**Marine Sand and Gravel Resources**

**East Inshore and East Offshore**

**Scale 1:500 000**

**Aims and Limitations**

The maps have been produced by the collation and interpretation of mineral resource data principally held by the British Geological Survey. As such the mineral resource data presented are based on the best available information, but are not comprehensive and their quality is variable. The inferred boundaries shown reflect very local or specific situations that are not resolved by the resolution of data that is available for compilation of this regional-scale map and require site-specific investigation to identify. This can result in marine mineral licences covering areas where no resource is shown. It is possible that local variations in geology that are too subtle to be resolved by this regional-scale survey can contain substantial volumes of resource and could prove to be significant future resources. For example, areas around the Humber Estuary have been identified by the aggregate industry as localised thin glaciofluvial deposits intercalated with till. These deposits can cover small areas, less than 1km (the smallest grid spacing used on the maps), but nevertheless can contain several million cubic metres of sand and gravel.

Resources defined on the map delineate the areas within which potentially workable minerals may occur. These areas are, therefore, approximate. Mineral resources defined on the map are intended for general consideration of mineral issues and not as a source of detailed information on specific localities. The maps should not be used to determine individual planning applications or to take decisions on the acquisition or use of a particular area, although they may give useful background information which sets a specific proposal within context.

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Marine sand and gravel resources of the East Onshore and East Offshore Marine Plan Areas

BGS map reference: guide 'Marine mineral resources of the East Inshore and East Offshore Marine Plan Areas, Southern This map has been commissioned by The Crown Estate. This map is to be used with the accompanying

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**Aggregate resource categorisation flow sheet**

- **Is sea bed sediment present that could potentially constitute a mineral resource?**
  - Yes
  - No

- **Are sedimentary thick enough for economic extraction?**
  - Yes
  - No

- **Are sedimentary suitable for aggregate applications?**
  - Yes
  - No

- **Is the aggregate resource suitable for construction aggregate?**
  - Yes
  - No

- **What is the quality of the construction-aggregate resource?**
  - Coarse aggregate
  - Construction aggregate (national importance)
  - No

- **Does the geographical/ depositional setting include that coarse-grained sediments intercalated and associated deposits are likely to be present that are potentially coarse sand and coarse gravel and can be validated by available data?**
  - Yes
  - No

- **Areas prospective for coarse sand and gravel**
  - Yes
  - No

- **Are any aggregate suitable for aggregate applications? (100% max content?)**
  - Yes
  - No

- **Are any aggregate suitable for construction aggregate?**
  - Yes
  - No

- **Areas prospective for coarse sand and gravel**
  - Yes
  - No

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**Geographical and depositional settings that may be prospective for coarse sand and gravel**