ROCK DESCRIPTION WORKSHOP

Course Outline

This one day course will bring delegates up to speed on the changes within the Standards and provide a detailed approach to rock description practices and techniques.

The British Standards (Codes) under which investigations in the UK have been carried out continue to incorporate and mirror the European Standards. UK practice has changed to meet these new requirements and practitioners will learn about them and how to follow compliant rock logging techniques within this course.

The workshop will comprise a series of lectures on the current Standards, logging and descriptive processes followed by practical sessions describing rock samples, cores and compiling mechanical logs of rock core.

Course Contents

- Introduction to current British Standards
- Impact on Existing Codes and Changes to Practice
- Origin of rock types and their identification
- Description of Rock - word order
- Practical – Description of rock from hand specimens
- Mechanical logging of rock core
- Practical – Logging of rock core
- Rock testing to aid logging

Summary

At the end of the course the delegates should be able to:

- Understand the requirements of the British Standards
- Distinguish between fine, coarse, man-made and organic soils
- Carry out a compliant and consistent description of rocks
- Understand the effect of the drilling process on rock core quality
- Produce a mechanical log of rock core
- Appreciate the use of in situ tests as an aid to rock description

Who should attend?

The course is aimed at graduates, new entrants to the industry and practitioners seeking a refresher to enable comprehensive engineering logging of rocks. The course is equally relevant to those logging trial pits, boreholes, exposures or samples in the laboratory.