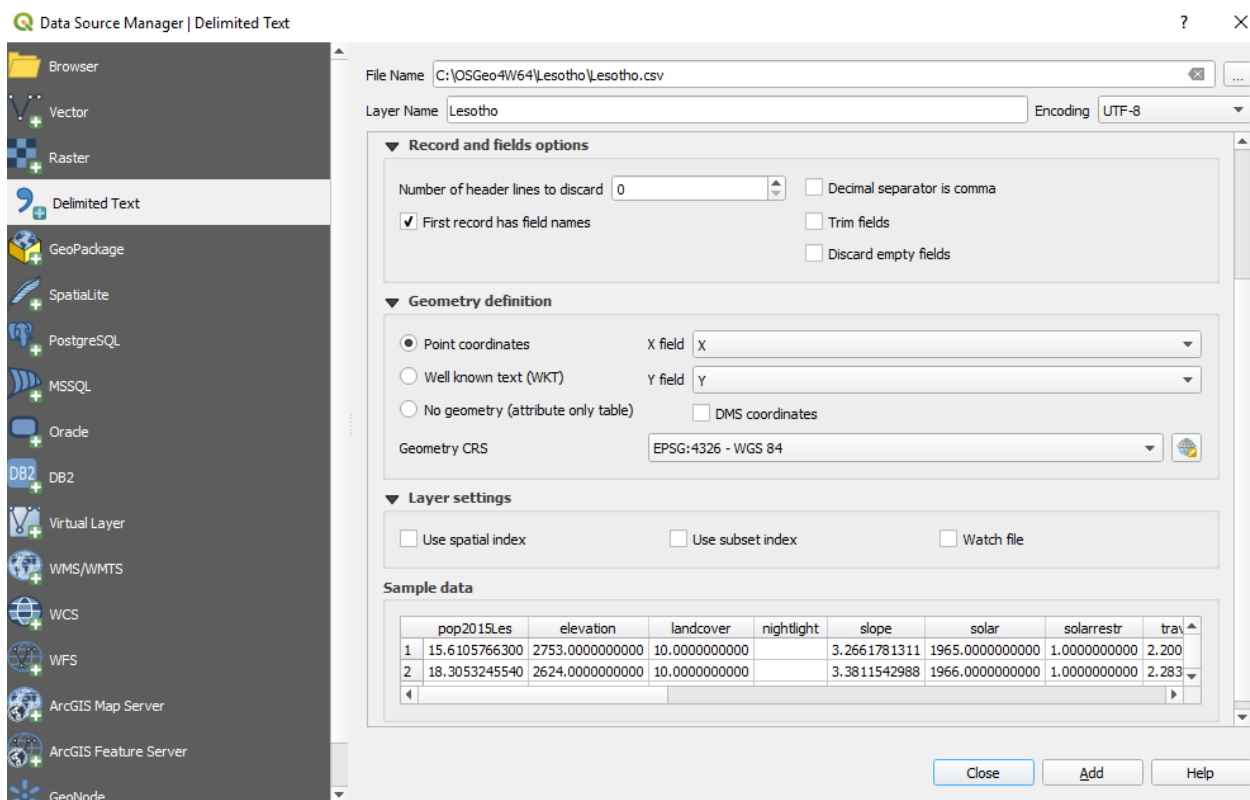


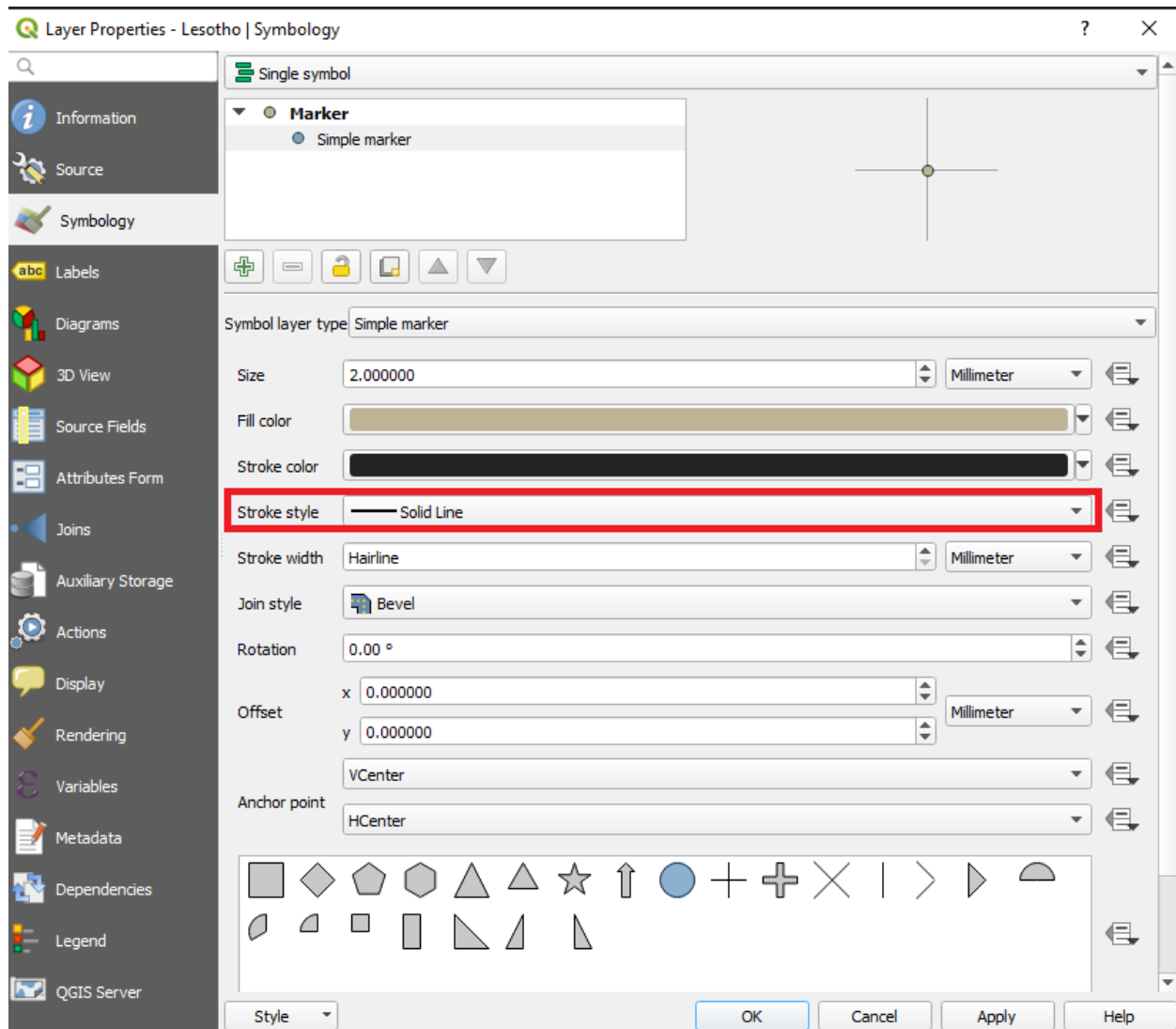
## Maps output

### Creating maps in ArcGIS or other GIS software

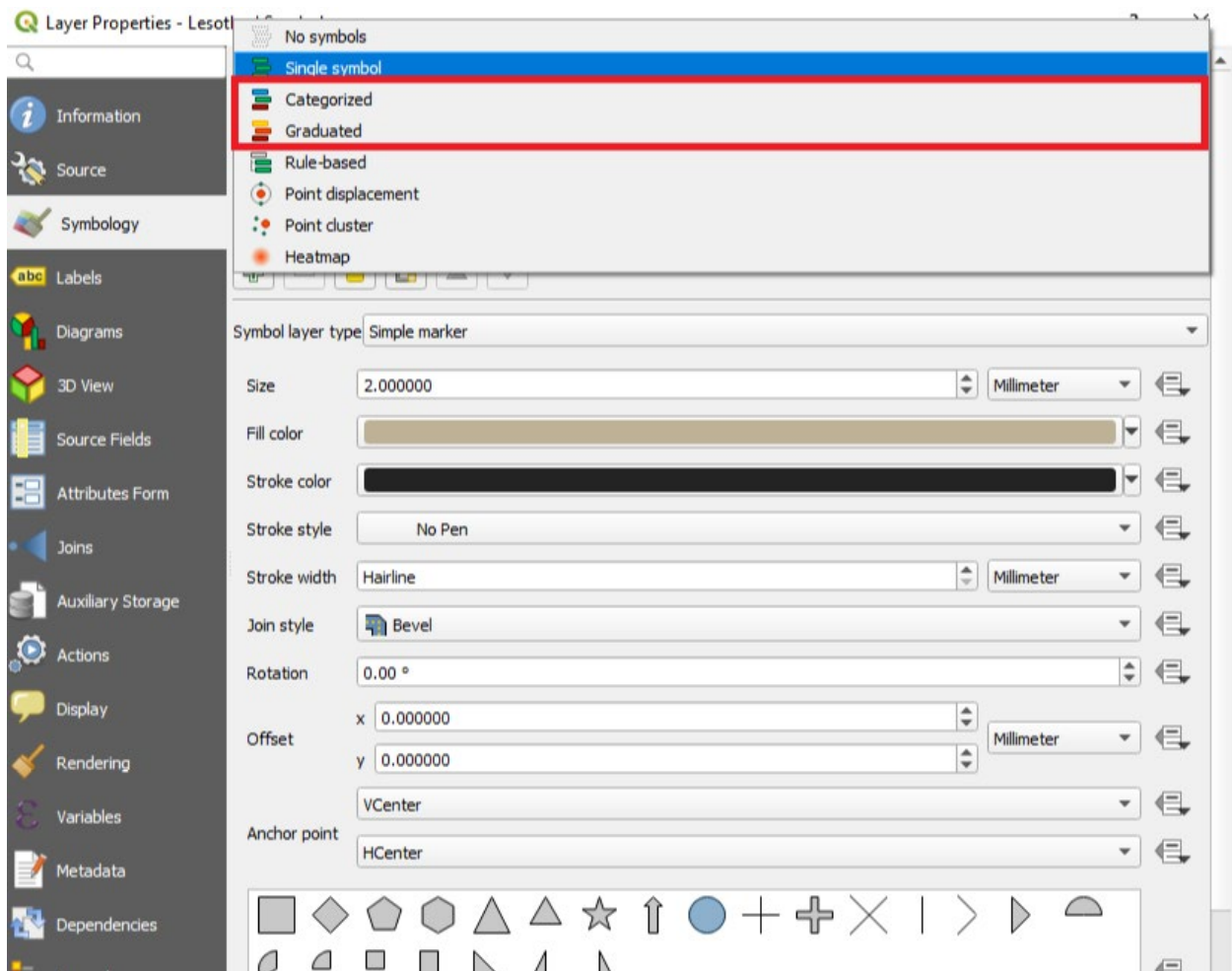
Visualization of the model outputs are an important part of a geospatial electrification analysis. This allows for an easy display of electrification strategies and enhanced understanding of the results. The most flexible way of visualizing the results are to create the maps using a GIS program. In QGIS, go to *Layer>Add Layer>Add Delimited Text Layer* and select the result .csv file containing the scenario results to be displayed. Next, choose the column with the coordinates as well as the projection system to generate a map. For the X and Y Field choose X and Y for coordinates in km or X\_deg and Y\_deg for coordinates in degrees.

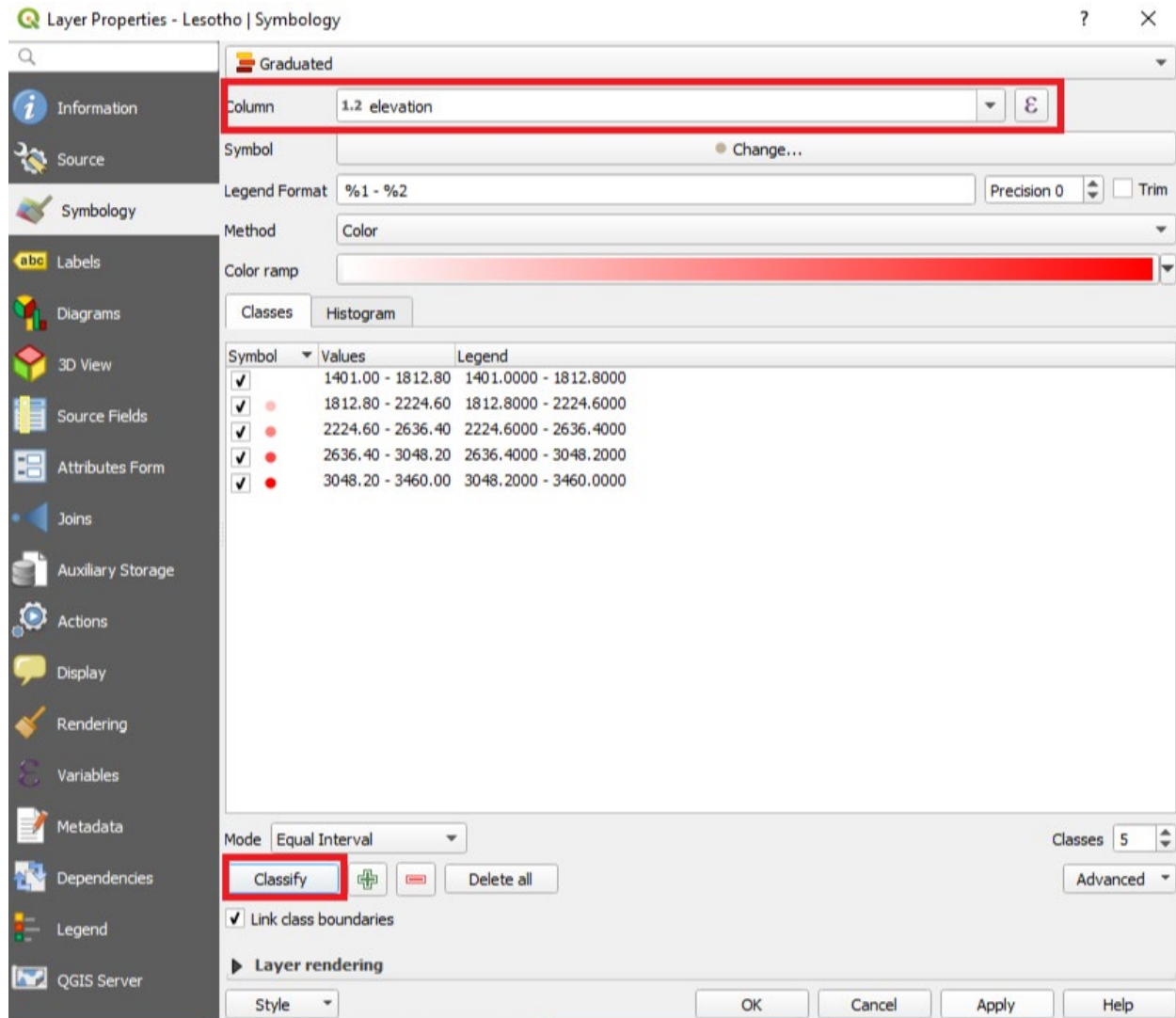


After doing this you get a point layer in your layer panel. Right-click on the layer and go to *Properties>Symbiology*. Remove the border of all the circles.



And then you can choose how to visualize your data. Choose **Categorized** for discrete data and **Graduated** for continuous data. In column choose the data you want to visualize and then click on classify.





After these steps you can easily create your own maps and include north arrows, legends and scale bars by going to *Project>New Print Layout*