

Wallsend and Hebburn Docks, Newcastle

Our Services

- Site Investigation
- Interpretative Report



Geotechnical and Geoenvironmental Site Investigations

CGL is supporting consultants Intégral Géotechnique with the investigation of Wallsend and Hebburn docks for Bailey Group, to assess ground contamination potential and to confirm the depth to bedrock for geotechnical design purposes.

The investigations are required following a change in ownership of the docks and the possible extension of berthing areas.

The site investigations are to be done in a number of phases involving window sampler holes, rotary cored holes and trial pits, together with associated ground data and gas monitoring.

Extensive services cross the sites including compressed gases, high pressure oil pipelines, HV cables etc. Close liaison with the client and review of extensive service plans has allowed service locations to be identified and traced.

The docks were built by reclamation and infilling using arisings from surrounding areas, the nature of which is uncertain.

Chemical analyses of samples are being undertaken as part of ground assessment. Groundwater and soil gas monitoring will be undertaken from wells installed within rotary holes.

Client: Intégral Géotechnique for Bailey Group