



Digital Geological Map of Great Britain (DiGMapGB) data

Information Note, 2007: [25k](#)

[DiGMapGB-25 Version 1.14](#) data

1:25 000 scale

This note should be read in conjunction with:

DiGMapGB Information Note, 2007: 'General' for data at all scales &

DiGMapGB Information Note, 2007: '10k' for 1:10 000 scale data.

1 Caution

The 1:25 000 scale data is moderately-detailed but it is generalised nevertheless and the map interpretations should be used only as a guide to the geology, not as site-specific plans based on detailed site investigations. The scale of the original information is indicated by the nominal scale attribute (NOM_SCALE: 25000) embedded in the data. Do not over-enlarge the data; for example, do not use 1:25 000 nominal scale data at 1:5000 or 1:2500 working scale.

The DiGMapGB-25 dataset is a partial one which complements the DiGMapGB-10 data. Where there is 1:25 000 scale data (apart from special areas of classic geology) it is likely to be the most detailed data available. Most primary geological mapping is carried out at 1:10 000 scale but in some areas, such as Central Wales, the Scottish Highlands and Southern Uplands, rapid mapping at 1:25 000 has been adopted as the norm. Most of this work will be published at 1:50 000. Where the geology is particularly complex, or in some areas of classic geology, 1:25 000 sheets may also be published, and the digitised data used for DiGMapGB-25 tiles.

The geological lines were fitted to detailed Ordnance Survey 1:25 000 topographical bases available at the time of survey, as indicated by the nominal OS year attribute (NOM_OS_YR). The digital data do not necessarily fit other topographical bases, including more modern OS ones.

The original positioning and subsequent redrafting of geological lines (i.e. the cartographical accuracy) is probably no better than 1 mm on the 1:25 000 base map which equates to 25 m on the ground.

2 Sources of 1:25 000 scale information

Each DiGMapGB-25 digital tile is typically based on the latest 1:25 000 scale geological map. Some changes may have been made but major revisions to the lines have generally been avoided. Geological data relating to specific points, such as fossil localities, boreholes or dip arrows, were not originally included in DiGMapGB-25 but it is planned to do so in future.

The geological nomenclature has been reviewed and revised, as far as reasonably possible, to conform to the most up-to-date accepted usage; usually this will also conform to the DiGMapGB-50 dataset. The lithology of bedrock units and superficial deposits recorded for DiGMapGB-25 may differ slightly from those given for the same area in DiGMapGB-50, but they should fall within the more generalised description used for the DiGMapGB-50 data.

The sources of information specific to each DiGMapGB-25 digital tile are available.

Further details of related datasets can be seen on the BGS website at:

http://www.bgs.ac.uk/products/digitalmaps/digmapgb_10.html

http://www.bgs.ac.uk/products/digitalmaps/digmapgb_50.html