

# ST. JOHN'S

## MAPCENTRE HELP DOCUMENT

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## Introduction

The City of St. John's maintains the Mapcentre at [map.stjohns.ca](http://map.stjohns.ca). It is intended to provide a basic online mapping utility for the public. There are several tools and data layers available. This document is intended to provide the user with a basic understanding of what is available and how to use it.

## Disclaimer

When the Mapcentre is first loaded the following disclaimer appears. You must click “I agree” before continuing.

*Information on this Web site is provided as a public service by the City of St. John's. We cannot guarantee that all information is current or accurate. Users should verify the information before acting on it. Although we make every effort to ensure that all information is accurate and complete, we cannot guarantee its integrity.*

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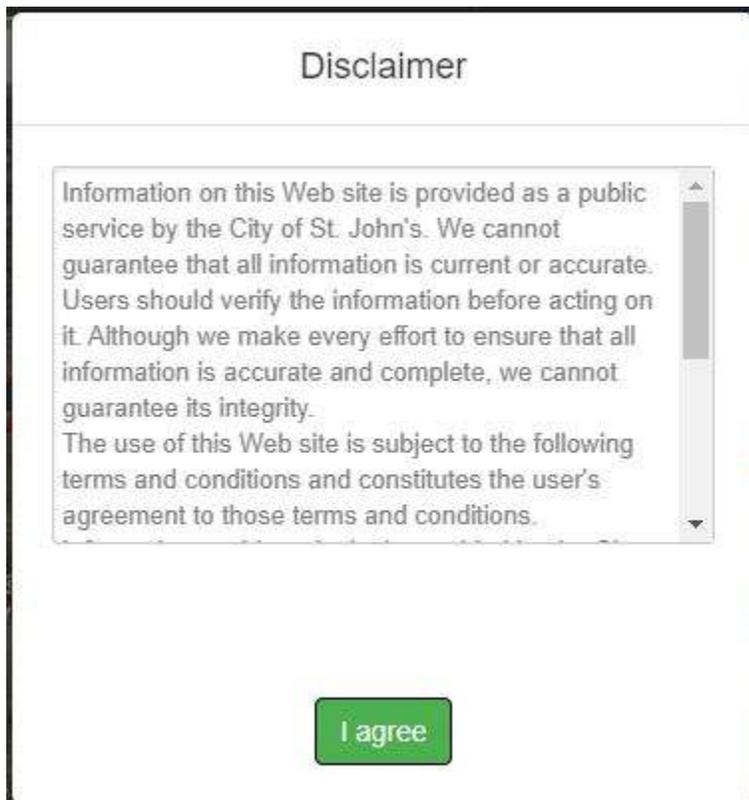


Figure 1: Disclaimer

## *Mobile Devices*

This application was designed for desktop users. Some functions may not behave optimally on mobile devices.

## Map

The map takes up most of the screen and displays all the data that you have selected. You can pan and zoom the map to look at your area of interest.

## *Navigation*

### **Zoom**

There is a zoom slider on the left side of the screen. This will allow you to change the scale of the map. You can also do this by using the scroll wheel on your mouse. You can also zoom using the “-“ and “+” keys on your keyboard.



*Figure 2: Zoom Control*

### **Pan**

To move around the map simply left-click and drag the map around. You can also use the arrow keys to move around the map.

## Toolbar

The toolbar is located at the top of screen immediately under the browser's navigation and bookmarks bar. It is a thick black bar with a thinner green bar at the bottom. From left to right the toolbar contains the following:

1. City of St. John's logo
2. Search tool
3. Imagery selector
4. Template selector
5. Layer tool
6. Print tool
7. Tools button
8. Help button
9. "Help us improve" button



*Figure 3: Desktop Toolbar*

## Search

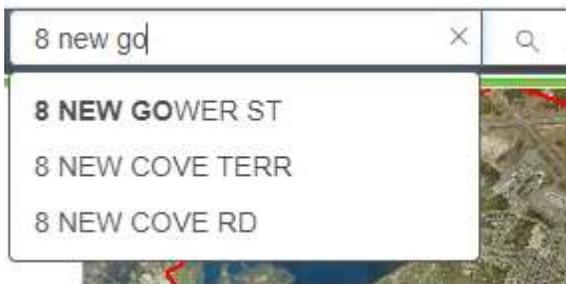


The search tool is the first tool in the toolbar. It consists of the search box

 and the search button . To perform a search simply type the address or street into the search box and click on the search button.

## Suggestions

When you start typing in the search box a list of suggestions will begin to appear. If you hit the enter key at any time while the suggestions are visible the search tool will select the topmost suggestion to search for. You can also use the mouse to select a suggestion or use the arrow keys to navigate to the desired selection.



*Figure 4: Search Suggestions*

*note: it is possible for the tool to create suggestions that will not return a valid search result.*

## Parcel Information

When a search returns an address the map will zoom to the parcel and highlight it in blue. If the search is triggered with the search button or by selecting a suggestion, then the Parcel Information popup will appear. This box contains basic information about the selected property including ID, Ward, depth, frontage, area etc... The last two property assessments are also included on separate tabs.



Figure 5: Parcel Information

## Street Searches

If the search does not start with a number, the search tool will assume you are searching for a street.

When the tool returns a street or streets the map will zoom to and highlight all the streets that were returned by the search. It is possible for a search to return more than one street so make sure you pay attention to the results you are getting.

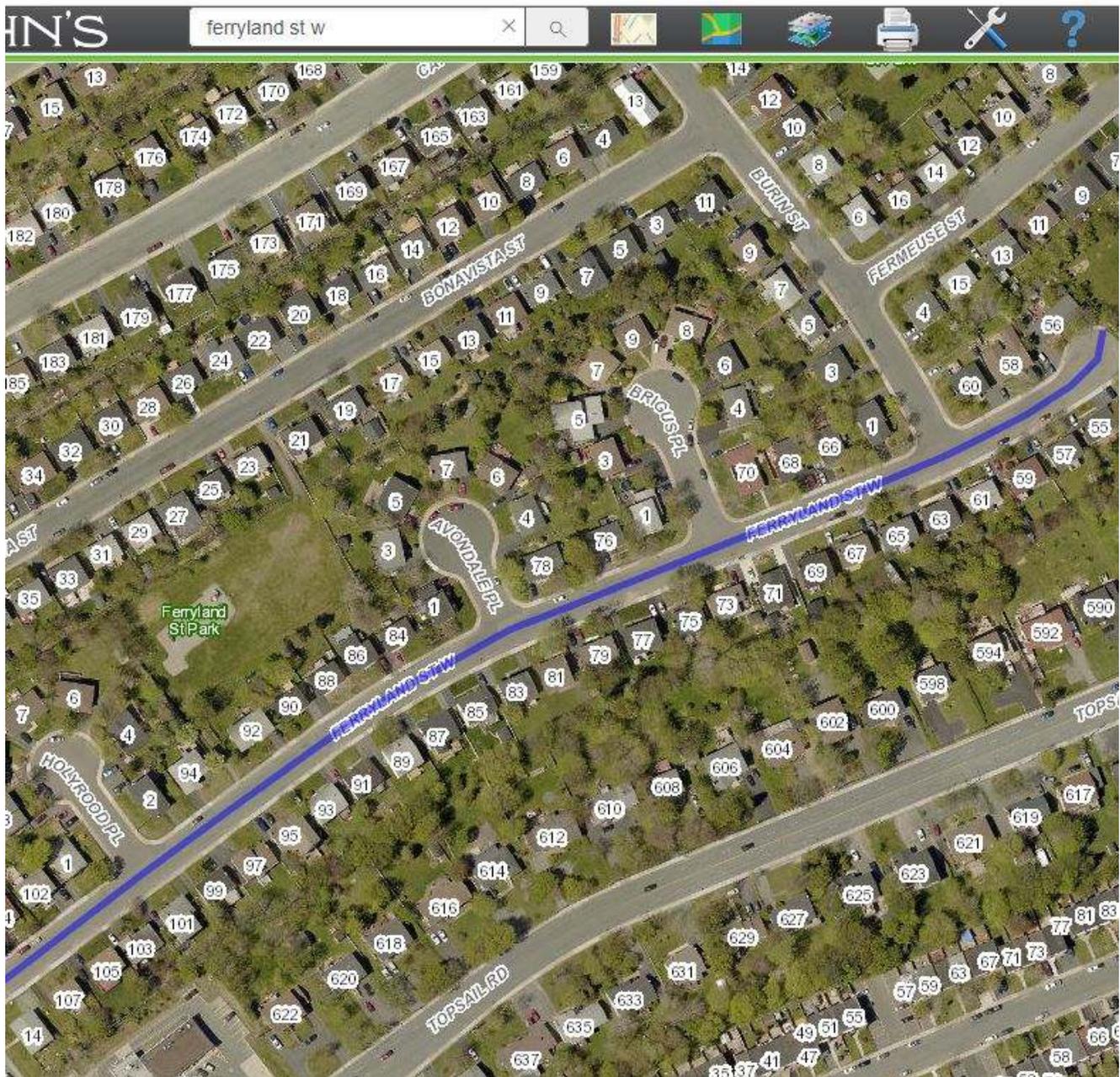


Figure 6: Street Search Results

## Imagery



By default, the map will show the latest available aerial imagery for the map background. You may select from several sets of imagery organized by year. You may also select a topographic map as the background if you want a cleaner look for your map.

*Note: imagery of different years will vary in quality and coverage and may not be available at all viewing scales.*



Figure 7: Imagery Selector

## Compare

In the imagery selector there is also a compare button. This will allow you to select a set of imagery to compare to the latest imagery. When you use this tool a horizontal bar will appear on the screen with the bottom half showing the latest imagery and the top half showing the set of imagery you selected to compare to it. You can navigate around the map normally and “drag” the bar up and down to quickly compare the two sets of imagery.



Figure 8: Comparison Image Selector

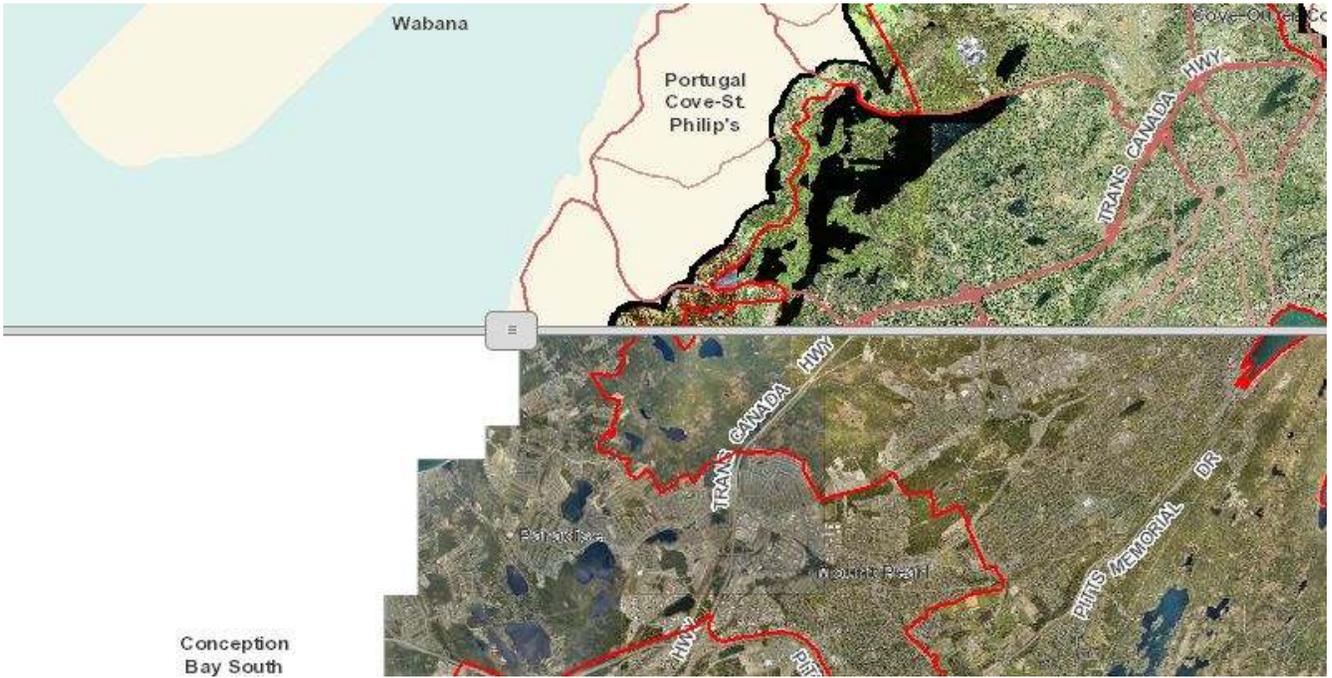


Figure 9: Comparison Tool

## Layers



There are several types of data that can be displayed on the map as “layers”. These will be overlaid on the base imagery. The available datasets and the legend associated with them will appear on the right side of the screen when the Map Layers button is pressed.

The layers window has several functions built into it:

- The layers can be turned on and off by using the checkbox.
- You can adjust the transparency of some layers using the slider.
- Sub-layers and symbology can be seen by expanding the layer using the “+” button.

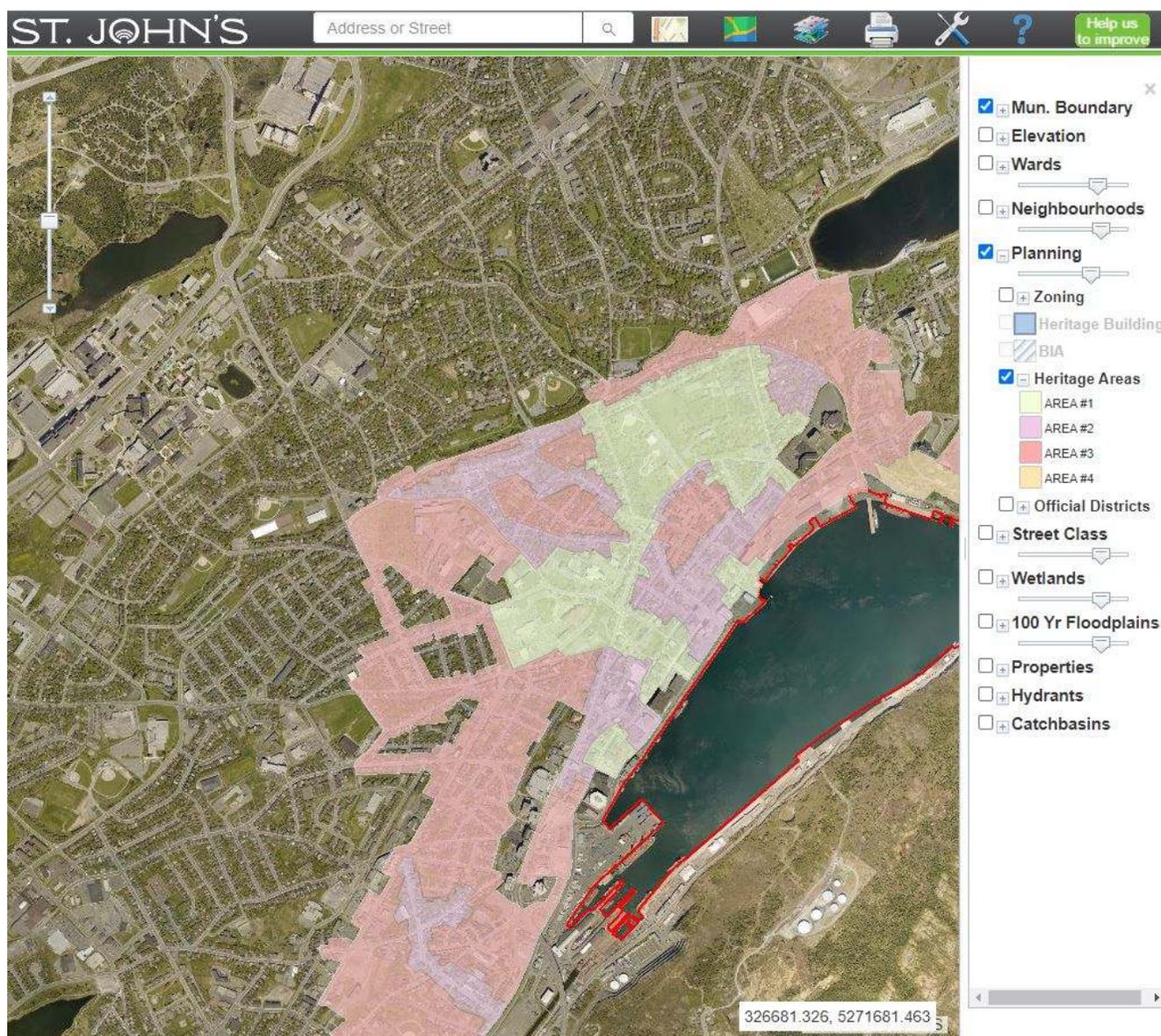


Figure 10: Layer Controls

## Templates



Templates are simply predefined sets of imagery and layers that the developers thought might be useful to the user. Simply select the template you want and the imagery and layers will be turned off or on as required by the template.

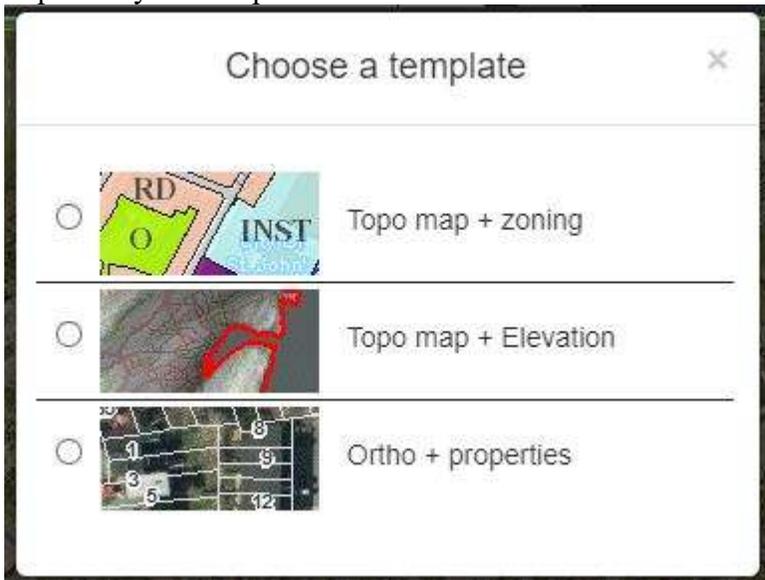


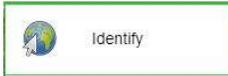
Figure 11: Template Selector

## Tools



Clicking on the tools button reveals a list of interactive tools that are available in Mapcentre.

## Identify



The identify tool allows you to see the parcel information popup for any parcel that you click on. Depending on the zoom level of the map the tool may zoom in to ensure that you are clicking on a specific parcel.

## Draw



Clicking on the Draw button will launch the “Draw Tools” tool. This will allow you to draw graphics and text on the map. Once a graphic has been created you can click on it to edit its size, shape, orientation, and location using the handles that appear.

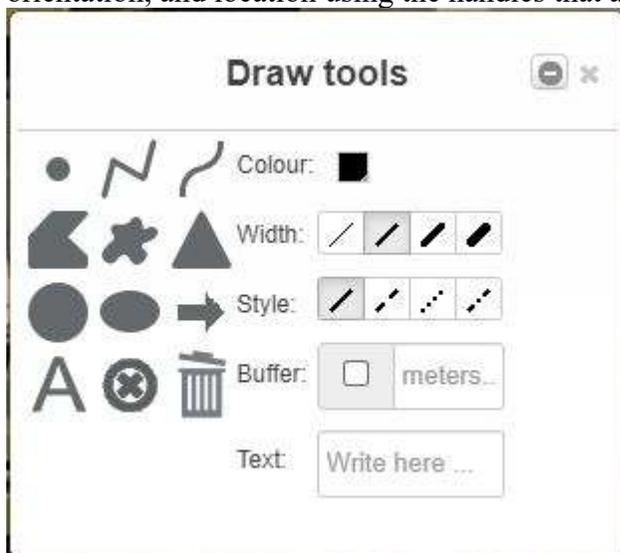


Figure 12: Draw Tools

## Measure



Clicking on the Measure button will launch the “Measurement” tool. This tool allows you to measure length or area. You must first choose to measure either area or length, then you will be required to choose the units for your measurement. Begin a measurement by clicking on the map at a point you are measuring from and continue to click points along the line or area you are measuring. A running total of your measurement will be displayed in the tool window. You can finish a measurement by double clicking on the final point. If you start a new measurement the old measurement will be deleted. To

close the tool you much click on the measure tool button in the tools menu on the toolbar.

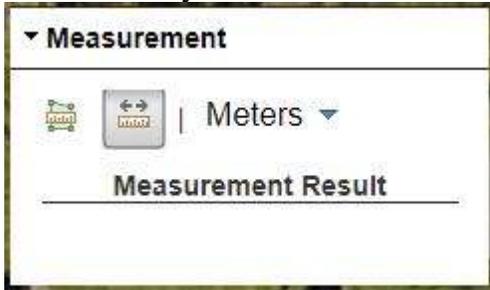
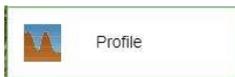


Figure 13: Measure Tool

## Profile

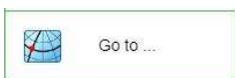


The profile tool provides a graph of elevation change along a path. Draw a path by clicking points on the map. To finish the path simply double click on the last point. The profile chart may take a few seconds to appear. Once the chart appears you can mouse over the chart and an x will appear on the path in the corresponding location.



Figure 14: Profile Tool

## Go To...



The Go to... tool allows you to get the coordinates of a point on the map or to go to a specified set of coordinates. The default values are in MTM zone 1. You can change the coordinate system to Latitude and Longitude in decimal degrees if you prefer.

To go to a specified location simply type the coordinates into the appropriate window and press the “Go” button.

Press the “Pin” button and the coordinates of a location you pick on the map will be displayed using the system you have selected.

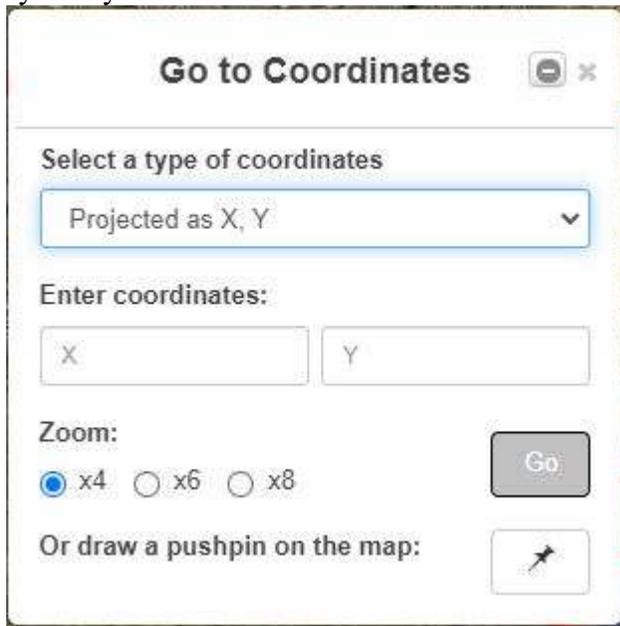


Figure 15: Go To...

## StreetView



To launch the StreetView window click on the “StreetView” button in the tools menu and click on the road segment on the map that you want to view in the window. To navigate in the StreetView window you can click and drag. You can also use the zoom control on the bottom right corner of the window. Clicking on the image advances the image but you can use the “chevrons” to go forward or backward along the road.



Figure 16: StreetView Window

### Pictometry View



When you launch the Pictometry tool a new window will open in your browser. This tool allows you to explore aerial photography of St. John's from an "Off Vertical" perspective. You can pan and zoom the map using your mouse by dragging and using the scroll wheel. There are also navigation tools on the top left of the window. These will allow you to change the direction you are viewing from in addition to the normal pan and zoom functions.

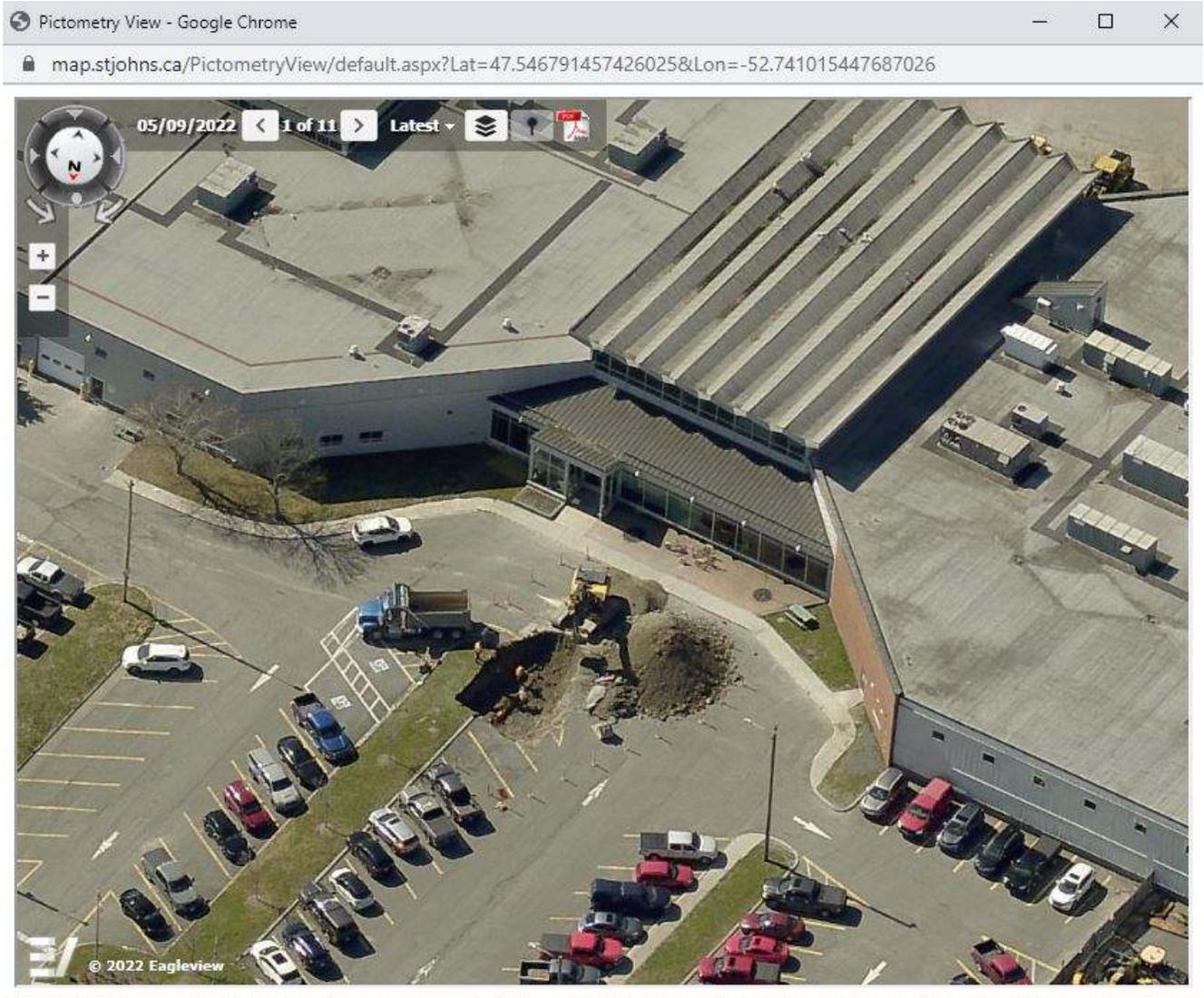


Figure 17: Pictometry View

### Forecast



Simply displays the forecast for St. John's from Environment Canada

## Print



The print tool creates a digital file that you can then view and print from your browser. You can create a file in PDF, PNG or JPG. Simply Add an optional title then select the page size and layout and the output format. Click “Go” and the file will be generated. To view the file in the browser click on the “Open Document” button that appears once the document is ready. You can then use the browser print functionality to send to your printer.

A screenshot of a web dialog box titled "Create printable file" with a close button (X) in the top right corner. Below the title bar is a text input field containing the placeholder text "Write a title...". Underneath the input field are three buttons: "Layout" with a downward arrow, "Format" with a downward arrow, and "Go" with a circular arrow icon.

Figure 18: Print Dialog