

This REGIS QuickSheet provides a step-by-step process for creating a neighborhood thematic map from the ECF codes assigned to each parcel. These codes are obtained by joining the Parcels feature layer with the CADASTRAL.EQ\_TAXINFO data table.


**Please note:** this process is solely dependant on the assessor data made available to the REGIS system.

The TAXINFO table is a list of parcel information that contains the Neighborhood (ECF) codes needed to create the map. In order to display the neighborhood information on a map, the table must be joined to a parcels layer containing the feature boundaries. This is done by matching the corresponding parcel number ID fields in a database join operation. This reference sheet will go through the steps to complete this join and display neighborhood boundaries by unique color classification.

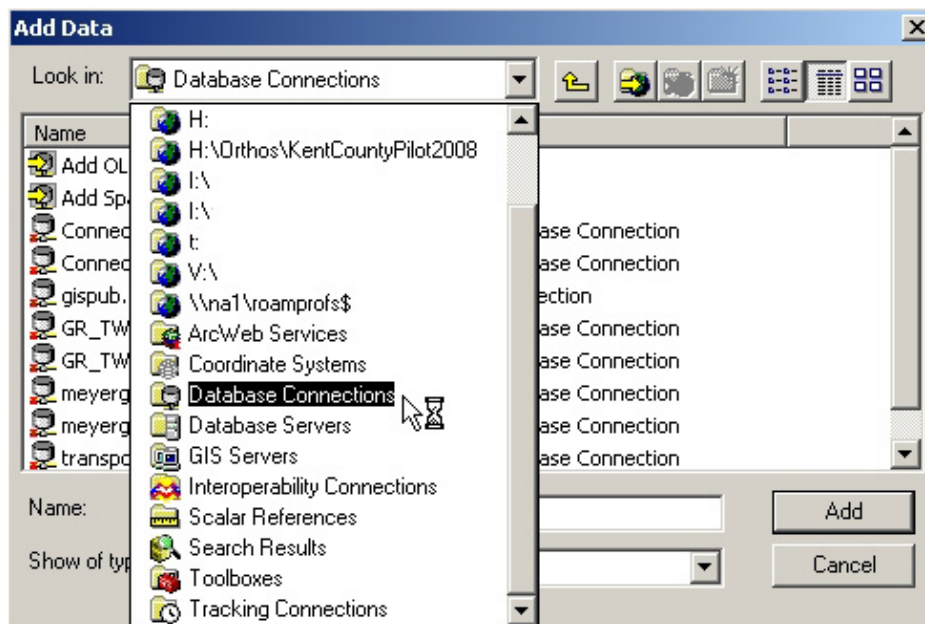
For issues involving assessment data import/exports or for more information contact the REGIS help desk at (616) 776-7744.

## Step-by-Step Process

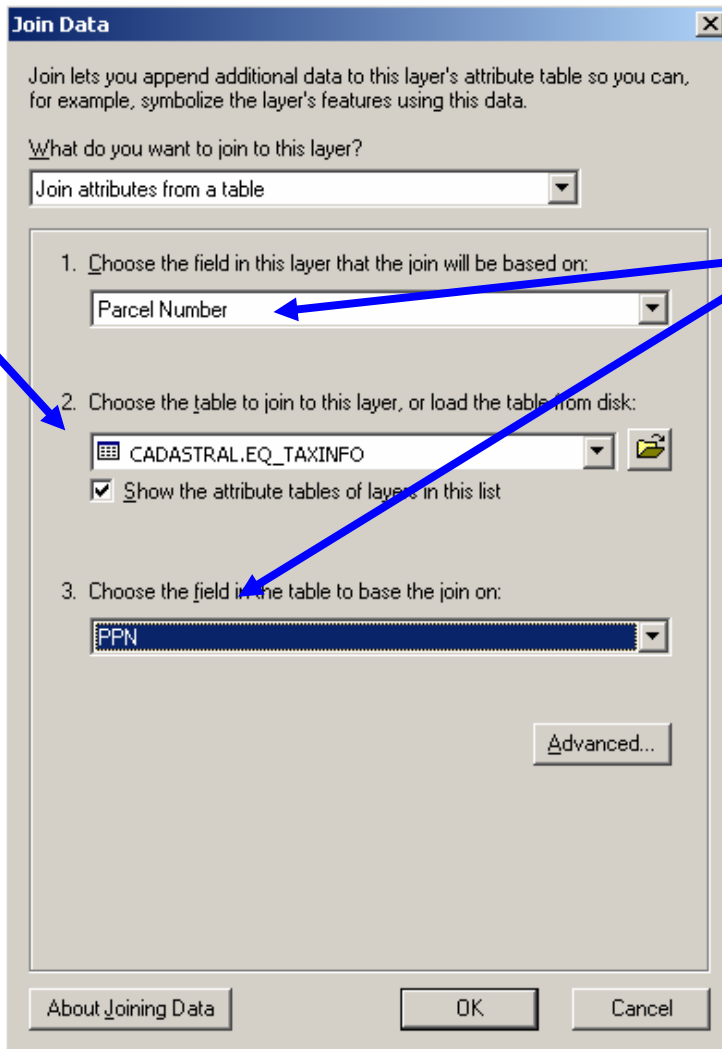
### Joining TAXINFO Table to Parcels Layer

1. Log into the REGIS ArcGIS 9x3 application of your choice (ArcView 9x3, ArcEditor 9x3, ArcInfo 9x3) as you normally would. At a minimum for this operation, you should load the Parcels layer, however, feel free to add any other layers you may find useful.
2. Click on the Add Data toolbar shortcut  to add the SDE table titled "CADASTRAL.EQ\_TAXINFO" to your map. This table can be accessed by navigating to Database Connections in the dropdown box, as seen below.

Now that the CADASTRAL.EQ\_TAXINFO table has been added to the map the join to the Parcels layer can be completed.



- Right click on the Parcels layer you loaded in Step 1 and choose the **Joins and Relates > Joins...** in the pop-up menu to bring up the Join dialog box. Choose fields as shown below:



Choose the TAXINFO table added to the map.

The fields titled **Parcel Number** & **PPN** are those that match between the Parcels layer and the TAXINFO data table.

This will append the TAXINFO table with the Parcels attribute table.

- Right-click again on your Parcels layer and this time choose **Open Attribute Table**. If successful, the joined TAX-INFO table should appear in the far right columns. Notice the Neighborhood column with the ECF ID.

Acres	CADASTRAL.EQ_TAXINFO.NEIGHBORHOOD	OBJECTID *
0	257	156145
0	001	163241
0	275	156177
0	313	277433
0.25	007	158614
0	109	287755
0	140	192636
0	109	152552
0	153	192667

## Creating a Neighborhood Color Classification Map

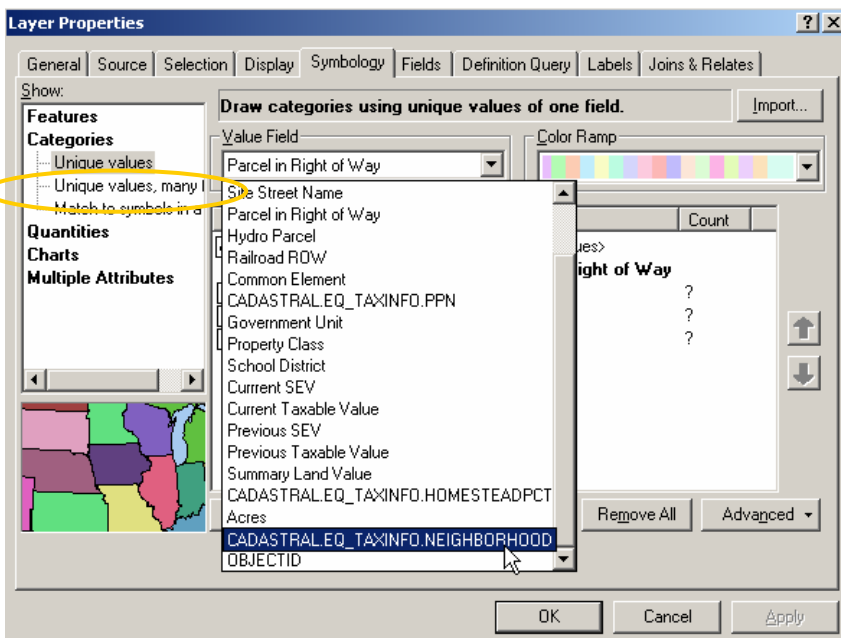
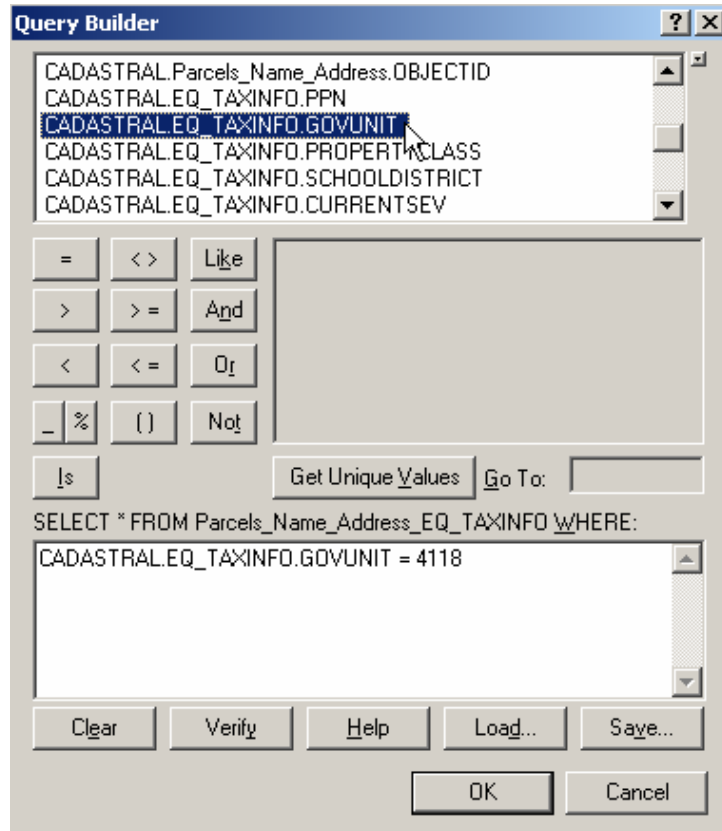
The following steps demonstrate how to display parcels of a particular government unit and add a color classification per neighborhood.

1. Right-click on the **Parcels** layer that contains the joined data and choose **Properties...**
2. Go to the **Definition Query** tab in the Layer properties and click on the **Query Builder...**

3. Double click on the field **TAXINFO.GOVUNIT** to place it in the query statement window on the bottom, as shown on the right.

Add an '=' and the Government unit number for your study area to complete the query statement. You can find an **Index table of all government unit numbers on the last page of this document.**

4. Click on the **Verify** button to make sure your query statement is valid and click **OK**.



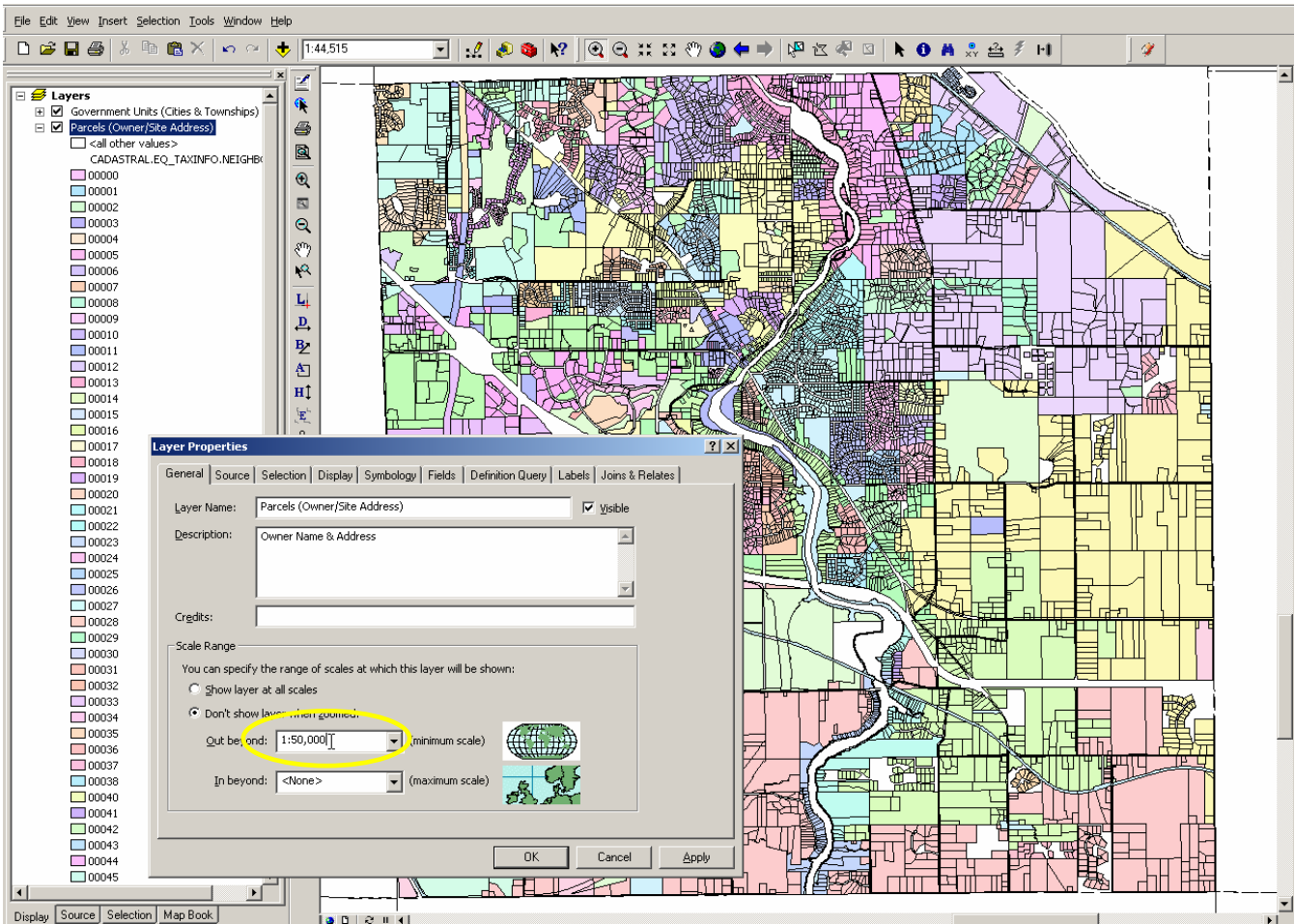
5. While still in the Layer Properties dialog box, choose the **Symbology** tab.

6. Choose the **Unique Values** option under **Categories** in the left **Show:** window.

7. Find the **EQ\_TAXINFO.NEIGHBORHOOD** field in the **Value Field** drop down box and click on the **Add All Values** button on the bottom.

Allow time for the process to automatically assign unique colors to all the parcels by their assigned Neighborhood code. Select your desired color scheme from the **Color Ramp** drop down box and click **OK**.

8. Depending on the scale of your study area, adjustments to the **Scale Range** settings of your Parcels layer might be needed. This can be solved by changing the scale range value in the **General Tab** of the Parcel layers **Properties** box. This is demonstrated below.



Government Name	Unit#
Ada Township	4111
Algoma Township	4112
Algoma Township	4112
Alpine Township	4113
Bowne Township	4114
Byron Township	4115
Caledonia Township	4116
Cannon Township	4117
Cascade Township	4118
Courtland Township	4119
Courtland Township	4119
Gaines Township	4120
Grand Rapids Township	4121
Grattan Township	4122
Lowell Township	4123
Lowell Township	4123
Nelson Township	4124
Oakfield Township	4125
Plainfield Township	4126
Solon Township	4127
Solon Township	4127
Solon Township	4127
Solon Township	4127
Solon Township	4127
Sparta Township	4128
Spencer Township	4129
Tyrone Township	4130
Vergennes Township	4131
City of Cedar Springs	4137
City of Cedar Springs	4137
City of Cedar Springs	4137
City of Cedar Springs	4137
City of East Grand Rapids	4144
City of Grand Rapids	4151
City of Grand Rapids	4151
City of Grandville	4158
City of Kentwood	4165
City of Lowell	4172
City of Rockford	4179
City of Walker	4186
City of Wyoming	4193

### Additional Information

For assistance or additional information, please call the REGIS Help Desk at (616) 776-7744, send an e-mail to [regis@gvmc.org](mailto:regis@gvmc.org), or consult the REGIS Support Center at [http://www.gvmc-regis.org/regis\\_users.html](http://www.gvmc-regis.org/regis_users.html). For information on GIS training offered at REGIS contact Michele Wittkowski at (616) 776-7751 or visit the REGIS training website at <http://www.gvmc-regis.org/training.html>