The English Channel and Thames Estuary

Marine Sand and Gravel Resources
Scale 1:500 000

Aims and Limitations

The maps in this series are intended for general consideration of mineral issues and not as a source of detailed information on specific mineral deposits. The maps are intended to provide an overview of areas prospective for aggregate extraction, based on geological and depositional settings. The maps have been produced by the collation and interpretation of mineral resource data principally held by the British Geological Survey and other non-government organisations. The quality is variable. The inferred boundaries shown are, therefore, approximate. Mineral resources defined on the map are not always available in a convenient form.

The purpose of the maps in this series is to show the broad distribution of those mineral resources which may be of aggregate licence areas as of March 2013

The geological and depositional setting indicate that sediment suitable for coarse sand and gravel is widespread in the English Channel and Thames Estuary. These areas represent geological environments that host the largest, highest quality and currently most feasible coarse sand and gravel deposits. The deposits can be at considerable depths in the water column and cover small areas, less than 1 km (the smallest grid spacing used on the maps), but nevertheless can contain several million cubic metres of sand and gravel.

Gravel deposits. These deposits can cover small areas, less than 1 km (the smallest grid spacing used on the maps), but nevertheless can contain several million cubic metres of sand and gravel. This is subject to it being reproduced accurately and not in a misleading context. The material may be reproduced by an organisation for internal use and not for resale unless it is on behalf of the Crown Estate. The Crown Estate must be acknowledged as © The Crown Estate and the title of the publication specified. Based on geological data, British Geological Survey © NERC 2013.

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