

Blenheim Way, Bradford

Our Services

- Data Review
- Supplementary Site Investigation
- Remediation Design
- Liaison with Regulators
- Site Supervision



Geotechnical and Geoenvironmental Advice and Design

CGL's integrated geotechnical and geoenvironmental advice formed the basis of the transformation by Consort Homes of a major brownfield site in Bradford.

Historically, heavy industry surrounded the site, including a foundry, an asbestos factory, brickworks, oil works, coal pits and ironstone pits. The site itself was most recently used by a transport company for shot blasting and maintenance of its fleet of vehicles, prior to which it was the location of a wool combing mill.

CGL reviewed and assessed data already gathered by intrusive site investigation. Subsequently a further targeted investigation addressed specific issues associated with contamination and for geotechnical design.

Locally elevated concentrations of hydrocarbons and heavy metals were encountered within Made Ground across the. **CGL** undertook quantitative risk assessments and recommended treatment of hotspots which was approved by regulators.

In-situ remediation using E-Clay technology was done. **CGL** supervised this and provided geotechnical advice for foundation design, the retention of a retaining wall together with specifications for the installation of a capping layer.

CGL also undertook the phased validation of the now completed development.

Client: Consort Homes