



Digital Geological Map of Great Britain (DiGMapGB) data

Information Note 2007, [625k](#)

[DiGMapGB-625 Version 1.10](#)

1:625 000 scale

*This note should be read in conjunction with:
'DiGMapGB Information Note, 2007: General' for data at all scales.*

1 Caution

The 1:625 000 scale data may be used as a guide to the regional or national level, but should not be relied on for local geology. The scale of the original information is indicated by the nominal scale attribute (NOM_SCALE: 625000) embedded in the data. Do not over-enlarge the data; for example do not use 1:625 000 nominal scale data at 1:250 000, 1:100 000 or 1:50 000 working scale. If more-detailed information is required then the 1:250 000, 1:50 000 or 1:10 000 scale maps or digital data, should be consulted.

The 1:625 000 scale geological maps were generalised from other maps, mostly at 1:50 000 (or 1:63 360) scale maps by cartographical selection, modification, simplification or exaggeration. The generalised geological lines were fitted to Ordnance Survey 1:625 000 topographical bases available at the time of publication, 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 compilation of geological lines (i.e. the cartographical accuracy) is probably no better than 1 mm which equates to 625 m on the ground for the 1:620 000 scale base map and for practical purposes this could probably be rounded up to 1 km.

2 Sources of 1:625 000 scale information

The DiGMapGB-625 datasets, derived from the two 1:625 000 'poster' maps of the United Kingdom, were amongst the first maps to be digitised. Each map comprises a north and south sheet, and there are two editions. The Superficial theme is based on the Quaternary, 1977 (First edition) map sheets and the Bedrock theme is based on the Solid, 1979 (Third edition) map sheets.

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The Superficial theme is attributed with Lex-Rock seeds whilst the Bedrock theme, which has a mixture of lithostratigraphical, chronostratigraphical and lithological units on the printed map, retains single feature geological attribution.

For further details see:

http://www.bgs.ac.uk/products/digitalmaps/digmapgb_625.html

A new DiGMapGB-625 Bedrock dataset is currently being prepared directly from the DiGMapGB-50 dataset for release in 2007. Customers holding a current licence will be entitled to this upgrade, once available. In due course it is also expected that a new DiGMapGB-625 Superficial dataset will be created.