

## Help

**Help** - Open the CWM help guide

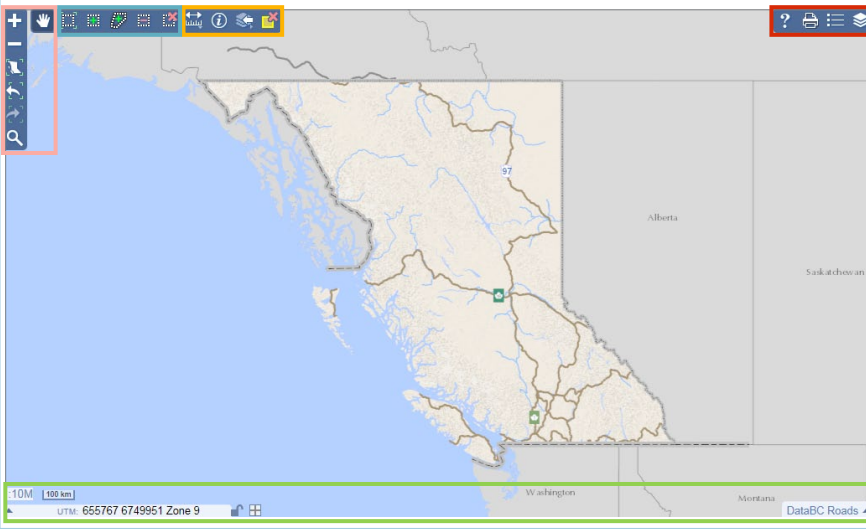
When the help guide is open, hover over tools or click tool buttons to cause the help guide to zoom to the corresponding tool help section.

## Navigation Tools

- Pan** - Click and drag to move the map window
- Zoom In** - Click on the map to zoom to the next increment in the scale
- Zoom Out** - Click on the map to zoom to the next increment in the scale
- Zoom to B.C.** - Zooms the map to the extent of the entire province
- Zoom Previous** - Zooms the map to the previous extent
- Zoom Next** - Zooms the map to the next extent

## Map Overview

<b>Navigation/Search Tools</b>	Navigation Tools (P.1)	<b>Map Selection</b>	
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## Layers

**Layers** - List of available datasets for viewing



Layers appearing in italics and a lighter colour tone means the layer is not visible at the current scale; if the text is normal (non-italicized), then this layer is visible at the specified scale.

- Check the box next to the layer titles to render the layer visible when the map is at its specified visible scale.

**Overlays** - Layers grouped under a specific “theme”

- Click the arrow beside an overlay title to display the layers grouped under that theme.
- Check the box next to the overlay title to render the overlay visible.
- Click the overlay title to display a control panel to control the opacity of the overlay layer set.



## Search Locations

**Search for Location** - Searches for a particular address, mapsheet, coordinate or place name in British Columbia

1. Click on the “Search for Location” tool and select one of the search options: Auto, Coordinate, Mapsheet, Place Name, Address.
2. Enter your search information in the text box and press “Enter” on your keyboard or click the “Search for Location” button .
3. A list of possible matches is generated. Hover over the search results to see more information on each result.
4. Click on the best option from the list and the map will zoom to that location.
5. Click the Clear button to clear the search.
6. Close the search window to remove the Locator icon(s) from the map.



## Enter Locations

### Coordinate

- Geographic: Lat/Long, Long/Lat  
Eg. 49.5, -125.4
- BC-Albers: as XY  
Eg. 1047118 495805
- UTM: as XY and zone number  
Eg. 329751 5483095 zone 10

### Mapsheet

- in one of the following grid systems:
- BCGS 1:20,000  
Eg. 92B053
- NTS 1:50,000  
Eg. 92B05
- NTS 1:250,000  
Eg. 92B

### Geographic Name

or locality  
Eg. “Kamloops”, “Trout Lake”

### Street Address

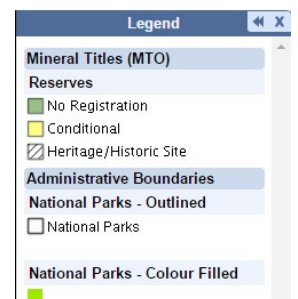
as a street number and name  
Eg. “1000 Douglas St.”

## Legend

**Legend** - List of visible layers

Layers that are visible at the current map scale will be listed in the Legend. Layers may only be visible when they have been checkmarked in “Layers”.

\*The legend does not automatically update when the map scale has changed. Close and open the legend window in order to see any changes made in the legend.



## Map Selection Tools

- Zoom to Selection** - Zooms the map to the selected grid cells/titles
- Select by Box** - Selects grid cells/titles by drawing a box
- Select by Polygon** - Selects grid cells/titles by drawing a polygon
- Unselect by Box** - Unselects grid cells/titles by drawing a box
- Unselect All** - Unselects all selected grid cells/titles

## Select Cells/Titles

1. Ensure the selection layer is at a visible display scale.
2. Select the "Select by box" tool and either click and drag a selection box on the map or select by point. The selection will appear grey while the selection request is completed.
3. Alternatively, select the "Select by Polygon" tool and draw a polygon on the map. Click the map to identify the corners of the polygon. Double click to close the polygon.
4. All grid cells/titles within the box or polygon will be selected and added to the list of features selected. Selected cells will appear in blue highlight.
5. To unselect all grid cells/titles, click the "Unselect All" button. To unselect some grid cells/titles, select the "Unselect by Box" tool and draw a box on grid cells/titles you want to unselect.

## Print

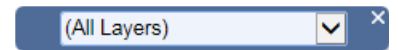
**Print** - Print the current map

1. Specify a title for your map and type your notes in the Notes section. If untouched, both sections will be left at their default values.
2. Press "Print" to print the page.



## Identify

**Identify Features** - Identify features at a point on the map



1. Clicking on the "Identify Features" tool will open up a drop down menu. "All Layers" is the default option or choose the visible layer you want to perform the identify query on.
2. Click on the map to identify features at that point.
3. Information on the identified features will appear on the right side panel. Click to show their attribute names and values. Hover over a **feature title** to highlight the feature on the map or click to zoom in on the feature on the map.

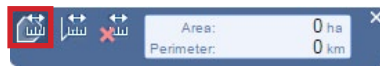
## Measurement

**Measurement** - Toolbar provides tools to measure area, perimeter, and distance

Area is measured in hectares (ha) and the perimeter and distance are measured in kilometers (km).

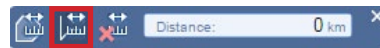
### Area and Perimeter

Select the "Measure Area" button. Click the map to identify the corners of the polygon. Double click to close the polygon. The area and the perimeter measurements will be shown in the pop up measurement display.



### Distance

Select the "Measure Distance" button. Click the map to identify the corners of the line to be measured. Double click to stop the line selection. The distance measurements will be shown in the pop up measurement display.



### Clear Measurement

Click to clear the current measurement.



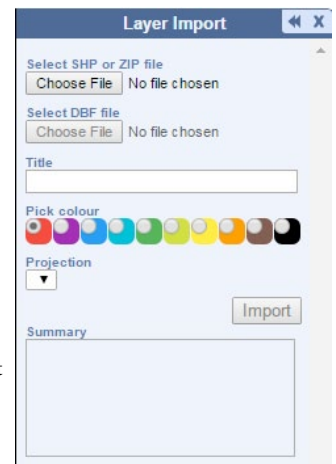
## Clear Highlights

**Clear Highlight** - Removes highlighted features from the map

## Import Shapefiles

**Import Layers** - Upload shapefiles to display on the map

1. Click "Browse" or "Choose File" to select a SHP/ZIP file or a DBF file from your local disk.
2. Enter a Title for the layer and pick a colour for the layer symbology. If untouched, both will be left in their default values.
3. Choose the Projection if the coordinate system is in UTM. CWM supports: Geographic (Lat/Long or Long/Lat), BC-Albers, UTM
4. Click "Import" to import the data.



## Coordinate Display

Displays the position (coordinates) of the cursor in the current coordinate format.

## Coordinate Lock

Allows the user to lock or unlock the Coordinate Display.

In the **locked position**, the coordinate display updates only when the map is clicked. This allows the user to copy the coordinate string.

In the **unlocked position**, the coordinate display changes relative to the location of the cursor on the map.

## Select Projection

Click to display a list of available projections and map grids and select the projection/map grid you want to display.

## Copy/Select Coordinates

Click the coordinate display and drag the mouse to highlight the coordinates you wish to copy. Right click on your mouse and select 'Copy'.

## Base Map Chooser

Controls the display of a list of Selectable Base Maps.

1. Click to show available base maps. A different list may appear depending on the CWM client's specific host application's use.
2. Click a base map to select it for display.

