

# BROCK UNIVERSITY MAP LIBRARY

## Instructions for Accessing Online CanMatrix (NTS) Georeferenced Maps for Use in GIS Applications

*Paper Maps are also held in the Map Library Collection.*

1. Access CanMatrix

[<http://geogratris.cgdi.gc.ca/geogratris/en/product/search.do?id=10119>].

2. On the searching interface, select “by Geoname”.

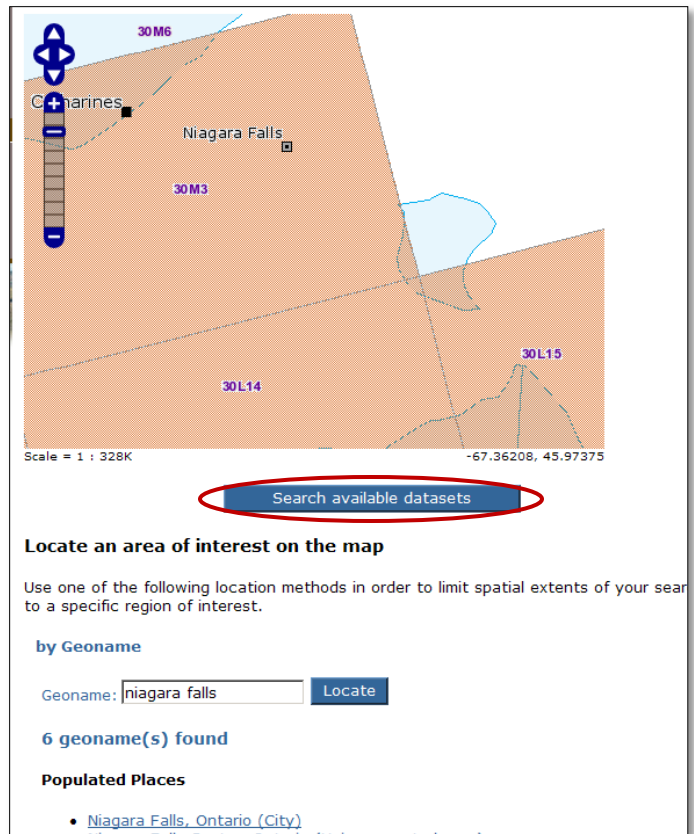
*(Note: Searches can also be done by Postal Code, NTS sheet number, or Geographic Coordinates)*

3. Search by Geoname:

**Step 1:** Enter a name in the Geoname text box. Select the “Locate” button.

**Step 2:** Select the title from the list of geonames found. *Note: The map now displays the NTS sheet of that geographical area.*

**Step 3:** Select the “Search available datasets” button.

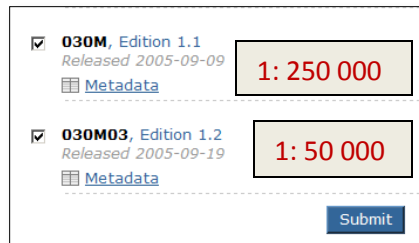


The screenshot shows a map of the Niagara Falls area with several NTS sheets labeled (30M6, 30M3, 30L14, 30L15). A search bar is visible with the text "Search available datasets" circled in red. Below the map, there is a section titled "Locate an area of interest on the map" with a "by Geoname" search option. The search results show "6 geoname(s) found" and a list of "Populated Places" including "Niagara Falls, Ontario (City)".

4. The search results screen lists the topographic maps at different scales (1:50 000 and 1:250 000).

Remove the check marks for maps not desired.

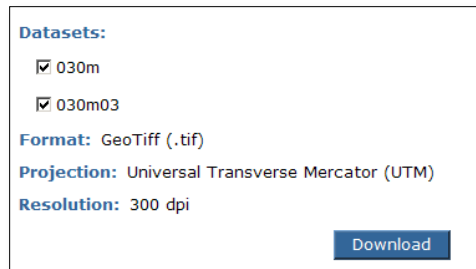
Select the “Submit” button.



The screenshot shows two map options with their respective scales and metadata links. The first option is "030M, Edition 1.1" with a scale of "1: 250 000" and a "Metadata" link. The second option is "030M03, Edition 1.2" with a scale of "1: 50 000" and a "Metadata" link. A "Submit" button is visible at the bottom right.

5. Select the “Download” button.

*Note: Uncheck the box if the map is not to be downloaded.*

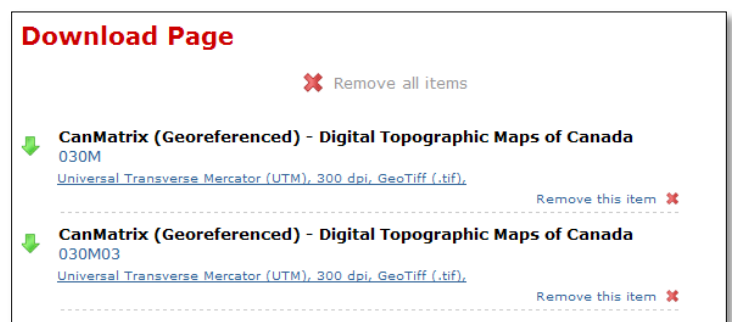


The screenshot shows the "Datasets:" section with two checkboxes: "030m" and "030m03". Below this, the "Format:" is "GeoTiff (.tif)", the "Projection:" is "Universal Transverse Mercator (UTM)", and the "Resolution:" is "300 dpi". A "Download" button is visible at the bottom right.

6. Select the green arrow (s) on the download page.

7. Choose whether to open or save the file when prompted.

*Note: Each file has to be downloaded separately.*



The screenshot shows the "Download Page" with two items ready for download. Each item has a green arrow icon and a "Remove this item" link. The items are "CanMatrix (Georeferenced) - Digital Topographic Maps of Canada 030M" and "CanMatrix (Georeferenced) - Digital Topographic Maps of Canada 030M03".