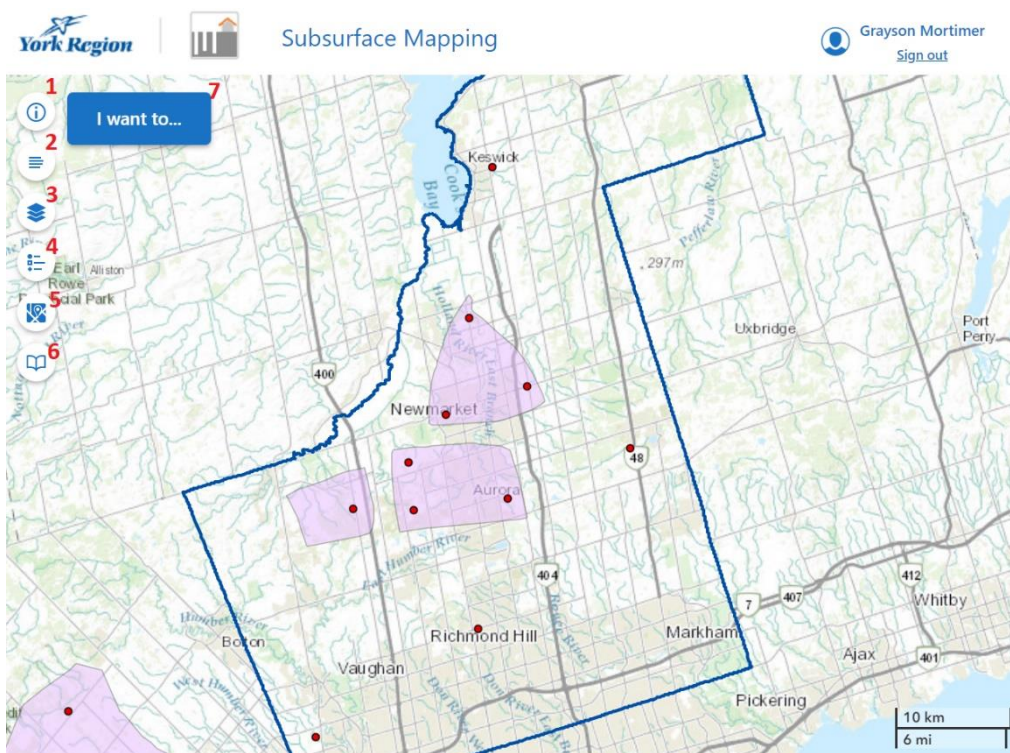# Subsurface Mapping User Guide

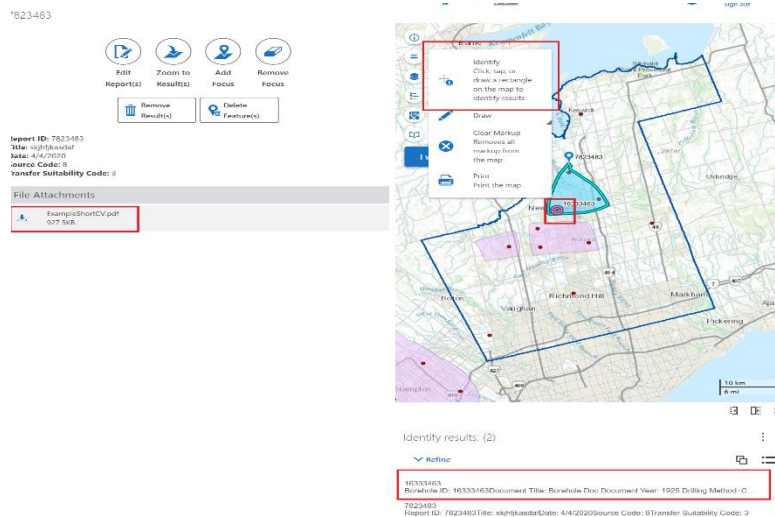A How – To Guide to York Region Borehole Geocortex Web Application

Contents

Notes and User Guide

This icon provides the user quick access tips and tricks to navigate the web app, located as an easy to refer to feature it can jog users memories or facilitate a smaller initial learning curve.

Editing Tools

Identify

Allows the user to click on locations on the map, it provides informational HTML popups, when searching for content on the map. This will also provide a name of the borehole and results at the bottom of the interface. Clicking on a report will open a larger ID window and show hosted .pdfs or other documents associated with the location.

Draw

This feature allows the user to draw a point, line or polygon on the map. This is mainly for display purposes as it is a standard feature within Geocortex.

Clear Markup

Will remove all drawn features, not including any hosted feature layers or associated information, this function is the proverbial etch n sketch.
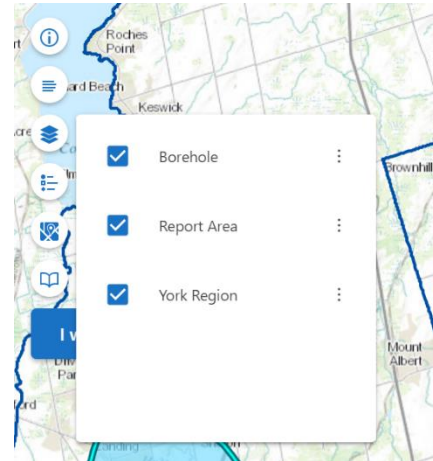
Print

This feature allows you to highlight a section of the map for printing and use the desired scale. The added functionality is a built-in feature to remove the need of screenshots or full internet browser printing. Useful for incorporation into professional documentation.

Layer Management

This icon allows the user to toggle off and on the layers being examined, the purpose of this function is to allow focusing of the map screen. When printing reports or communicating results it allows the user to determine the focal point of the visual surface.

Clicking on the layer itself will allow the user to zoom to layer and back up to the closest scale where still visible.

Legend

This icon lets the user toggle the legend off and on, providing the user a reference of what the map consists of.

Basemap Toggle

This allows the user to determine what basemap they want to display on the web app. Basemaps are provided by ESRI, OSM, and National Geographic.

Bookmark Locations

This is where the user can add their own bookmarks for later reference or delete old bookmarks to clear the current settings.

Borehole Specific Tools

Add Borehole Log

This function allows the user to create a new borehole log, once the icon is clicked the user will designate a location on the map, add the report ID, document title, document year, drilling date, and what method is used for it. These fields are constricted where able to allow attribute searching and data consistency. At the bottom of this function is where the user enters their report, typically in the form of a .pdf

Add Consultant Report

This function allows the user to select the report area, input the desired attributes. This will prompt the user for a document folder ID, report title, document date, source code, transfer suitability code, a location and the attached report

Manage Attachments

Use this function to query attachments, the first screen will prompt the user to define what layer they are interested in. The next step will provide a count of the first 10 features visible to the user in the current extent, this provides a listing of regions, without making the user filter through the whole list. On the same screen, associated attachments will be down for adding, updating and deleting documents.

Search By Attribute

Use this function to query attachments, the first screen will prompt the user to define what layer they are interested in. Here the user can pick from two dropdown menus the attribute which they are interested in, and the possible values present in the selected attribute. Once both parameters have been filled out, the borehole or region will be selected with attributes and attachments displayed.

Search By Buffer

This function allows the user to place a point on the map, pick the distance and unit of choice, and preform a search function in the determined radius. It will then prompt the user to say what layer they are interested, and it will return a list of features that the user can select from.

Switch to results list view

This function allows the user to open up the results tab at the bottom of the application. This is where results will be displayed from selections made on the items shown on the map. To dig deeper into each of the results, you can click on the items and show the attached documents.

Return to Initial View Point

This function brings the user back to the initial extent, use this function to reset your view.