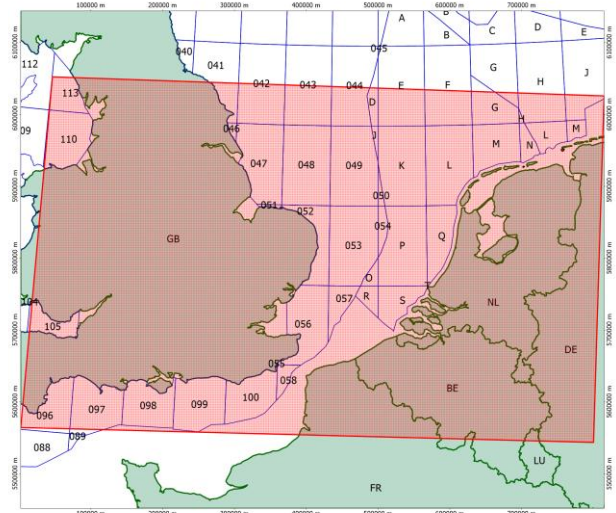


# Spatial Georegistration of Map Images

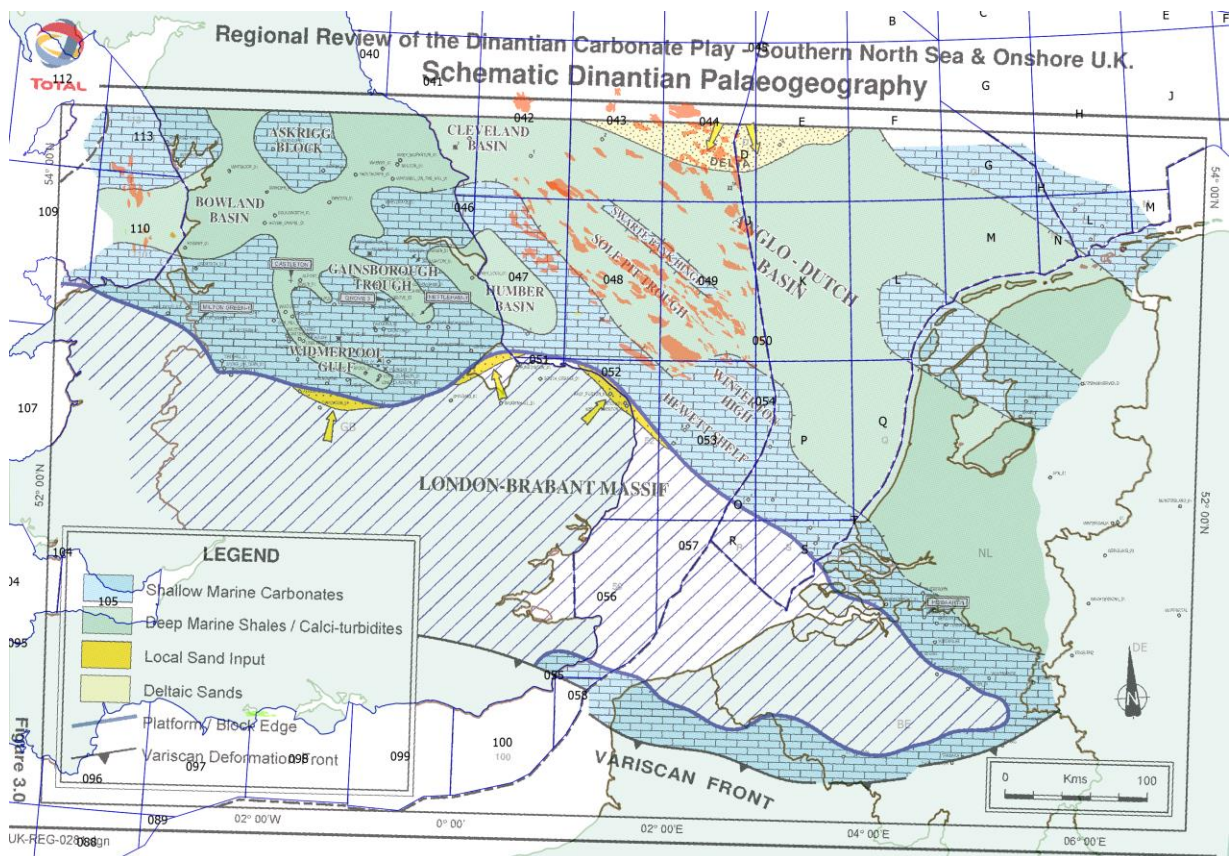


Calderdale Geoscience (CGL), a UK-based geosciences consultancy established in 2004, offers accurate map image georegistration and map digitisation services to the geoscience community.

Georegistration, or georeferencing, is the process of adjusting a raster image or vector drawing to match the coordinate system and aspect of a known reference vector or raster. In order to minimise registration errors, CGL's workflow utilises reference points with known XYs, such as well top-hole locations or block boundary intersections. This limits the digitising error to the target image or drawing. Accurate georegistration facilitates the rapid combination of information from many different sources. CGL has a library of images, supplied as geotiffs, along with the polygons of their extents, supplied in any vector format.



An example image<sup>1</sup>, is shown below. Country polygons, quadrants and UK fields have been overlain:



<sup>1</sup> A regional review by Total E & P on the Dinantian (Lower Carboniferous) carbonate play in the Southern North Sea and Onshore UK. This report is released under the OGA User agreement. [Total Regional Review Dinantian Play, 2007](#)

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