

## **Geotechnical Analysis**

*Brief description of services:*

### **LABORATORY TESTING**

Testing of fresh and hardened concrete, rock, soils, infill, bituminous materials; Core cuts and testing in all type of material; Construction Quality Control. In situ testing, etc.

### **GROUND INVESTIGATION**

Geological and Geotechnical Investigation; In situ testing on rock, fill and soil; Anticipating possible foundation problems; Providing the allowable bearing capacity.

### **ENVIRONMENTAL**

Geo Environmental Impact Assessments including Geology, Paleontology, Geomorphology, Hydrology, Hydrogeology and Mineral Resources Assessments.

Vibration, noise, and dust level monitoring, including underwater Sound Level Monitoring by using specially designed hydrophones. Installations for ground water and Gas monitoring.

### **OTHERS**

Structural Monitoring and reporting including any work that is required.

Rock Bolting, Probing, Micro piling and Earth-electrode bores to any depth. Multi angle drilling with continuous Core recovery Borehole drilling and any other drilling from the smallest up to 300mm in diameter X 300m deep (even in confined spaces).