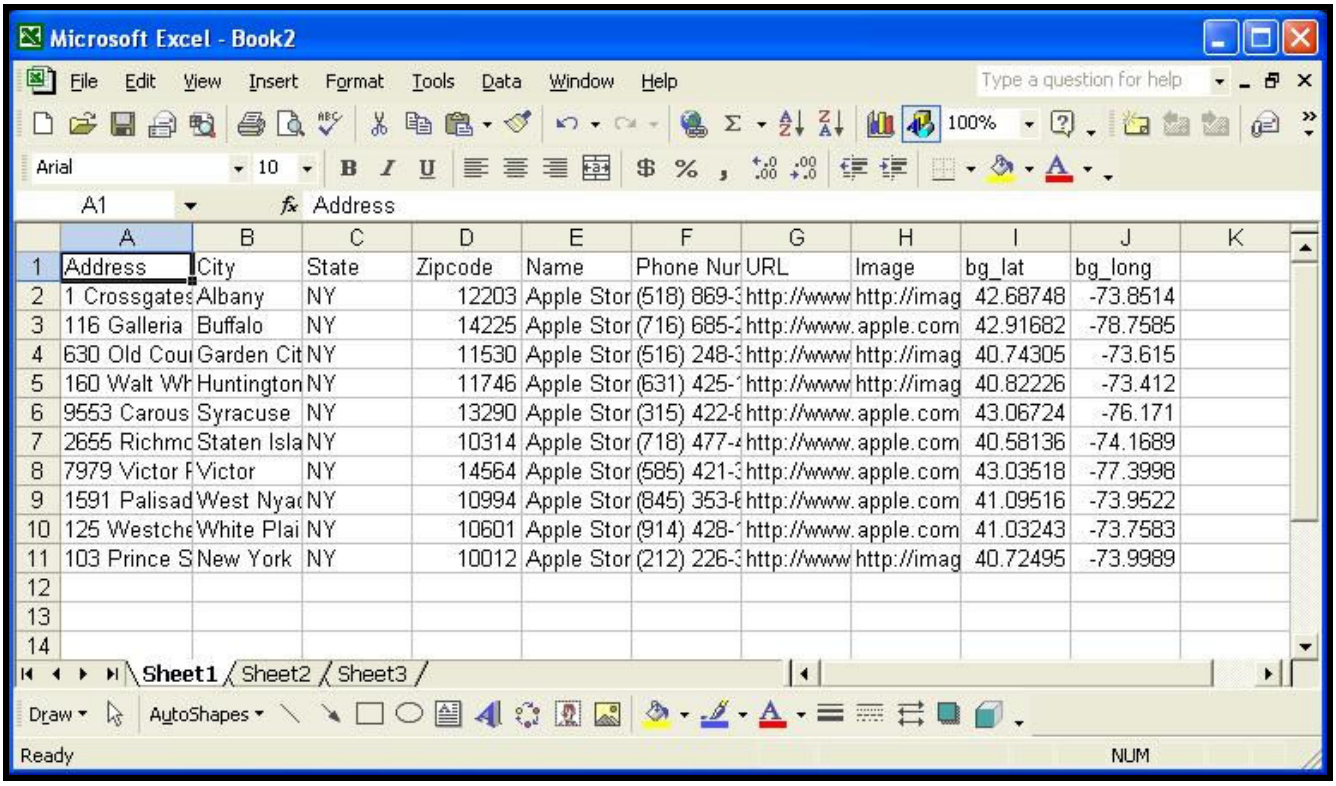
Import Geocoded Address Locations into ArcMap from Batchgeocode.com

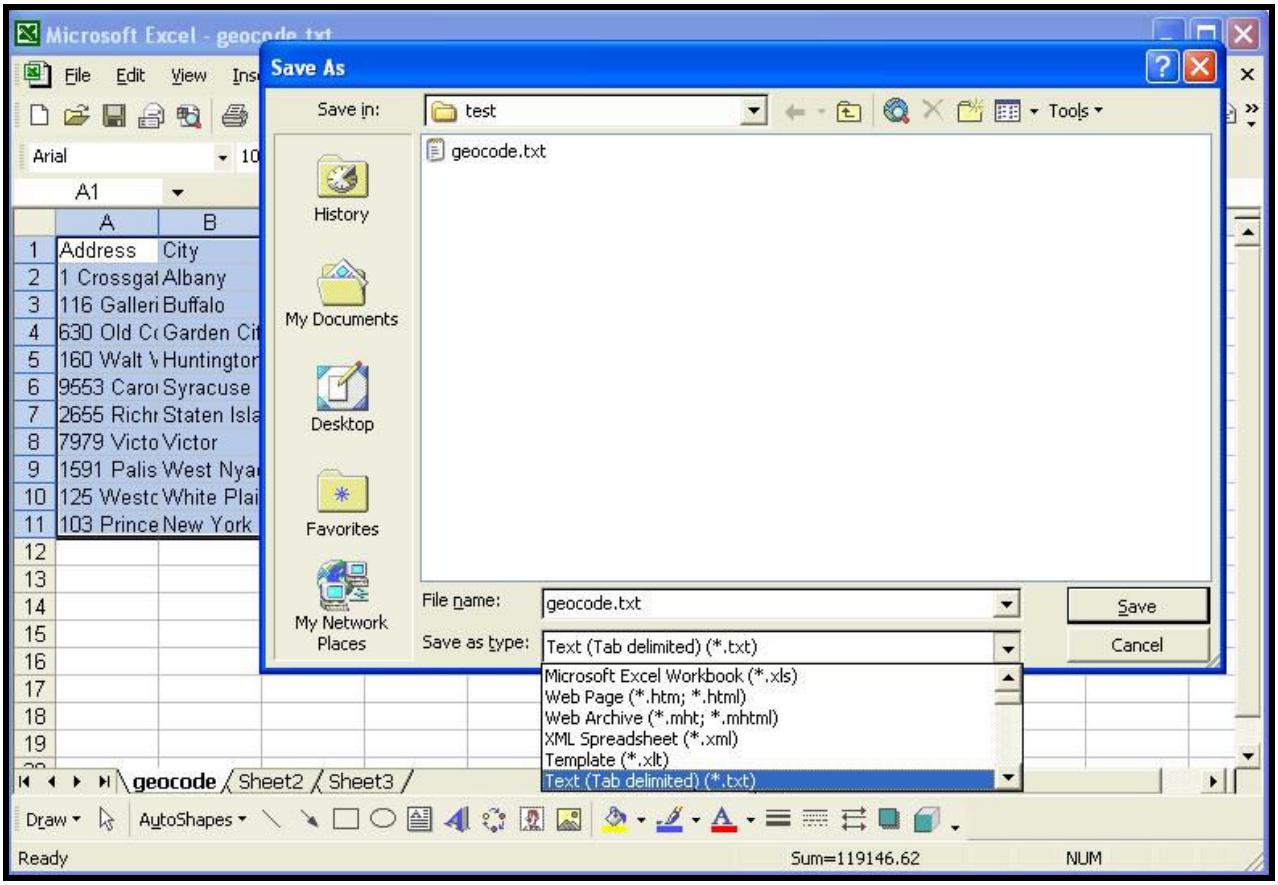
Batchgeocode.com provides instructions for using their site to add latitude and longitude coordinates to a list of addresses. After completing the six-step procedure provided at that website, here are tips for bringing that data into ArcMap.

1) Copy the output data provided in Step #6 and paste it into Excel. The example below uses the sample data provided at Batchgeocode.com



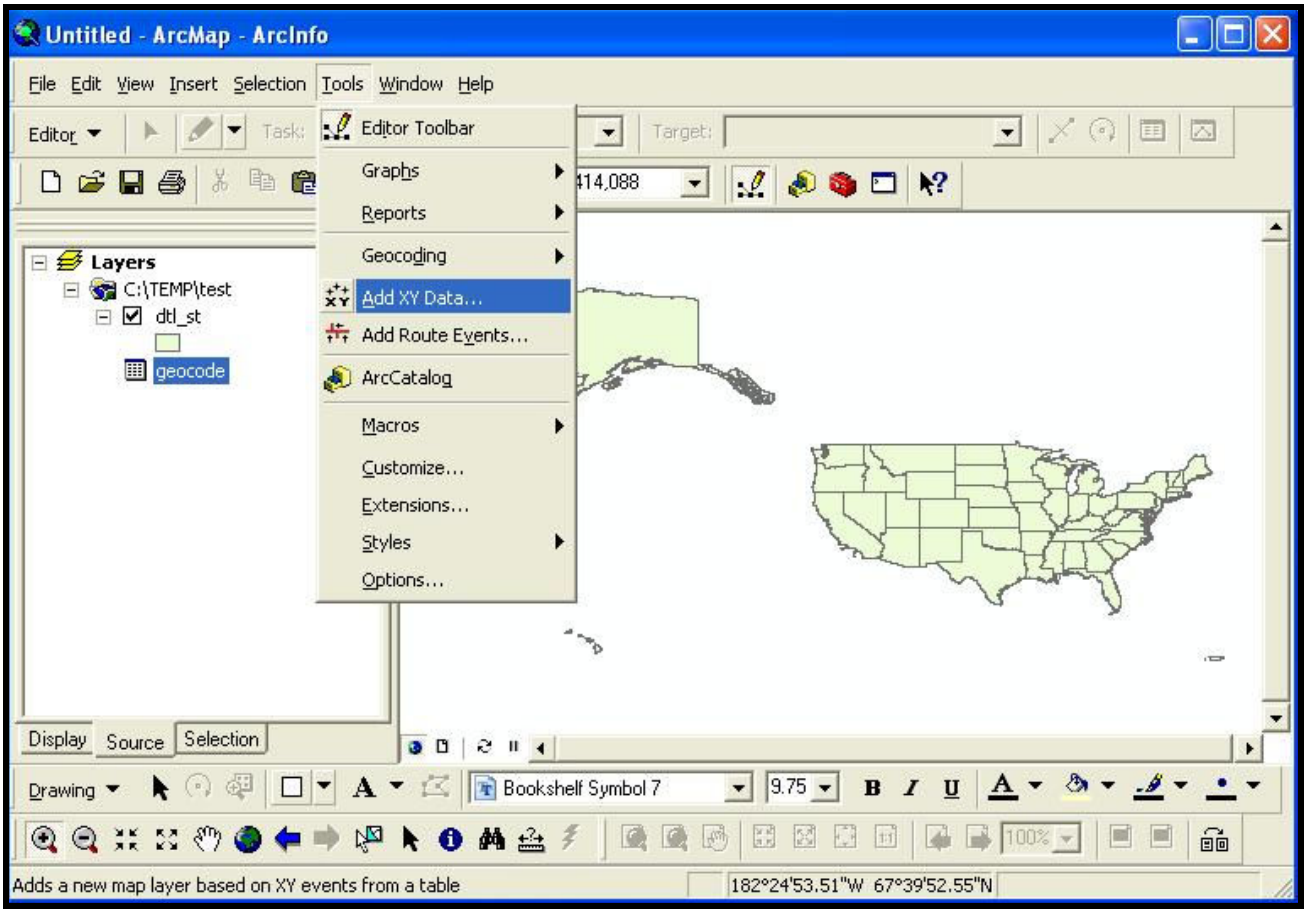
	A	B	C	D	E	F	G	H	I	J	K
1	Address	City	State	Zipcode	Name	Phone Nur	URL	Image	bg_lat	bg_long	
2	1 Crossgates	Albany	NY	12203	Apple Stor	(518) 869-3	http://www	http://imag	42.68748	-73.8514	
3	116 Galleria	Buffalo	NY	14225	Apple Stor	(716) 685-2	http://www.apple.com		42.91682	-78.7585	
4	630 Old Cour	Garden Cit	NY	11530	Apple Stor	(516) 248-3	http://www	http://imag	40.74305	-73.615	
5	160 Walt Wh	Huntington	NY	11746	Apple Stor	(631) 425-1	http://www	http://imag	40.82226	-73.412	
6	9553 Carous	Syracuse	NY	13290	Apple Stor	(315) 422-8	http://www.apple.com		43.06724	-76.171	
7	2655 Richmc	Staten Isla	NY	10314	Apple Stor	(718) 477-4	http://www.apple.com		40.58136	-74.1689	
8	7979 Victor F	Victor	NY	14564	Apple Stor	(585) 421-3	http://www.apple.com		43.03518	-77.3998	
9	1591 Palisad	West Nyac	NY	10994	Apple Stor	(845) 353-8	http://www.apple.com		41.09516	-73.9522	
10	125 Westche	White Plai	NY	10601	Apple Stor	(914) 428-1	http://www.apple.com		41.03243	-73.7583	
11	103 Prince S	New York	NY	10012	Apple Stor	(212) 226-3	http://www	http://imag	40.72495	-73.9989	
12											
13											
14											

2) Save the data into a file in tab-delimited format (.txt). Select the file format from the scroll list from the **Save as type** menu below the filename.

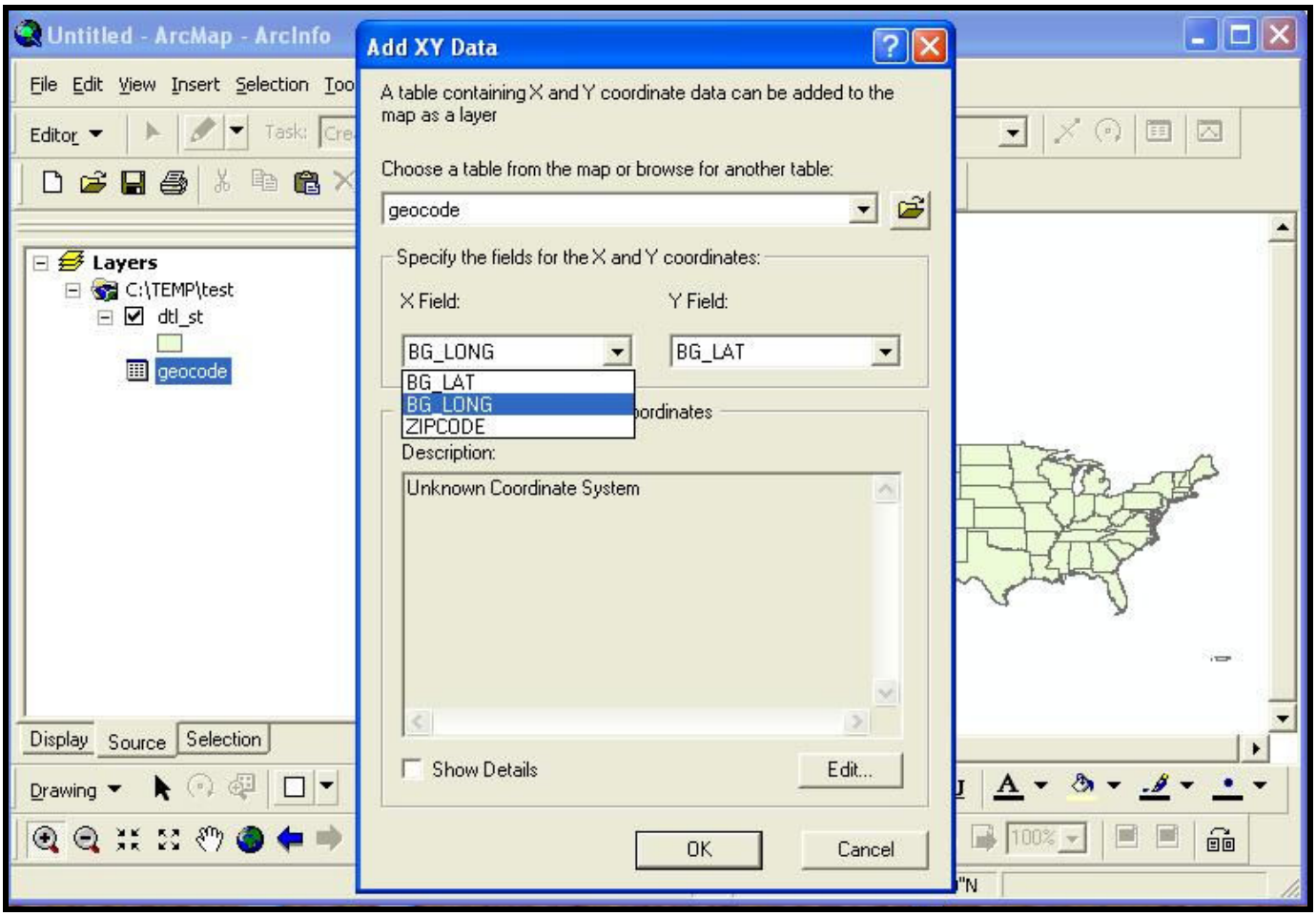


3) Add that file to ArcMap using the  icon. In this example the filename is geocode.txt.

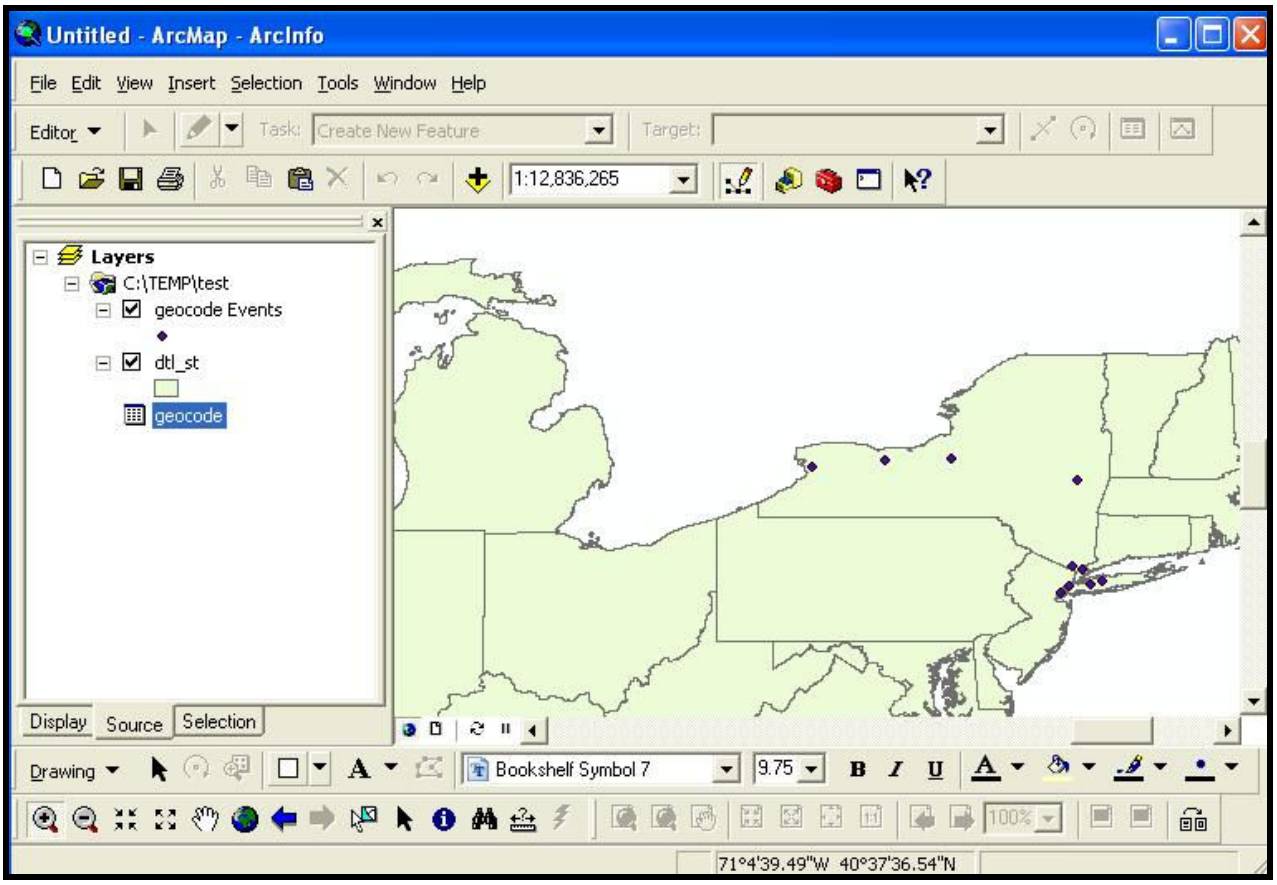
4) In ArcMap select Tools → Add XY Data



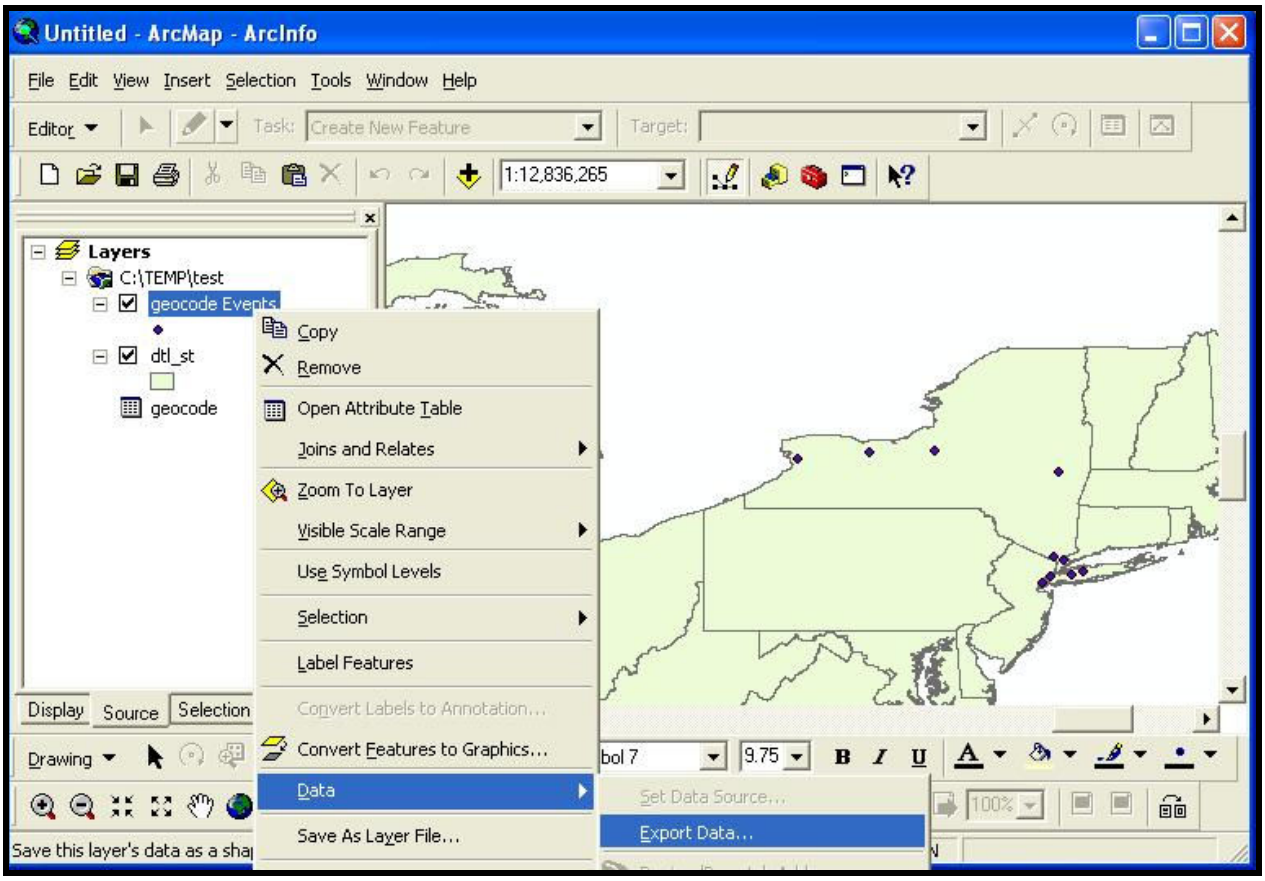
5) In the dialog box that appears, assign bg_long to the X field and bg_lat to the Y field. Click OK.



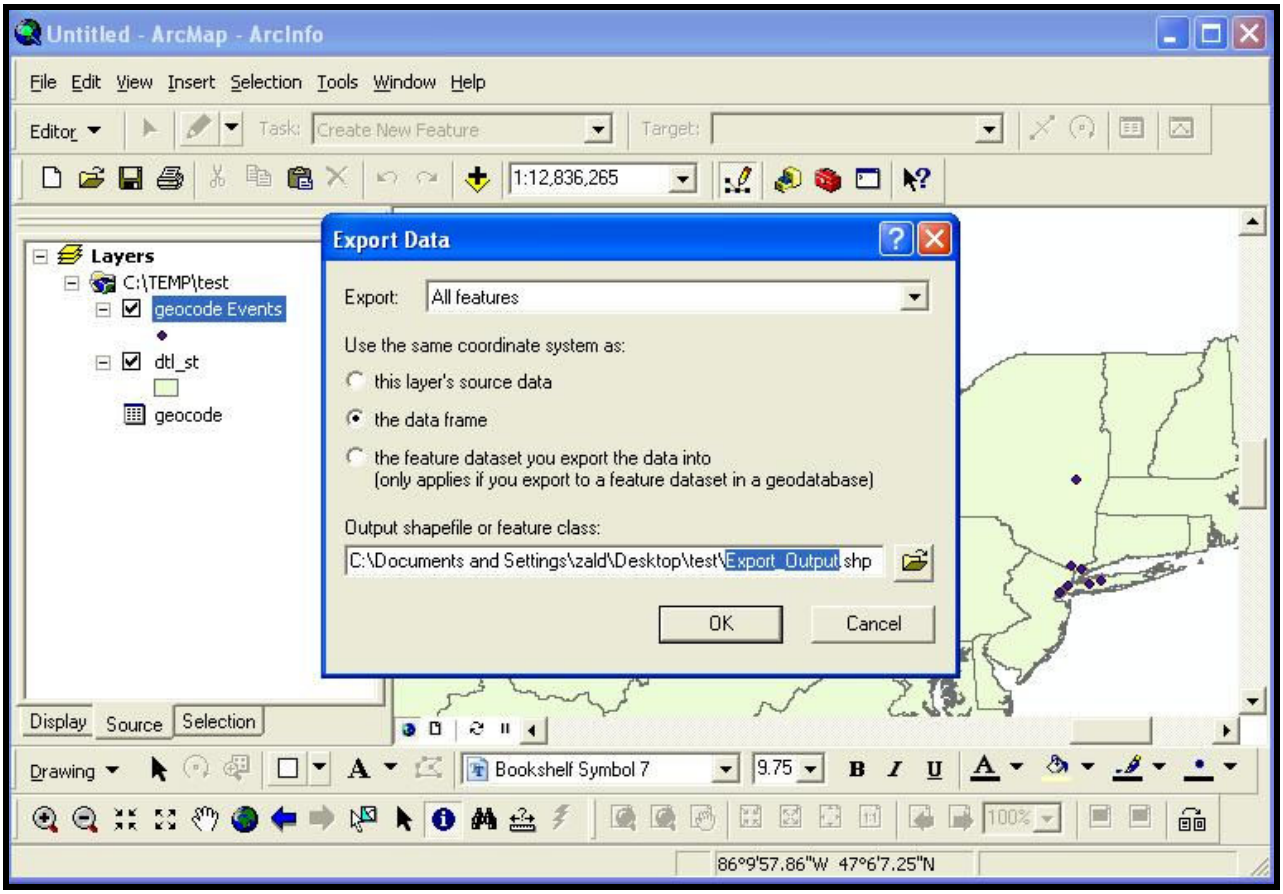
The geocoded addresses should now appear as points in the ArcMap display, as they do in this example which is zoomed in to New York State. Note the added item appearing in the list of layers on the left side of the ArcMap display (*geocode Events*).



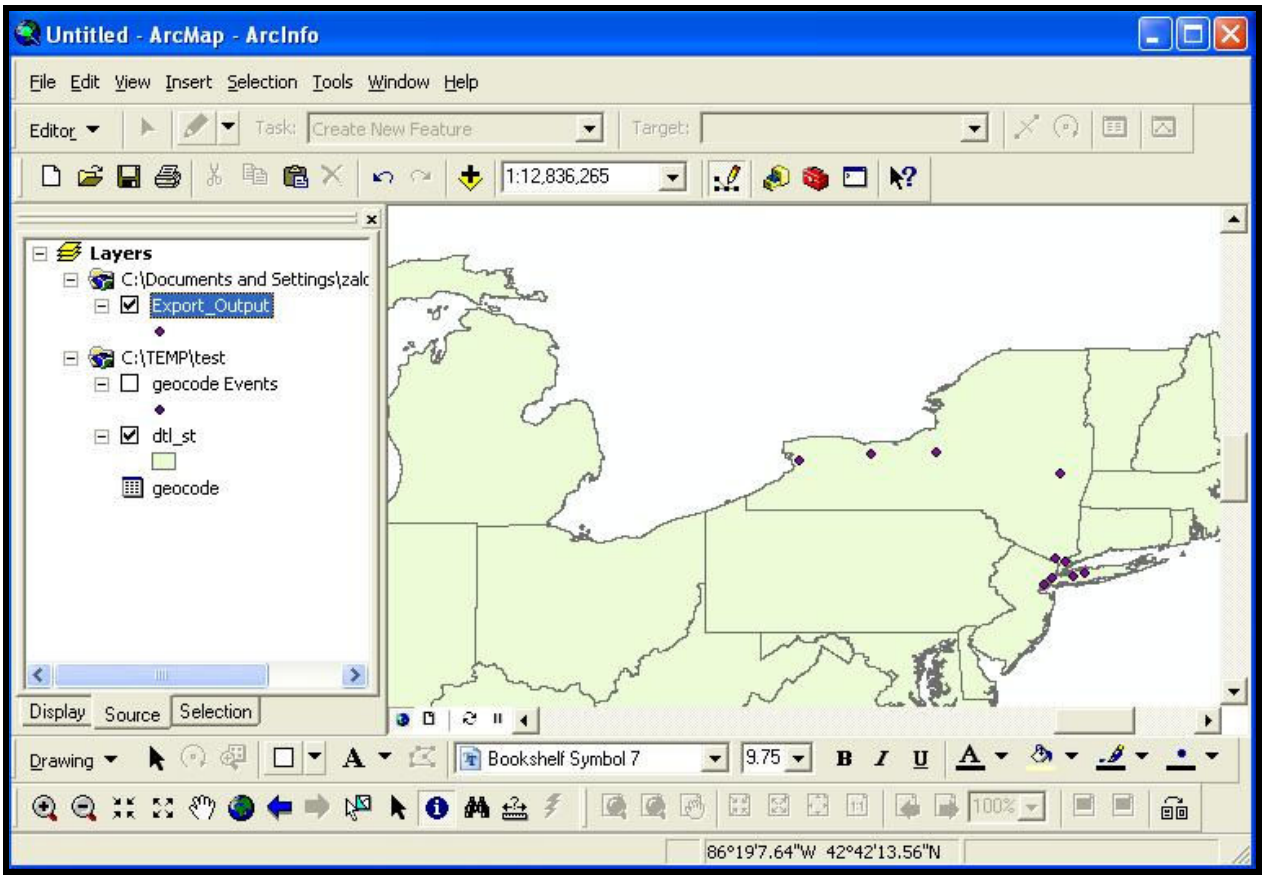
6) Right click on *geocode Events* and choose **Data -> Export Data . . .** to export these records as a shapefile.



A dialog box will appear providing you options to choose relating to the projection of the exported data layer as well as the location and name of the file.



You can also choose to add the newly created layer to the map, as has been done in the example below. Note that the new layer (*Export_Output*) is displayed, the checkmark having been removed from the **geocode Events** version.



The addresses are now geocoded and available as a shapefile so they can be displayed and manipulated as one of several layers in this project.

OPTIONAL: To clean up the display under Layers you could remove the now unnecessary items *geocode Events* and *geocode.* To do that right click on each one and select **Remove**. The result is a less cluttered workspace as shown below.