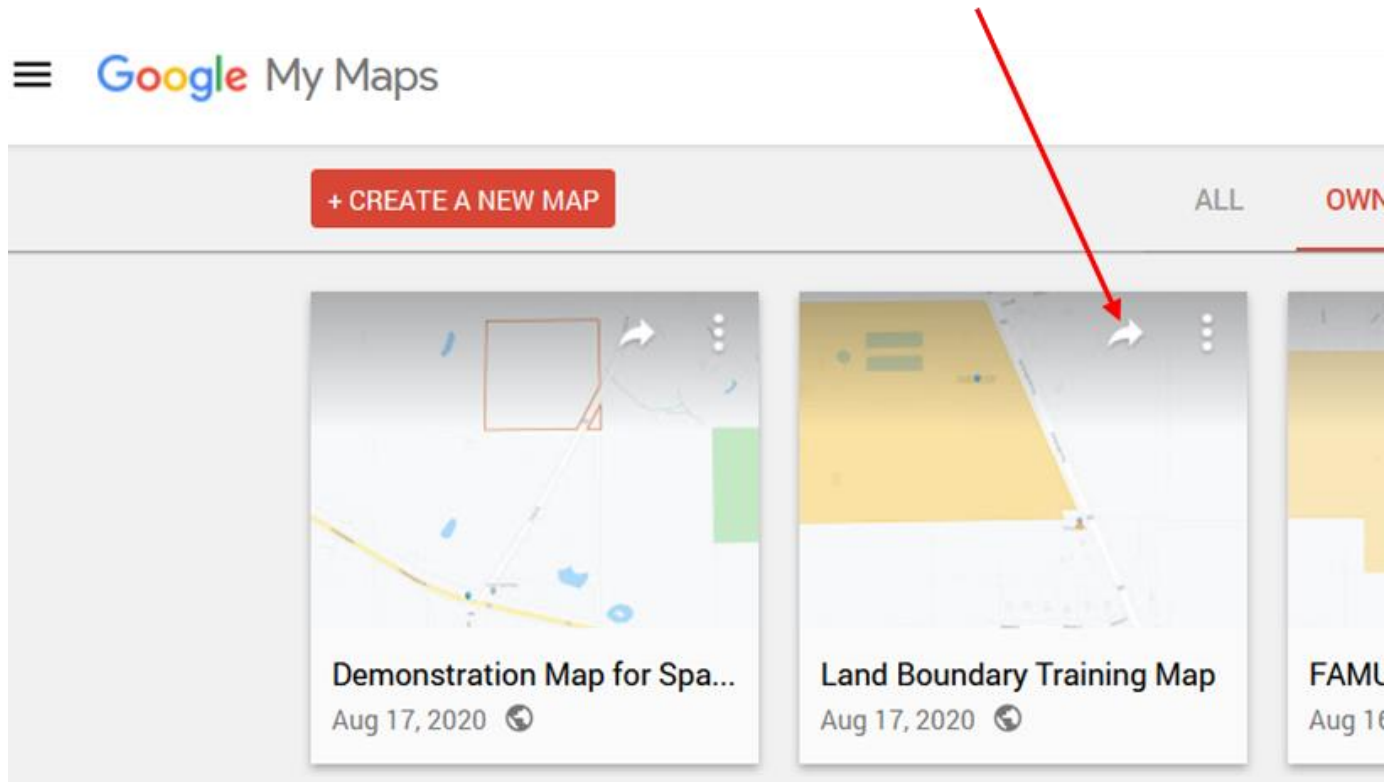
Now you can copy the link and send it to anyone you want to invite to view the map.

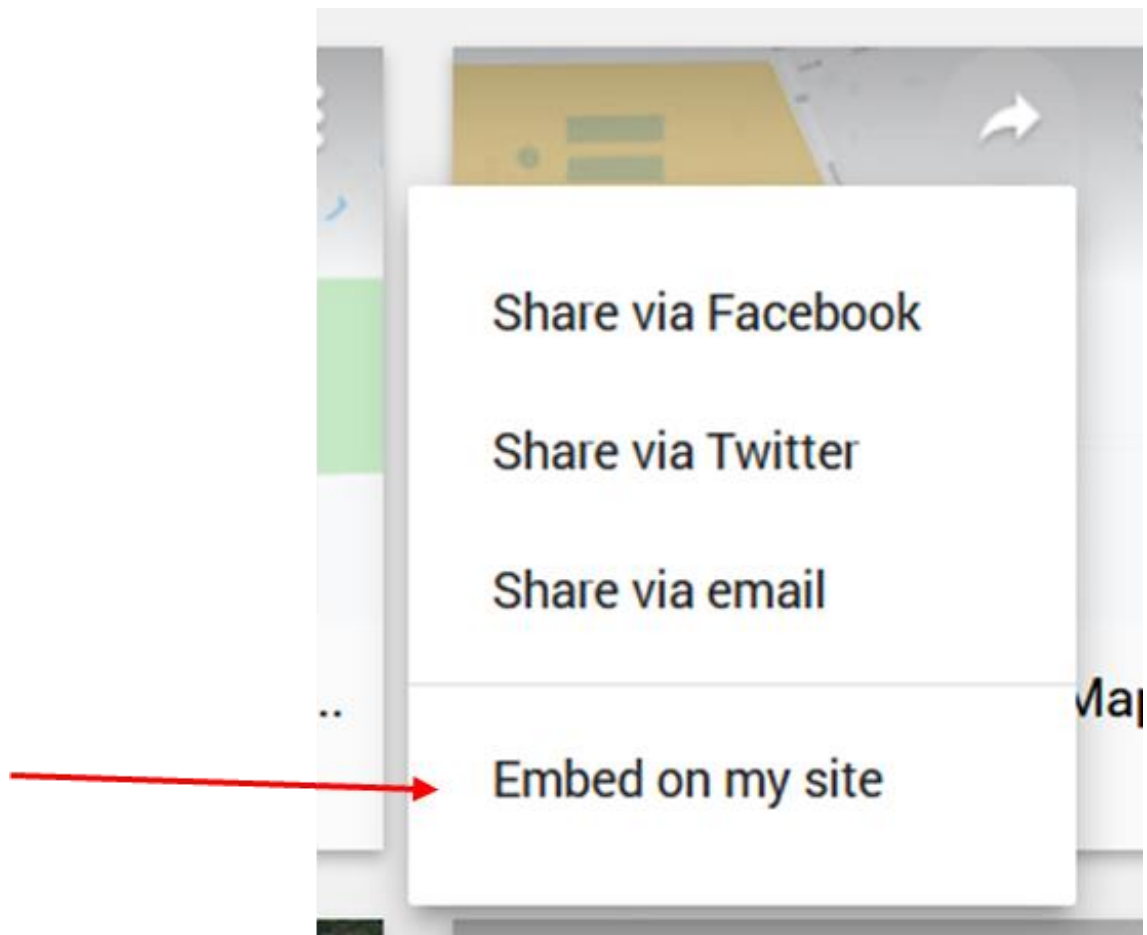


The screenshot shows the 'Get link' dialog box in Google Maps. At the top left is a blue circular icon with a white link symbol and the text 'Get link'. To the right is a gear icon. Below this is a green highlighted text box containing the URL: https://www.google.com/maps/d/edit?mid=1AUiMIISOUVfEKnEa_7c_j9Uz1t.... To the right of the URL is a blue button labeled 'Copy link'. Below the URL box is a section for sharing permissions, featuring a globe icon, the text 'Anyone with the link' with a dropdown arrow, and the description 'Anyone on the internet with this link can view'. To the right of this section is another dropdown menu labeled 'Viewer'. At the bottom left is a blue link that says 'Send feedback to Google'. At the bottom right is a large blue button labeled 'Done'. A red arrow points from the top right towards the 'Copy link' button.



Click on the white arrow at the top right of the map thumbnail.





Copy the HTML code and paste it into the source code of the web site.

Embed this map

To embed this map in your own website, copy the following HTML and paste it in the source code for your

page:
`<iframe src="https://www.google.com/maps/d
/embed?mid=1wKven4Q9Ve_my7_J_0wHZH5PssurStB9"
width="640" height="480"></iframe>`

CANCEL

OK