

Great Western Quarter, Brentford, London

Our Services

- Site Investigation
- Interpretative Report
- Advice on Substructure Design



Combined Geotechnical and Geoenvironmental Investigation

The former headquarters of pharmaceutical company GlaxoSmithKline in Brentford, West London is the site of a new landmark development by Barratt West London. **CGL** undertook a combined geotechnical and geo-environmental site investigation.

This holistic approach to the site investigation, incorporating both geotechnical and geo-environmental considerations, proposed by **CGL**, proved to be the most cost effective and logistically efficient method. It reduced the overall programme of the site works and provided significant cost savings to the client.

The site covers approximately 5.5 hectares and the development will comprise a combination of refurbishment and new-build, with the former Glaxo tower retained and refurbished. The remainder of the site will comprise mixed

commercial, residential and leisure facilities - including a 30-storey tower with hotel and private apartments. This will all be constructed over a one- and two- level basement occupying approximately 3.5 hectares.

The construction of the basement poses challenges as the site is bounded by a mainline railway and has a viaduct carrying the A4 Great West Road crossing it, together with a number of existing buildings that are to be retained (including the Grade II Listed 1940s Wallis House) some with partial basements.

Client: Barratt West London