



Geocode Tool

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cartovista.com

About CartoVista



CartoVista makes it possible to create detailed analyses and optimized communications by putting data on a map. With innovative solutions, **CartoVista** solves business problems and enables communication in a wide range of industries.

The company's head office is located at:
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For more information on our products and professional services, please visit our [website](http://www.cartovista.com) (www.cartovista.com).

Technical Support

If you encounter problems working with **CartoVista**, our technical support experts can help. Technical support includes referrals to documentation, assistance with error messages and suggestions for causes of error messages.

Technical Support is available in North America Monday - Friday from 8:00 am - 4:00 pm EST, excluding holidays. Please remember to include your serial number or contract number when contacting technical support.

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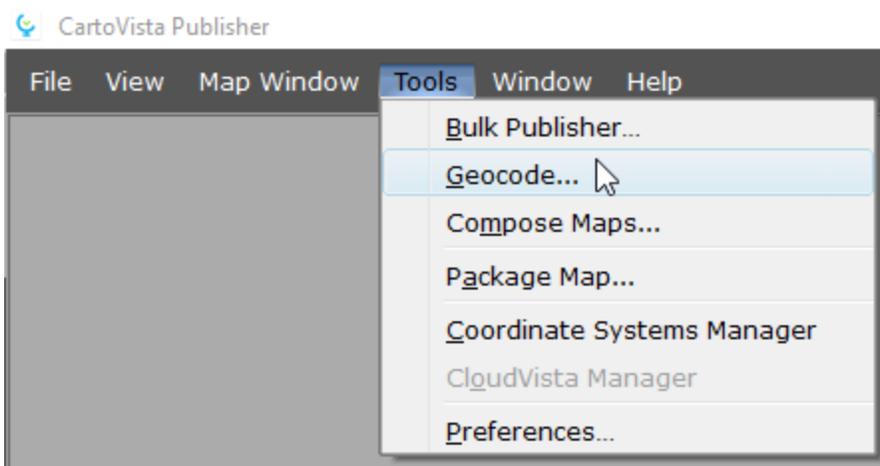
Geocode

Use the **Geocode** tool to create a point layer from an Excel file containing the addresses to locate in defined columns.

	A	B	C	D	E
1	Name	Address	Postal Code	City	Province
2	Grande Bibliothèque	475, boulevard De Maisonneuve Est	H2L5C4	Montréal	QC
3	Ahuntsic	10300, rue Lajeunesse	H3L 2E5	Montréal	QC
4	Belleville	10400, avenue de Belleville	H1H4Z7	Montréal	QC
5	Benny	6400, avenue de Monkland	H4B 1H3	Montréal	QC
6	Boisé	2727, boulevard Thimens	H4R 1T4	Montréal	QC
7	Cartierville	5900, rue De Salaberry	H4J 1J8	Montréal	QC
8	Charleroi	4740, rue de Charleroi	H1H 1V2	Montréal	QC
9	Côte-des-Neiges	5290, chemin de la Côte-des-Neiges	H3T 1Y2	Montréal	QC

Tools Menu

In the **Tools** menu, click **Geocode**.



Geocode Dialog

In the **Geocode** dialog, you can:

- Choose a geocoding **Service**.
- Navigate to your **Source File**.
- Select the columns containing relevant **Address Info**.
- Add a **Suffix** applying to all data, such as the country, to get better geocoding success.
- Insert new **Result Columns** such as latitude and longitude or details about the geocoding success.
- Determine the **Output File** folder.

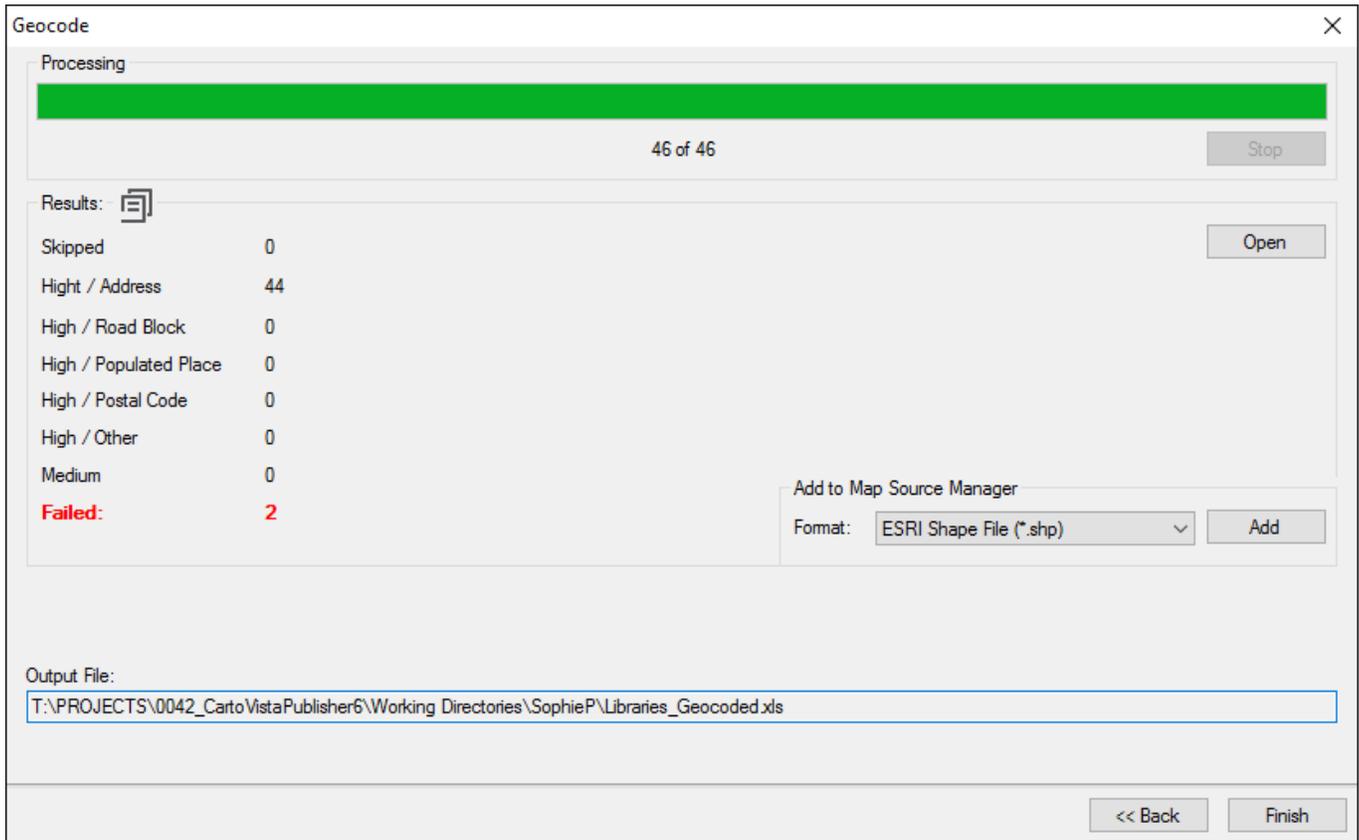
The screenshot shows the 'Geocode' dialog box with the following configuration:

- Service:** CartoVista (Microsoft Bing)
- Geocodes Remaining:** 162
- Source File:** T:\PROJECTS\0042_CartoVistaPublisher6\Working Directories\SophieP\Libraries.xls
- Address Info:**
 - Worksheet:** Feuil1
 - Source Has Header Row
 - Name
 - Address
 - Postal Code
 - City
 - Province
- Results Columns:**
 - Latitude:** Create New Column
 - Longitude:** Create New Column
 - Confidence:** Create New Column
 - Entity:** Create New Column
 - Address:** Address
- Suffix:** Canada
- Sample Address:** 475 boulevard De Maisonneuve Est H2L5C4 Montréal QC Canada
- Output File:** T:\PROJECTS\0042_CartoVistaPublisher6\Working Directories\SophieP\Libraries_Geocoded.xls

Buttons: Next >>, Cancel

Next Dialog

The **Next** dialog launch the tool and shows the global analysis of the geocoding success.



Open the Output File

The **Open** button displays the resulting Excel file. For example, new columns containing the geographic coordinates and details of the geocoding success will be added.

	A	B	C	D	E	F	G	H	I
1	Name	Address	Postal Code	City	Province	Latitude	Longitude	Confidence	Entity
2	Grande Bibliothèque	475 Boulevard de M	H2L 5C4	Montréal	QC	45.51536	-73.56216	High	Address
3	Ahuntsic	10300 Rue Lajeune	H3L 2E5	Montréal	QC	45.55341	-73.66278	High	Address
4	Belleville	10400 Avenue de B	H1H4Z7	Montréal	QC	45.58221	-73.64251	High	Address
5	Benny	6400 Avenue de Mc	H4B 1H3	Montréal	QC	45.4665429	-73.6308133	High	Address
6	Boisé	2727 Boulevard Thir	H4R 1T4	Montréal	QC	45.5031856	-73.7054879	High	Address
7	Cartierville	5900 Rue de Salab	H4J 1J8	Montréal	QC	45.52694	-73.71313	High	Address
8	Charleroi	4740 Rue de Charle	H1H 1V2	Montréal	QC	45.59639	-73.63129	High	Address
9	Côte-des-Neiges	5290 Chemin de la	H3T 1Y2	Montréal	QC	45.49592	-73.62224	High	Address

Add the Point Layer

Use the drop-down list to generate a point layer in ESRI Shape file (SHP) or MapInfo Table (TAB) **Format**. The **Add** button will send it to the [Map Sources Manager](#), ready to use in your maps.

