Converting External Map Layers

Click the "Maps and Data Sources" tab from the 'Maps and Data Sources' tab to add Web Mapping Services (WMS) layers to your map.

1. Enter a Web Mapping Services address in the URL or keywords box.

OR

2. Select one of the pre-populated provincial B.C. Web Mapping Services layers.

Uploading Shapefiles

1. Click on the 'Add Shapefile' tool from the 'Maps and Data Sources' tab.
2. Browse to the location of the shapefile, select the .dbf, .prj, and .shp files, and click the Open button.
3. The shapefile will be added to the map as a graphic layer.

Uploading CSV Point Coordinates

1. Click on the 'Add CSV' tool from the 'Maps and Data Sources' tab.
2. Browse to the location of the CSV, select the .csv file, and click the Open button.
3. The point coordinates will be added to the map as a graphic layer.

Note: CSV must have coordinate fields named either X or Y, or Latitude or Longitude and coordinates must be in Decimal Degrees (DD).

Simple Query

The Simple Query tool allows users to locate features by building complex queries without writing SQL statements. To use, select the layer, field name, operator, and field value. Users can add multiple query conditions.

Layer - select the layer from which you want to select records.

Field Name / Operator - select a field and operator that will determine the field and how it relates to the database.

Add a query condition - add another query condition to your query.

Advanced Query & Filter Builder

The Advanced Filter tool allows users to locate features by building SQL statements. The Filter Builder tool allows you to remove features from the selected layer by building SQL statements. Users familiar with SQL can write their own SQL statements. Results are displayed in the information panel.

Layer - select the layer from which you want to select records.

Field Name - select a field from the options that can relate your database field to the value.

Query Box - lists the SQL statement(s) in proper syntax. These statements are editable for those familiar with SQL.

Spatial Filter - adds a spatial filter to your search results. The spatial filter can be the map window, markups, or selected features.

Run - starts the query based on the criteria listed in the Query Box. Results will be displayed in the information panel.

Clear - removes all SQL statements in the query box.

Symbolize Layer

To symbolize a layer, right click on the layer name and click the Symbolize Layer option.

Fill color is the colour of the inside of a polygon or point feature.

Border color is the colour of the outline surrounding the feature.

Border size is the thickness of the outline surrounding the feature.

Style is the pattern of the inside of a polygon or point feature.

Symbolize By Unique Value

Unique Value will symbolize groups of features that have matching attributes, such as tree species, soil types, or protected area classifications.

Set the Color Ramp and Border options.

Click Create New.

Symbolize by Class Breaks

Class Break symbolization makes each feature in a layer appear differently based on a specific numeric value in the layer. The attribute must be numeric. Break Method options:

- Natural Breaks: groups based on natural groups in the data distribution.
- Equal Interval: groups contain an equal range of values.
- Quantile: groups contain approximately equal numbers of features.
- Standard Deviation: groups measured by the spread of values from their mean.

The Transparency sliders allow you to adjust the transparency of the feature. The lower the percentage, the less visible the feature will be.

Previews shows what the layer will look like using the current symbolization.

Printing

The SOE Report tool in the 'Reports and Printing' tab queries the BCGW layers that intersect with the drawn point, line, polygon, or rectangle.

SOE is a specialized reporting tool for the BCGW.

To use the SOE Report tool:

1. Select the SOE geometry you wish to draw (point, line, polygon, or rectangle) from the options. This example uses the Polygon option.
2. Draw a polygon on the map to define a boundary and click Next.
3. Enter an Adjacency Buffer distance (m).
5. Click Submit.
6. The SOE report will open in a new browser window. The shape will be drawn in the map window if the option was selected.