M. Groundwater Analysis: total sulphate expressed in SO3, chlorides, pH and organic matter.

N. Soil Chemical Analysis: sulphate expressed in SO3, dissolved SO3, chlorides, gypsum and total carbonate contents.

O. Suitably qualified person to prepare final logs after completion of all soil tests and visual examination of all samples in the laboratory, showing the depths at which changes of strata occur and the nature of the strata encountered together with a detailed fabric description.

P. Field Permeability test: in accordance with BS 5930. Report permeability (k) and flow rate (Q) values of the tested soils.

3.3.12 Logging

A. Log sheets shall be used as site logs.

B. Soil and rock classification system & symbols shall be as per ASTM D 2488.

C. Note any remarks observed during coring, such as loss of water or a drop of the drilling rods. Record depth(s) where such condition occurred and whether the fluid loss complete or partial.

D. Describe percentage of secondary constituents of soils below 25% as follows:

- Trace - Particles as present but estimated to be less than 5%.
- Few - Particles are estimated to be between 5 to 10%.
- Little - Particles estimated to be between 10 and 15%.
- Some - Particles estimated to be between 15 and 25%.

E. Classification of carbonate sediment to Clark & Walker.

END OF SECTION

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