


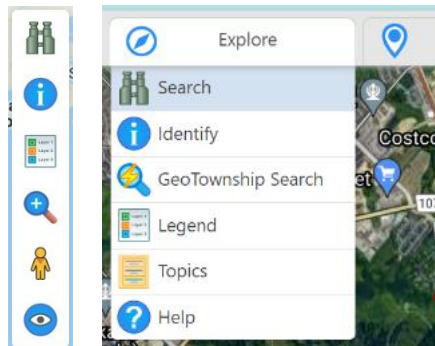
GeoViewer - Search

Quick Tips

How do I search for a specific feature(s) of interest and find its related information?

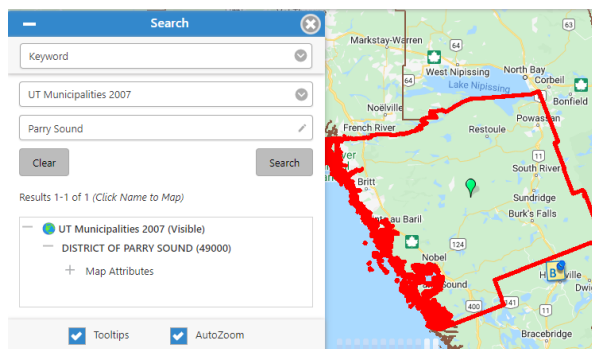
Select the Search Tool  by selecting the Search button in the bottom right short cut menu or under the “Explore” tab in the top left corner. You can then find features by:

- Keyword
- Address
- GeoTownship Search
- Pointing
- Distance
- Polygon
- Intersection
- Google Places
- Coordinates



Keyword: How do I search for features using a keyword?


- 1) In the search form select “Keyword”.
- 2) Select the map layer that contains the features of interest.
- 3) Input a search keyword(s). The application will search all the Fields (i.e. all attribute fields for the map layer).
- 4) Click “Search”.

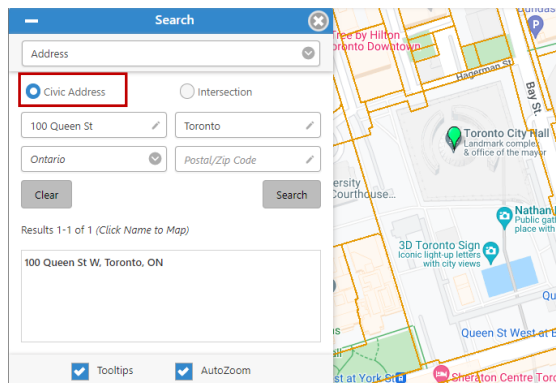


The matching features will be shown in the results box and highlighted on map in red. You can select one of the features by clicking on its name. The map will zoom and center on the feature and it will be highlighted in blue to indicate that it is selected.

*If you use more than one keyword, only features with all the keywords used are listed. If you use more than one keyword, leave a space between the words (don't use a comma or semi-colon).

Street Address: How do I search for features using a known street address?

- 1) In the search form select “Address”.
- 2) Click on the “Civic Address” radio button.
- 3) Input the street address and/or City and/or Postal Code and click Search.
- 4) All matching addresses will be listed in the Results field. Click on the value that most closely represents the location of interest and the map will zoom to that location, highlighted in blue, and place an  icon there.



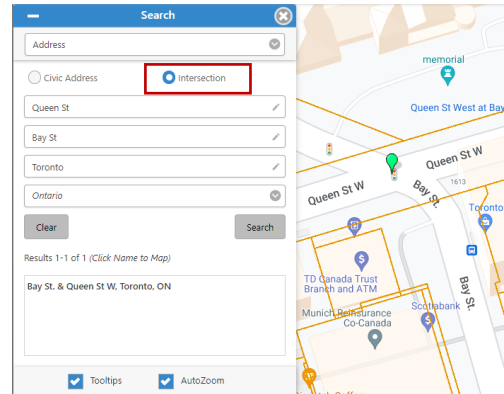
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Street Intersection: How do I search for features using a street intersection?

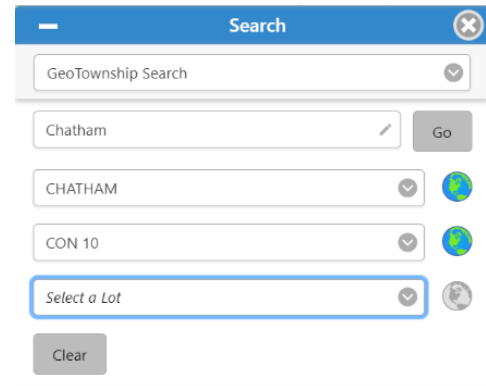
- 1) In the search form select "Address".
- 2) Click on the "Intersection" radio button.
- 3) Input two intersecting street addresses.
- 4) All matching addresses will be listed in the Results field. From there you can use your Identify tool to select any features in that area.

For Example: If I wanted to find all features near Queen St and Bay St in Toronto, I can use the Intersection tool to map it and then select the feature of choice using the Identify tool (as seen in this photo).



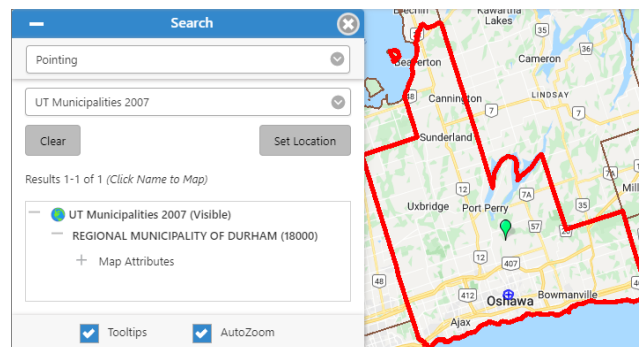
GeoTownship Search: How do I search for a Geographic Township, Concession and Lot?

- 1) In the search form select "GeoTownship Search".
- 2) Begin by typing a geographic township in the Keyword search field and select "Go". The first picklist will become enabled and allow the user to select a matching township.
- 3) Once selected, the first globe icon will become enabled which will map the geographic township when selected. The second picklist will also become enabled allowing the user to select any concession that exists in that township.
- 4) Once a concession is selected, the second globe icon will become enabled which will map the concession boundaries when selected. The third picklist will also become enabled allowing the user to select any lot that exists in that concession.
- 5) Once a lot is selected, the third globe icon will become enabled which will map the lot boundaries when selected.



Pointing: How do I search for features by just pointing to it?

- 1) In the search form select "Pointing".
- 2) Select the map layer that contains the features of interest.
- 3) Click on the "Set Location" button.
- 4) Click on the map to select a feature. If you click on the perimeter of a feature or where there are several features, the system will return more than one result.
*If you are zoomed out from the features, several features might also be selected.
- 5) The Selected Features list shows the feature(s) that have been selected. You can select just one of the features by clicking on its name. The map will center on the feature and it will turn blue to indicate its selection.

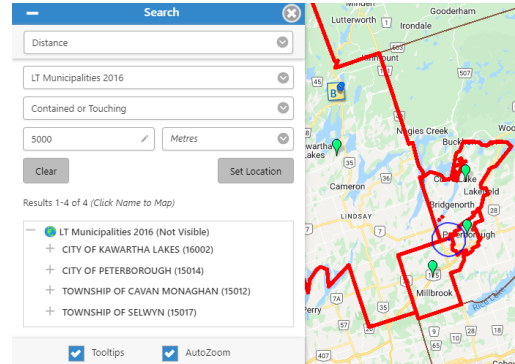


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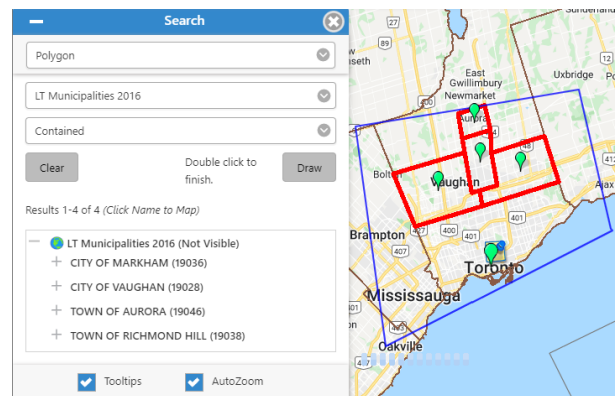
Distance: How do I search for features located within a certain distance from a point on the map?

- 1) In the search form select "Distance".
- 2) Select the map layer that contains the features of interest.
- 3) Indicate if the features that get selected are completely within (Contained) or partially within the circle (Contained or Touching).
- 4) Define the distance or radius (and the unit of measure) from the point of interest.
- 5) Click "Set Location" and then click on map to define the center of the search circle. The system will draw a blue circle around that point and select all features within the circle (or within and touching it).
- 6) You can select just one of the features by clicking on its name. The map will center on the feature and it will turn blue to indicate its selection.



Polygon: How do I search for features within a specific polygon/area on the map?

- 1) In the search form select "Polygon".
- 2) Select the map layer that contains the features of interest.
- 3) Indicate if the features that get selected are completely within (Contained) or partially within the polygon (Contained or Touching).
- 4) Click "Draw" to put you into that mode. The cursor will change and you can define the polygon by drawing it on the map. Start the drawing by placing the cursor at one of the vertices, clicking and moving to the next vertex. Double-click to complete the polygon and initiate the selection.
- 5) The Selected Features list shows the feature(s) that have been selected. You can select just one of the features by clicking on its name. The map will center on the feature and it will turn blue to indicate its selection.

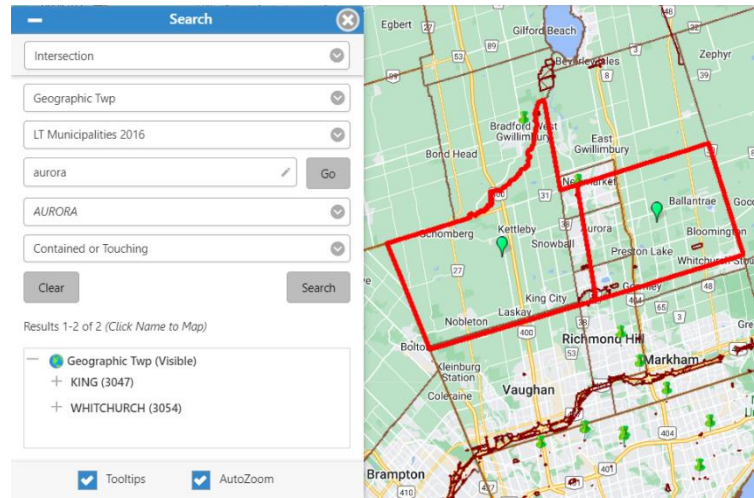


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Intersection: How do I search for features that intersect in two layers of the map?

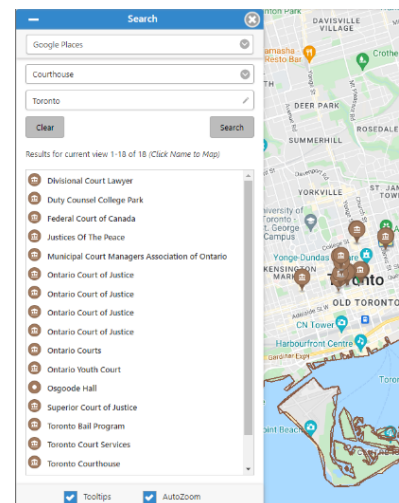
- 1) In the search form select "Intersection".
- 2) Select the map layer that contains the features of interest.
- 3) Select the map layer ("Intersect with") that has the feature that will be used to do the intersection (the cookie cutter).
- 4) Type all or part of the name of that intersecting feature in the "Intersecting Feature Keyword" field and click "Go".
- 5) All features with that keyword are listed in the "Found Intersecting Feature" picklist. Select the feature you want to use to intersect with (the cookie cutter feature) and decide whether the features being selected by that feature are completely within it or within and touching.
- 6) Click "Search". The chosen feature acts like a cookie cutter by selecting features on the other layer. You can select just one of the features by clicking on its name. The map will center on the feature and it will turn blue to indicate its selection.



The example shown is of an Intersection search finding all Geographic Townships within a specified LT Municipality, Aurora. The results, King and Whitchurch, are shown in the results list and highlighted in red on the map.

Google Places: How do I search for features that are located near common points of interest like Banks, Malls or Airports?

- 1) Zoom in a little and center the map on the general area of interest. The Google Place search cannot be conducted from the fully zoomed out view of the province and cannot search for features outside of the map view.
- 2) In the search form select "Google Places".
- 3) Select the place name using the drop-down menu, "Select Type" and enter the keyword(s) for the search.
- 4) Click "Search". The matching Place Names will be listed in the Results window.
- 5) Click on any of the results and the system will zoom to that location and highlight with a map icon.



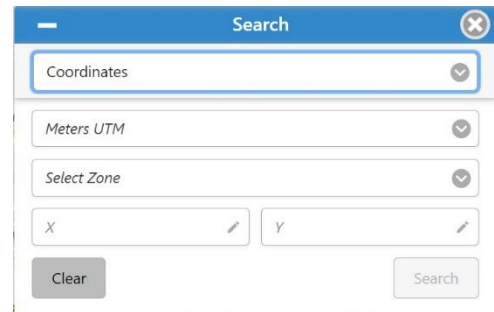
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- 6) Click on the Place Name icon to do an Identify. GeoViewer will display both the Google Place Name content and information from intersecting map layers in the Identify form results.

Coordinates: How do I search for features using a set of coordinates?

- 1) In the search form select Coordinates.
- 2) Select the coordinate systems you would like to use. The ones available are; Meters UTM, Meters Google Mercator, Decimal Degrees, and Degrees, Minutes, Seconds
- 3) Enter your coordinates.
- 4) Click "Search". The map will zoom into the point location.



The screenshot shows a search window titled "Search" with a close button (X) in the top right corner. The window contains several dropdown menus and input fields. The first dropdown menu is labeled "Coordinates" and has a checkmark icon. Below it are two more dropdown menus: "Meters UTM" and "Select Zone", both also with checkmark icons. At the bottom, there are two input fields labeled "X" and "Y", each with a pencil icon for editing. Below the "X" field is a "Clear" button, and below the "Y" field is a "Search" button.

How do I know where my results are on the map?

The results of a search are displayed below in the results box and highlighted on the map in a red outline colour. If you select one of features in the results box it will become highlighted on the map in a blue outline colour.

If there is only one result and AutoZoom has been selected (at the bottom of the search result box) the display will automatically zoom to the location and extent for the result.