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## **SOIL LOGGING PRACTICE – WHAT IS THE STANDARD?**

**YUNUS ABDUL RAZAK**

Geological Survey of Malaysia, Kuala Lumpur.

Accurate and complete description of soil profiles always play an important role in any soil investigation. The description forms the basis for preliminary screening of soil samples for testing, and provides important information to the design engineers. The proposed MCCSSOW description system represents a compact and easily memorized approach where description of each soil profile is based on seven descriptors as follows:– 1) Moisture conditions; 2) Soil colour; 3) Soil consistency; 4) Soil structure; 5) Soil type; 6) Origin; and 7) Ground water condition.

Each descriptor has its own engineering significance. The system is equally applicable for use in trial pits, cuts, shafts, adits, as well as for exploration boreholes and laboratory description. The system if practiced by the Geological Survey will result in a systematic and standardized geotechnical data bank.