

OR/13/001 Model workflow

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A standard GSI3D workflow (Kessler & Mathers, 2004;^[1]; Kessler et al. 2009^[2]) for superficial geological models was followed, in the parts of the model surveyed as an integrated exercise (all TM) borehole coding was followed by the field survey, the 1:10 000 geological lines were captured digitally by CartoGIS from field slips and/or fair drawn linework on plastic. The resulting 1:10 000 scale provisional shape files were then provided for use in modelling. Edits to the shape files were made iteratively as a result of the modelling, in particular subcrops at rockhead were revised with the benefit of a 3D visualisation of the geology. It has been assembled and edited using the current versions of the GSI3D software since 2006 i.e. 2.0-2.6-2011-2012 (bedrock).

References

1. [↑](#) KESSLER, H, and MATHERS, S J. 2004. The 3D geological map — finally capturing the Geologists' Vision.
2. [↑](#) KESSLER, H, MATHERS, S J, and H-G, SOBISCH. 2009. The capture and dissemination of integrated 3D geospatial knowledge at the British Geological Survey using GSI3D software and methodology. *Computers & Geosciences* 35, 1311-1321.

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