



## Geotechnical Site Investigations

**"You pay for a site investigation whether you have one or not"** Prof Stuart Littlejohn (1991)

At **Cornwall Consultants Ltd** we understand the need to balance cost efficiency with the need to properly understand and assess ground conditions as part of the ground investigation service we provide. A well designed and executed ground investigation can deliver significant cost saving and efficiencies in the design process, as well as identification and mitigation of ground hazards before they become problematic to the construction phase.

Cornwall Consultants Ltd are able to provide qualified and experienced engineers, and our knowledge of the industry ensure we use appropriately experienced and quality driven investigation contractors and soil and contamination testing laboratories so that our factual information, compliant with BS5930, BS10175 and EC7, supports the interpretative and design reporting that is usually our final product.

We are able to undertake factual and interpretive reporting, and can provide ground characterisation and parametric assessment of the ground conditions to aid the design and construction process, including the assessment of ground bearing capacity and settlement analysis through the application of one dimensional stress theory.

### How we can help...

We specialise in the provision of the following ground investigation services:

- **Trial pits**
- **Window or windowless sampling**
- **Borehole excavation through superficial soils**
- **Rotary coring**
- **In-situ testing**
  - **Standard Penetration Testing (SPTs)**
  - **Dynamic probing**
  - **CBR and Plate Load Testing**
  - **Percolation testing**

Should you require site investigation services, Cornwall Consultants Ltd are able to work with you to tailor a site investigation to your requirements. We can provide factual information, compliant with BS5930, BS10175 and EC7, as well as interpretive reporting and design services.

We also specialise in the assessment of contaminated land and the investigation of brownfield sites, as well as metalliferous mine searches and investigations. We represent a one stop shop for all your ground engineering requirements and we are able to provide cost saving by combining our services in accordance with your requirements.