Using MRT Symbology

For ArcGIS desktop users symbology to accompany our 25K, 250K and 500K geology datasets is supplied. Included with the geodatabase data format are ArcGIS .lyr files and custom fonts. All files have been created and tested using ArcGIS Desktop 10.8

# Custom Fonts

The following custom fonts have been created to allow symbolisation of our structure data, our geology polygon fill symbols and geology labels:

*MRT 1.ttf - Structure symbols*

*MRT 2.ttf - Structure symbols*

*MRT3.ttf - Structure symbols*

*MRT-Pattern.ttf - Geology fill patterns*

*MRT-MnemonicNarrow.ttf - Geology and outcrop labels*

To install the fonts, navigate to the folder where you have saved the custom font files. Select the fonts, right-click and choose Install. This will install the fonts in the font directory on your PC.

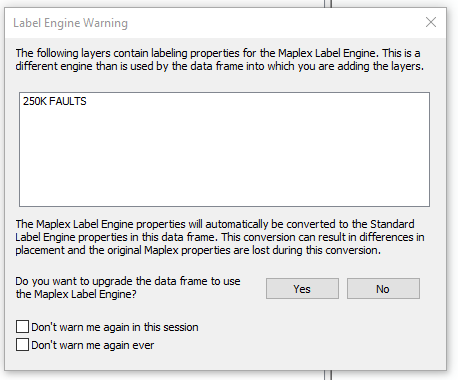
# Layer Files (.lyr)

A layer file has been created for each of the 3 geology datasets; 25K GEOLOGY, 250K GEOLOGY and 500K GEOLGY. They contain all the individual data layers relevant for that scale (see the list of component layers at the end of this document). The .lyr files can be loaded directly into ArcMap with the data symbolised as depicted on our published maps.

The layers have been created using relative paths. If you save the .lyr files in the same folder as the source data they should draw correctly. If the link to the data is broken when you load the .lyr file you will need to repoint the data source for each layer to the location you have saved the referenced data. This can be achieved by right clicking on one of the layers in the Table of Contents and choosing Data -> Repair Data Source. Fixing one broken link will repair all broken links if you have saved all the data in the same location.

The .lyr files will display correctly when a reference scale has been set in your ArcMap project. Ensure you have set the reference scale under the Data Frame Properties, to 1:25,000 for the 25K layers, 1:250,000 for 250K layers or 1:500,000 for 500K layers

Layer files have been created using the Maplex Label Engine. If you have labelling set to use the Standard Label Engine you will see the following warning when you load the .lyr file into your project – choose Yes to upgrade to the Maplex Label Engine.



## 25K GEOLOGY

*25K STRUCTURE*

*25K SECONDARY STRUCTURE*

*25K LINEARS*

*25K FAULTS*

*25K CONTACTS*

*25K OUTCROPS*

*25K GEOLOGY PATTERN*

*25K GEOLOGY COLOUR*

## 250K GEOLOGY

*250K STRUCTURE*

*205K LINEARS*

*250K FAULTS*

*250K CONTACTS*

*250K GEOLOGY PATTERN*

*250K GEOLOGY COLOUR*

## 500K GEOLOGY

*500K FAULTS*

*500K CONTACTS*

*500K GEOLOGY PATTERN*

*500K GEOLOGY COLOUR*