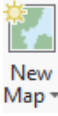
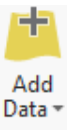


Geocoding with ESRI World Geocoder

ESRI's World Geocoder allows for easy mapping of addresses across the world. In order to geocode a table of addresses using the ArcGIS Online World Geocoding Service, you will need to log into ArcGIS Online. Contact maplib@brocku.ca to receive an invitation to join the Brock University ArcGIS Online Organization. Geocoding operates under a credit-based usage system. To learn more go to <https://www.esri.com/en-us/arcgis/products/arcgis-online/pricing/credits>

1. Run ArcGIS Pro.
2. Sign in to ArcGIS online when prompted. (Contact maplib@brocku.ca to request a sign in.)

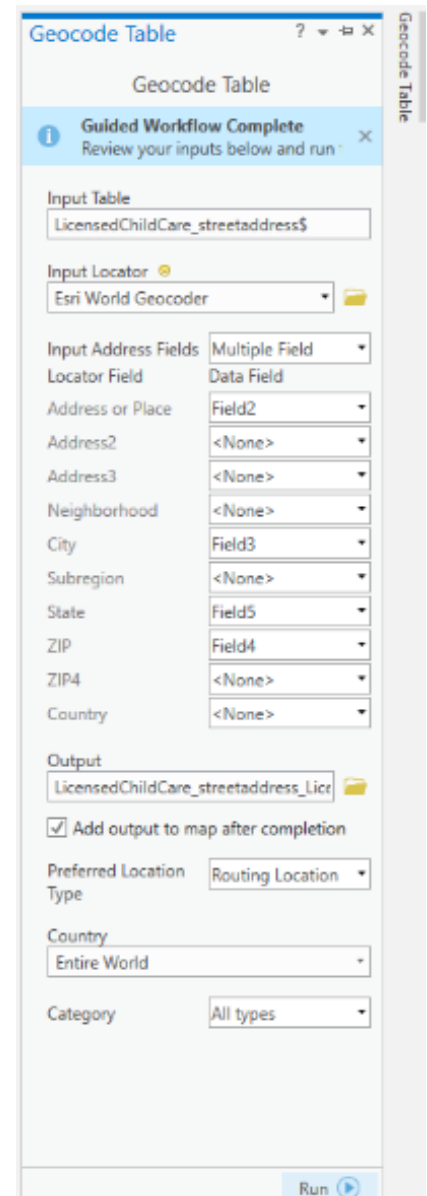
3. From the **Insert** tab, click **New Map**. 

4. From the **Map** tab, click **Add Data**. 

5. Add a table of addresses you want to map. Here is a [sample](#) CSV.

IMPORTANT: If your table includes a very large number of addresses, please contact maplib@brocku.ca before you attempt to use ESRI World Geocoder as the process consumes credits.

6. In the **Contents** pane, right-click the table and select **Geocode Table**. The Geocode Table tool pane is activated to the right of the map view. This Guided Workflow "Wizard" displays the six (6) steps you will need to follow in order to map your data.
7. Click **Start** (very bottom right corner of the pane).
 - a. **Step 1: About your table.** From the dropdown menu, select the number of fields in which your location data is found ("More than one field" or "One field") – you may need to open the **attribute table** to see how your data is formatted in the table. Click **Next**.
 - b. **Step 2: What locator are you using?** Using the **Input Locator** dropdown menu, select the **ESRI World Geocoder**. Click **Next**.
 - c. **Step 3: Mapping the fields in your table.** Identify the fields to be used in the process (you may need to open the **attribute table** to verify which field contains the correct data). Click **Next**.
 - d. **Step 4: Output.** Accept the default **output** option (saves to Project Folder). Click **Next**.
 - e. **Step 5: (Optional) Limit by country.** If your table does not contain a "country" field, select the country to which you would like to limit the geocoder. Click **Next**.



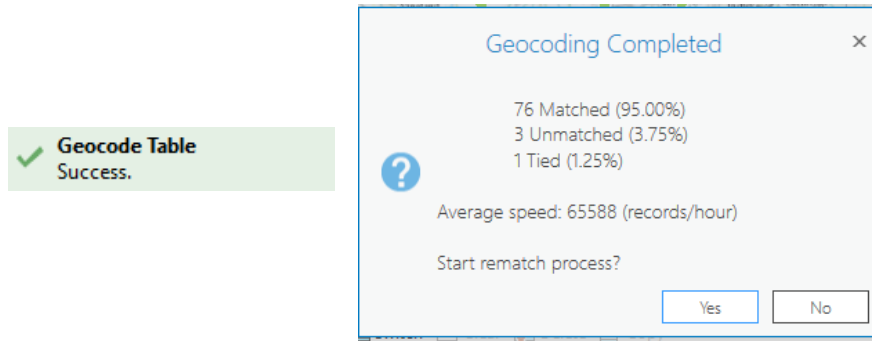
The screenshot shows the 'Geocode Table' tool pane. At the top, it says 'Geocode Table' and 'Geocode Table'. Below that is a blue banner with an information icon and the text 'Guided Workflow Complete' and 'Review your inputs below and run'. The main area contains several sections:

- Input Table:** A text box containing 'LicensedChildCare_streetaddress\$'.
- Input Locator:** A dropdown menu set to 'Esri World Geocoder'.
- Input Address Fields:** A dropdown menu set to 'Multiple Field'.
- Locator Field:** A dropdown menu set to 'Data Field'.
- Address or Place:** A dropdown menu set to 'Field2'.
- Address2:** A dropdown menu set to '<None>'.
- Address3:** A dropdown menu set to '<None>'.
- Neighborhood:** A dropdown menu set to '<None>'.
- City:** A dropdown menu set to 'Field3'.
- Subregion:** A dropdown menu set to '<None>'.
- State:** A dropdown menu set to 'Field5'.
- ZIP:** A dropdown menu set to 'Field4'.
- ZIP4:** A dropdown menu set to '<None>'.
- Country:** A dropdown menu set to '<None>'.
- Output:** A text box containing 'LicensedChildCare_streetaddress_Lic'.
- Add output to map after completion**
- Preferred Location Type:** A dropdown menu set to 'Routing Location'.
- Country:** A dropdown menu set to 'Entire World'.
- Category:** A dropdown menu set to 'All types'.

At the bottom right of the pane is a blue 'Run' button with a play icon.

- f. **Step 6: (Optional) Limit by category.** If your data are all of one type of category, you may wish to limit them by category. Select the appropriate **Category** from the dropdown menu. Click **Finish**.
- g. Review your inputs and select **Run** to execute the geocoding tool. Depending on the number of records, this process may take a few minutes.

When completed, you will see a green **Success** message at the bottom right of the pane and the **Geocoding Completed** window will appear. If you are satisfied with the result, click **No**. If you would like to start the rematch process, click **Yes**.



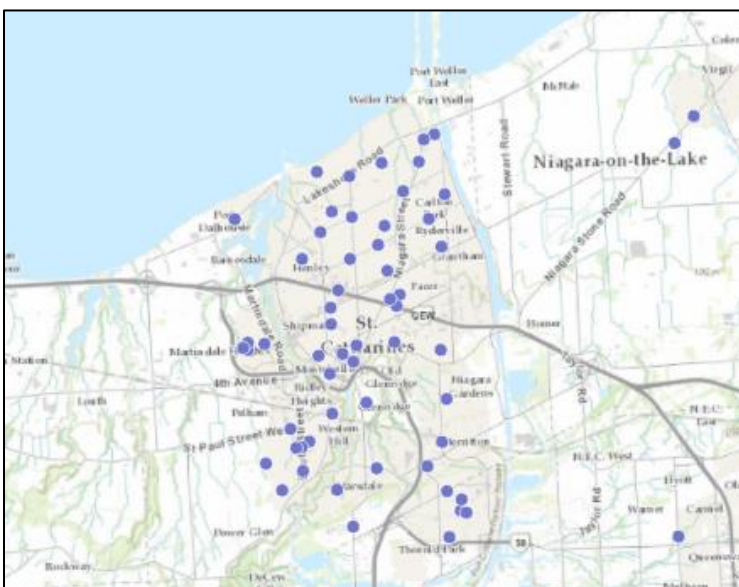
To rematch addresses:

1. From the **Rematch Addresses** pane, examine the results of each record and make any necessary corrections.
2. Hit **enter** to apply the changes. The address match possibilities are listed at the bottom of the pane.
3. Select the corresponding matching address and click the green checkmark.

The map automatically zooms to the selected address so you can confirm the accuracy.

4. When finished, **close** the **Rematch Address** pane. The map will display points for each record in your table.

If you require assistance with a geocoding project please contact maplib@brocku.ca. We would be happy to help put your data on the map!



Rematch Addresses ? ▾ ↻ ✕

Matched | **Tied** +

Address or Place	118 Main Street
Address2	<Null>
Address3	<Null>
Neighborhood	<Null>
City	Grimsby
Subregion	<Null>
State	Ontario
ZIP	L3M1N8
ZIP4	<Null>
Country	<Null>

Auto Apply

◀ 2 of 6 ▶

Address	Type	Score
A 118 Main St E, Grimsby, Ontario, L3M	StreetAddress	99.52
B 118 Main St W, Grimsby, Ontario, L3M	StreetAddress	99.52
C Main St E, Grimsby, Ontario, L3M	StreetName	93.94
D L3M-1N8	PostalExt	86