



GROUND INVESTIGATION & CONSULTANCY SERVICES FOR NATIONAL GRID

Geotechnical Engineering Limited offer a comprehensive range of services for National Grid, with knowledge and experience of working on ground investigations for transmission lines, mast sites and substations. Following guidance defined in BS5930:1999-Amendment 1 (2007): Code of Practice for Site Investigations, and BS10175:2001: Investigation of Potentially Contaminated Sites - Code of Practice, our team undertake and supervise the fieldwork, with soil sampling and monitoring utilising the most up to date equipment and techniques. We assess the ground conditions for foundation design and the potential risk to human health and the environment, with classification of any waste material from the development works.



Our team of professional drillers and Engineers (both Geotechnical and Geoenvironmental) are competent to undertake works under the supervision of a National Grid Senior Authorised

Person (SAP), holding qualifications as "Persons" and "Competent Persons", with Basic Electrical Safety Competence (BESC) and HSG (47).

We run a fleet of Pioneer drilling rigs, which offer heavy duty dynamic sampling to 20m depth, rotary core drilling to 80m depth, hollow stem auger boring to 30m depth, rotary percussive and open hole boring to in excess of 100m depth. We also offer shallow dynamic sampling using Terrier rigs. With our unique award winning P45 and P60 climbing rigs, we can offer cost effective and innovative investigations on slopes. We can also carry out all of the standard investigative techniques, including hand-pitting, in-situ sampling and testing (including SPTs), undisturbed sampling, packer and permeability testing.

All of our site engineers are in possession of CSCS cards for Managers or Construction Related Occupations and hold a current first aid qualification. All our drilling crews are registered with the CITB and the majority have obtained or are working towards the NVQ Level 2 in Land Drilling. Each crew member holds a current and valid CSCS card, a current first aid training qualification, a fire and manual handling training qualification and have received relevant additional driver training (C1, B+E).

We are currently working towards ISO14001, providing a framework for the development of an environmental management system and the supporting audit programme.



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Or visit our website www.geoeng.co.uk