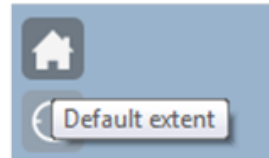Widgets are tools and functions in SMART Maps that allow you to perform certain tasks.
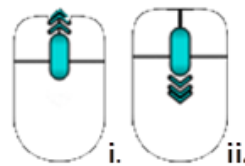
Home and Zooming Widgets

1| When the application starts, the Home Button widget is automatically enabled. Clicking it resets the map extent to the initial map extent.
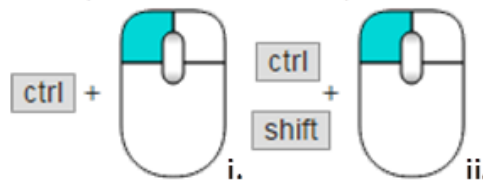

2| Zooming In/Out. You have 3 options:

a. Click the plus or minus button to zoom in or out on the map,

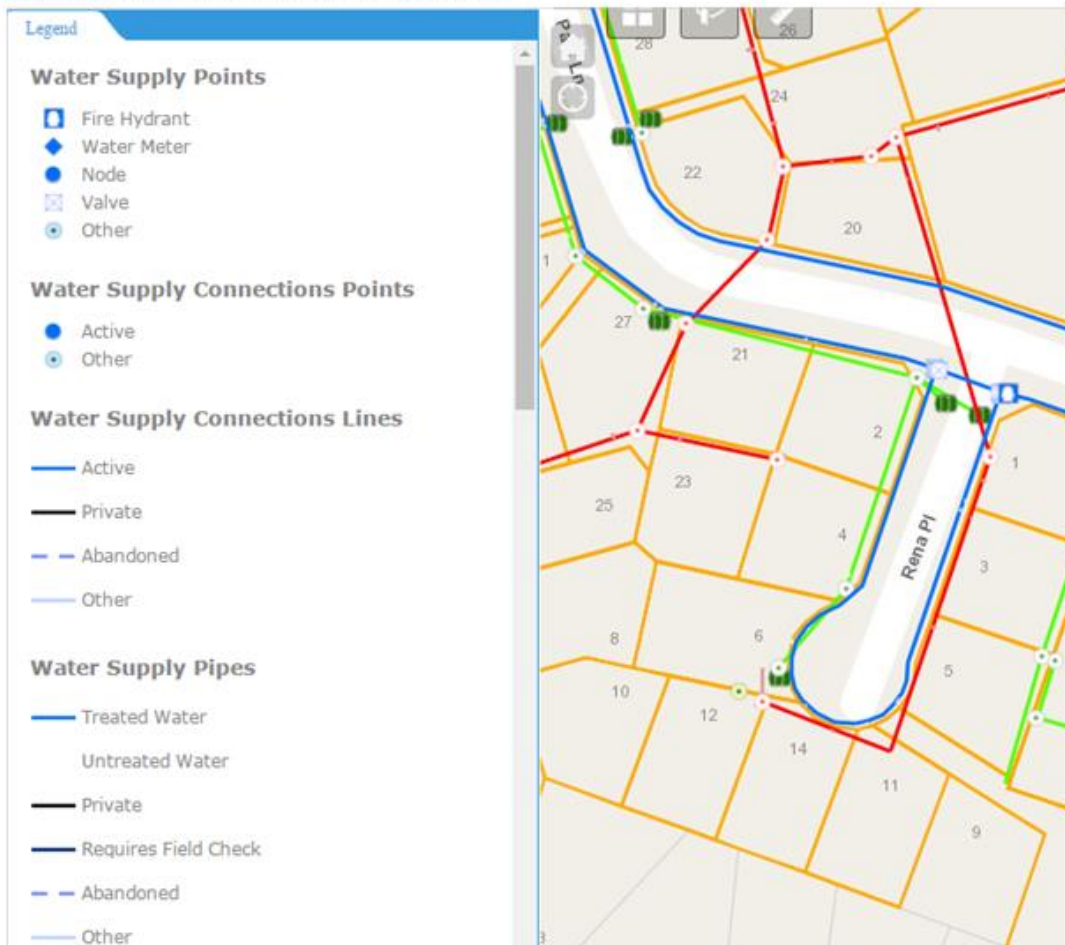b. you can use your mouse wheel to zoom(i. Zoom In or ii. Zoom Out),

c. or you can use mouse and keyboard combination (i. Zoom In or ii. Zoom Out).

Legend Widget

3| When the application starts, the Legend widget ![icon] is automatically enabled. Clicking the Legend widget displays the legend window.
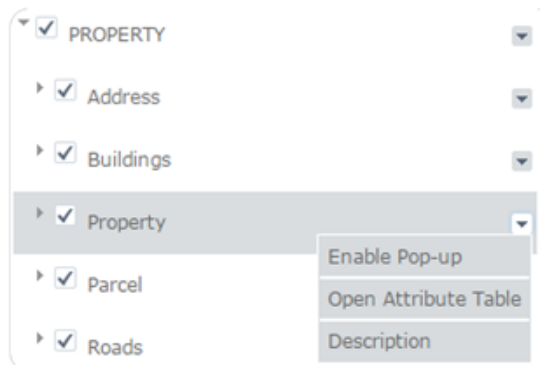
Layer Widget

4| Obtaining information from the required dataset in the map you can enable html pops to appear when you click on them.

a. Go to the Layer List (table or contents) widget , select the widget to display the datasets for the map
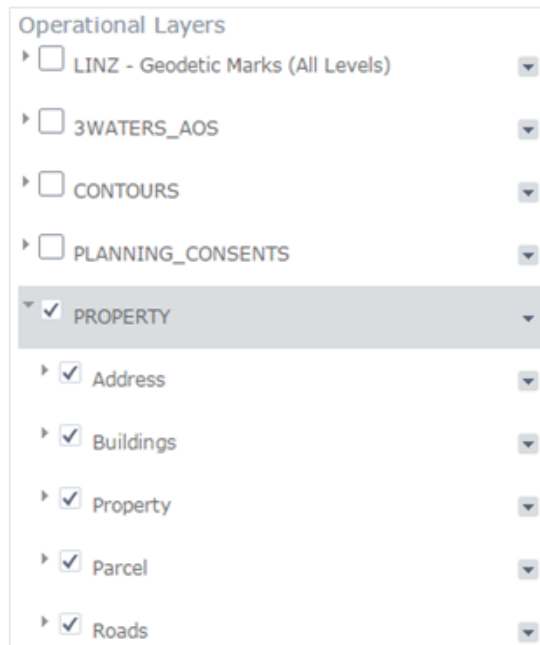
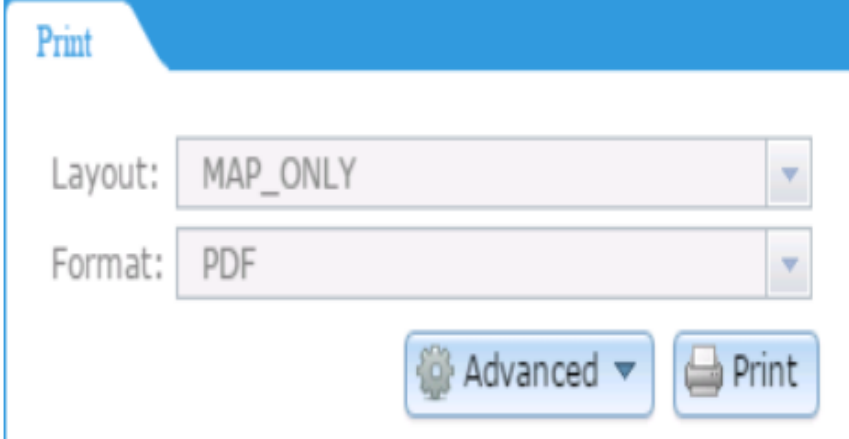b. Select the Dataset and click on the down arrow and select enable Pop-up

c. *Note: Please note these Pop-ups will not have been configured with suitable attribute header names.*

Print Widget

5| The Print Widget allows you to print your map to a number of formats

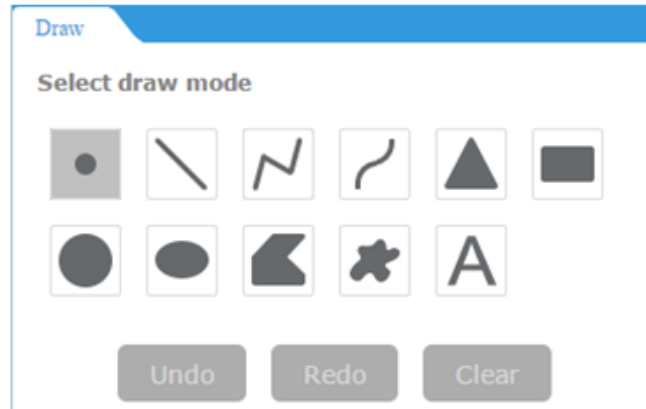   a.   Select the Print widget this will open the Print Panel

Draw Widget

1| The Draw widget allows you to create graphics that display on the map. It optionally adds line distance or polygon area to the feature as text.

    a. To open the Draw widget select the draw icon , this will open the draw panel.
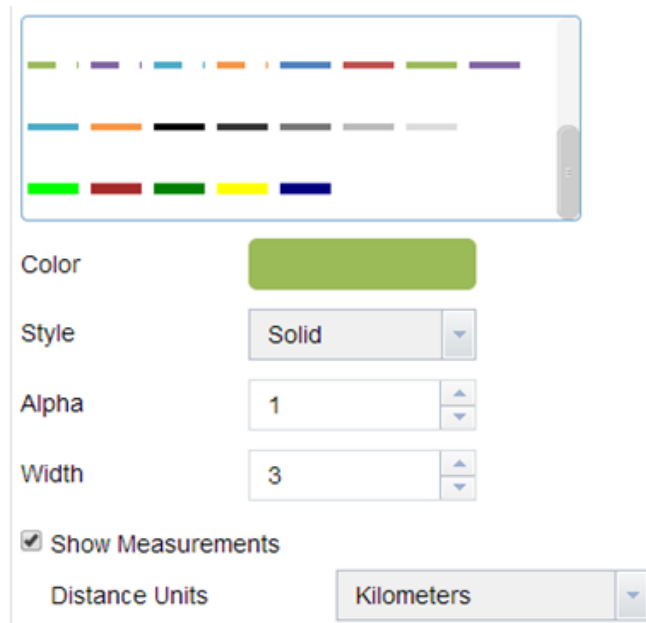

    b. Select the desired drawing mode by clicking the symbol type.

       i. For point symbols, select the marker category (different symbols are available in each category), size, colour, transparency, outline colour, and outline width of the symbol. Only the size is available for the picture marker symbols.
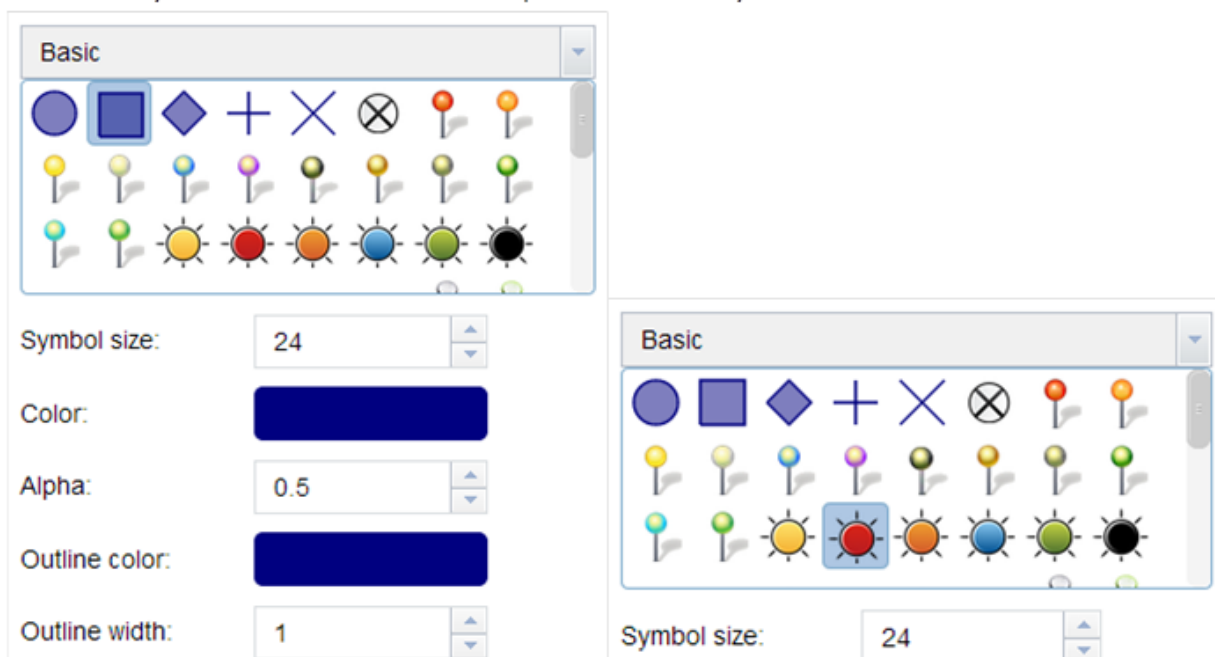
i. For line symbols, select a pre-defined symbol from the box. You may also customize the colour, style, transparency, and width of the symbol. Click **Show Measurements** and select the **Distance Units** to display the measurement with the line.

ii. For polygon symbols, select a pre-defined symbol from the box. You may also customize the fill colour, transparency, outline colour, and outline width of the symbol. Click Show Measurements and select the Area Units and Distance Units to display the measurement with the polygon.

i. For text symbols, enter the Text to be drawn, and select a font colour and size for the symbol.

Basemap Widget

7 | The Basemap Widget allow you to select your background imagery.

a. Select the Basemap widget this will open the Basemap Gallery
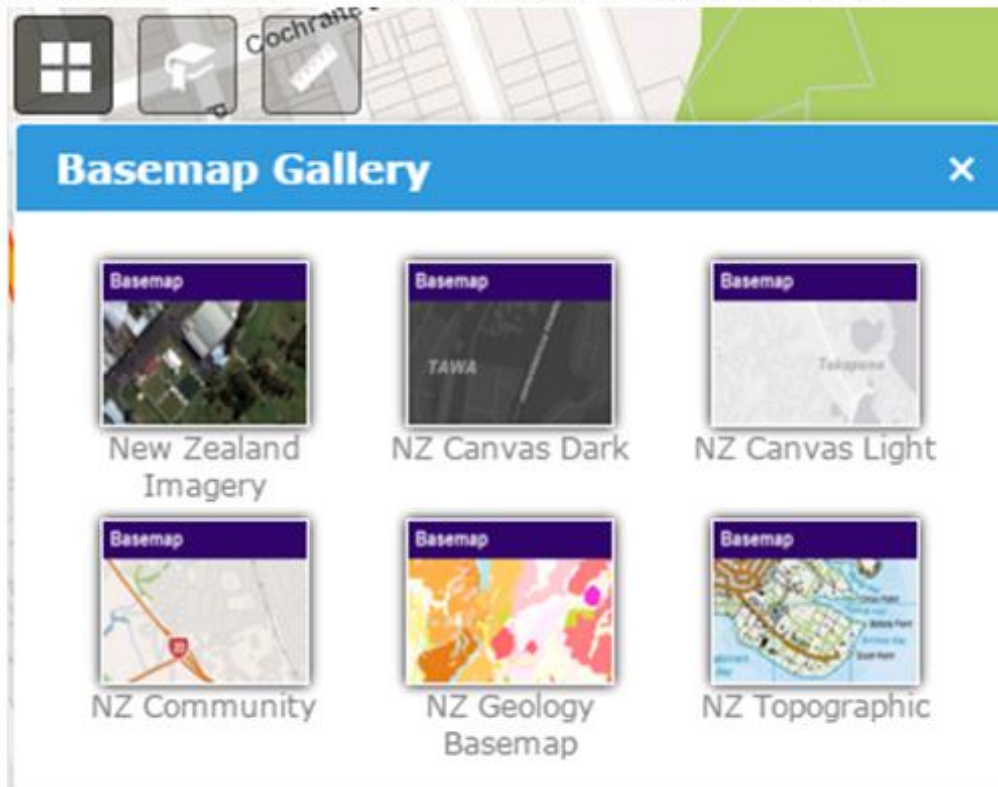
b. You can select from 6 available Basemaps
  i. NZ Community Map - Street Map
  ii. New Zealand Imagery - Aerial Imagery
  iii. NZ Topographic - Topographic Series Maps
  iv. Dark or Light Canvas
  v. NZ Geology - Provided by GNS

c. To change the map simply click on the Basemap of choice

Bookmark Widget

8| The Bookmark widget stores a collection of map view extents (that is, spatial bookmarks). It also allows you to add and delete your own custom spatial bookmarks.

a. Click on the widget this will open the Bookmark panel
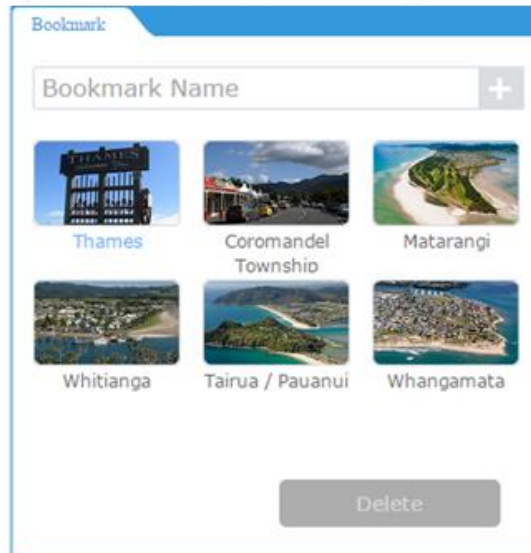
b. Select one of the bookmarks to zoom to that location.

c. To add your own personal bookmark, in the textbox type in your Bookmark name and select the button.

d. To delete your own personal bookmark, select the button.

Measure Widget

9 | Using the measurement widget.

    a.   To open the widget, this will open the Measurement Panel

    b.   Under the Measurement Panel you have 3 options to choose from: 1) Area , 2) Distance , or 3) Location .

    c.   Area measurement: Click the polygon measurement icon Polygon measurement icon and draw a polygon on the map by clicking three or more points. Double-click to finish drawing the polygon. The Measurement widget displays the total area of the polygon, using the defined **Default Area Unit**. To change the area unit, select the applicable unit of measure from the **Sq Meters** drop-down menu.
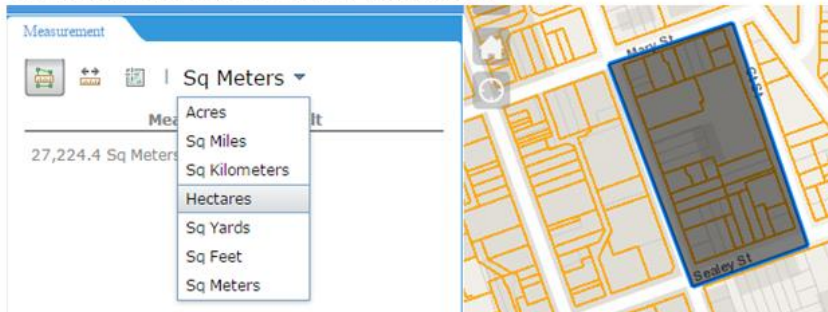
    d.   Distance measurement: Click the polyline measurement icon and draw a polyline on the map by clicking two or more points. Double-click to finish drawing the polyline. The Measurement widget displays the total length of the polyline, using the defined **Default Length Unit**. To change the length unit, select the applicable unit of measure from the **Meters** drop-down menu.
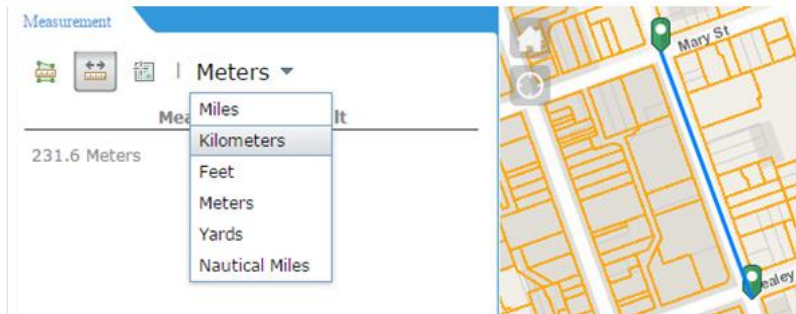
    e.   Click the point measurement icon Point measurement icon and click a point on the map. The Measurement widget displays the coordinates for the point in **Degrees** (decimal). You may change the coordinate display format to degrees/minutes/seconds by changing the **Degrees** drop-down to **DMS**.