

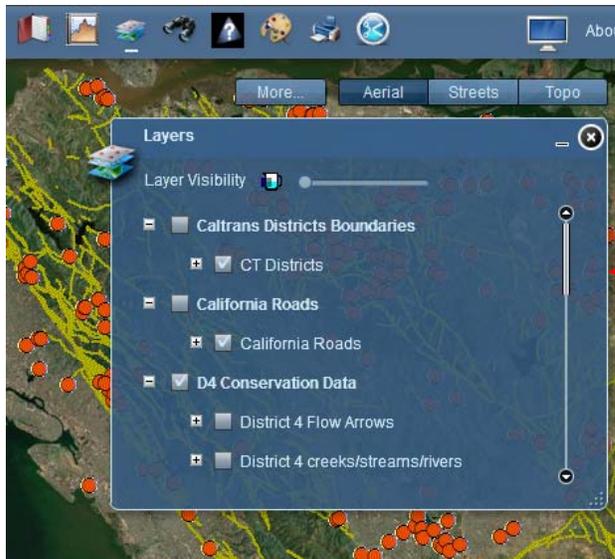
Functionality of Query Tool

Purpose

The purpose of the tutorial is to showcase the functionality of the Query Tool. Query is used to perform attribute search of the features displayed on the map.

Query Tool

1. For this tutorial we are using Conservation data and some of the layers from there. So click on the layers icon first and select the layers you require. Scroll down to select or remove some layers.



Select the layers that you require after clicking the LAYERS icon first

2. After the layer selection, close the layer panel and click on the Query Tool icon.

Query Tool Icon

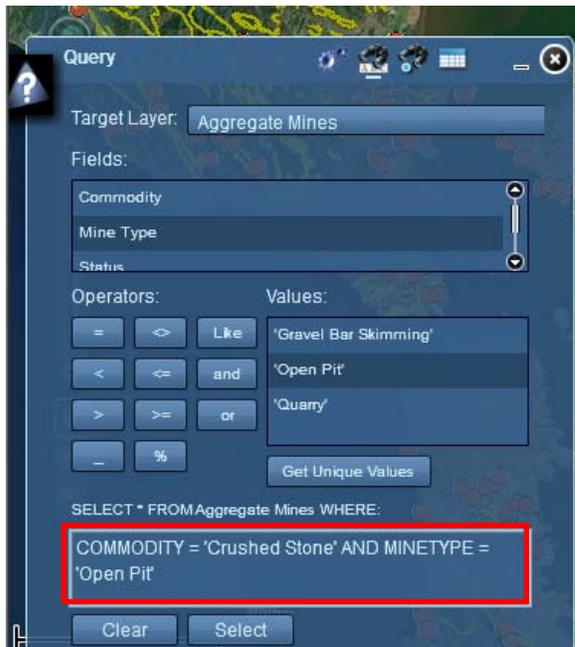


3. Our query will be performed on the layers we selected. You can add as many layers as you wish for query.

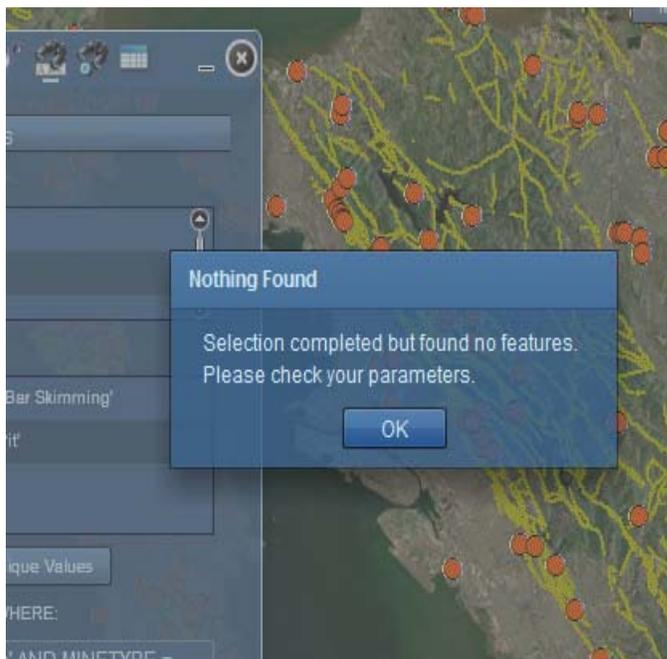


Double-click on Commodity or any other field you want to base the query on

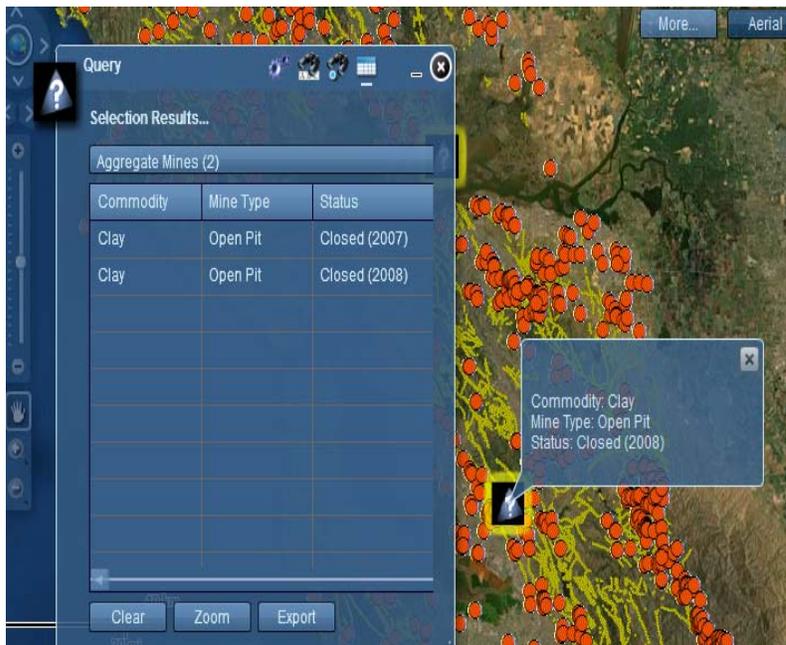
- For this query let's select Commodity and double-click on it. All the values for that field appear under VALUES. Now say we are looking for Commodity of Crushed Stone. Then we click on = and double click "Crushed stone" from the section under values. Also say we want to know Mine type that is equal to "Open Pit".



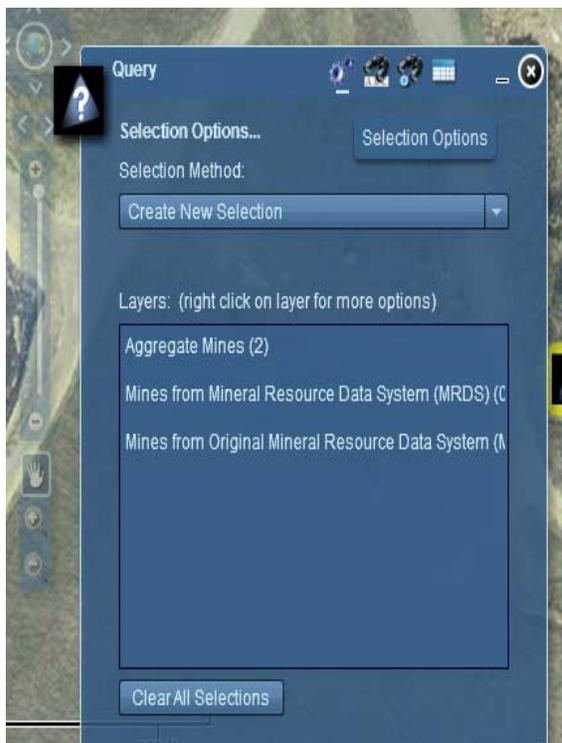
- After the query is set, click on Select. If you made an error in your query, it can be easily fixed in the query box.



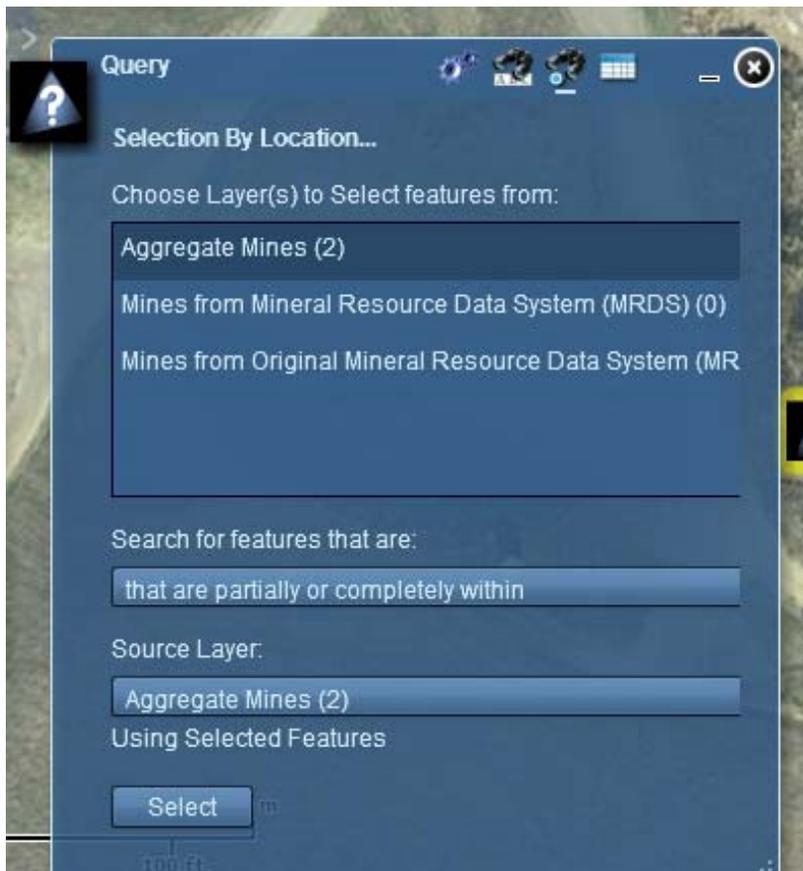
- Based on the criteria nothing was found. Let us change the parameter to only Commodity = Clay and click select. Now we got back 2 results. As you move down the result a pop up shows the location of the record that the mouse hovers over.



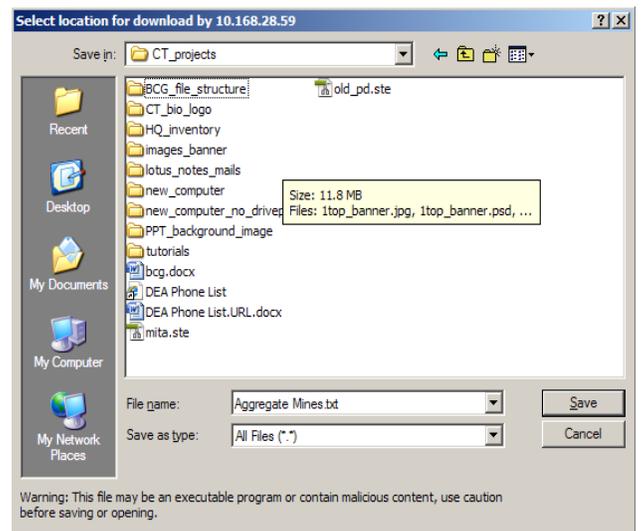
7. If you click on one of the records, it will zoom to that record. If the zoom in is more than the higher resolution of the map, you will lose the view of the map. So you click on the zoom out one time to view the map again.
8. You can define more selections during the same session. Select Create New Selection and click on the second icon Select by Attributes and you will get back to the original query box.



9. Or you can perform some partial analysis between the layers that are available. Select the features and click Select



10. You can save your query results in a text file. After you get your query results, click on export and name the file and save it in a desired location.



For a video tutorial of this topic, visit http://env.dot.ca.gov/env_gis/tutorials/query/query.html