**Aims and Limitations**

Economic interest and to relate these to selected nationally-recognized planning designations. The maps are intended to assist in the determination of mineral resource potential, but some isolated mineral workings may occur in these areas. The presence of these operations generally should not be used to determine individual planning applications or in taking other decisions on the acquisition or use of a site.

**Source:** Mineral Planning Authorities

**England Region**

This map comprises part of a summary of the 'Mineral Resources of the East of England Region'.

**Crushed Rock**

CR

**White Chalk Subgroup**

Grey Chalk Subgroup

**Regional and Local Planning**

Hydrocarbon well

Mineral Gas Drainage

Coal Mine Methane and Coalbed Methane (CBM) potential

**Planning Permissions represent areas where a commercial decision to work a mineral has been made, a successful application has been issued under the Petroleum (Production) Act 1934.**

**Included mineral resources**

- Glaciofluvial sand and gravel: Concealed (only in area assessed by BGS)
- Glaciofluvial sand and gravel: Concealed (only in area assessed by BGS)
- Glaciofluvial and river terrace deposits
- Approximate southern/western limit of thick glacial deposits on
- Glaciofluvial sand and gravel (including Kesgrave Sand and Gravel)
- Parts of the area assessed for sand and gravel by BGS resource surveys are identified on the map. Resources shown here are taken from these maps where available. In these areas, the possible extent of the deposit is shown.

**Maps**

- Chalk: high purity (85% MgO, CaO)
- Chalk: low purity (65% MgO, CaO)
- Chalk: low purity (65% MgO, CaO)
- Kews Green (Sg)
- Lynsters Lake (Coppermill Lane) (Sg)
- Lynsters Lake (Pynesfield Farm) (Sg)
- Springwell Lock (Sg)
- South of Trout Lane (Sg)
- Black Boy Pit (Sg)
- All Saints Pastoral (Sg)
- Blackbridge (Sg)
- Brimsdown (Sg)
- Bursledon (Sg)
- West Mill Chalk Pit (Northern tributaries of Proto-Thames)
- Cassiobridge (Sg)
- Christmas Crag (Sg)
- Culverwood (Sg)
- Turnford Marsh (Sg)
- Ramney Marsh East (Sg)
- River Lea Wharf (Sg)
- River Lea Wharf (Sg)
- Waterhall (Sg)
- Waterford (Sg)
- Watermill (West Drayton) (CR)
- Water Mill Chalk Pit (West Drayton) (CR)
- Water Mill Chalk Pit (West Drayton) (CR)
- Harefield Lime Quarry (Springwell Lock) (Ch, Fi)
- Harefield Lime quarry (Springwell Lock) (Ch, Fi)
- Harrow London Borough, Environment, Planning and Transportation Division, PO Box 37, Civic Centre, Harrow HA1 2UY, Tel: 020 886 3
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**Note:**

- Source: Mineral Planning Authorities
- England Region