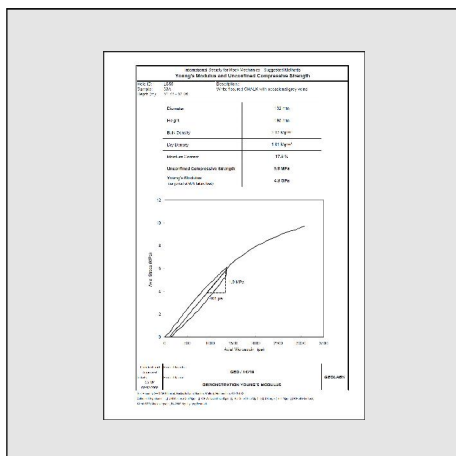
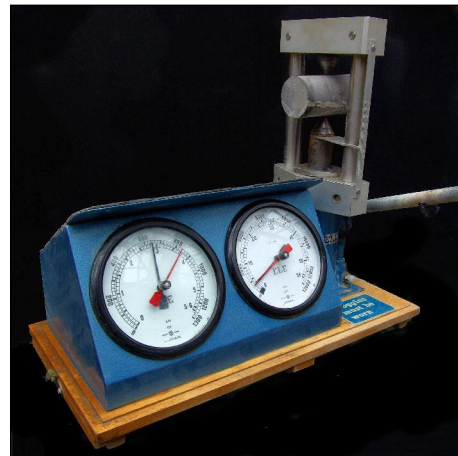


The Facility

- A laboratory offering a wide range of rock and aggregate testing to National, International and ISRM Suggested Methods and Standards, providing a comprehensive, independent testing and consulting service.
- Multidisciplinary staff experienced in all aspects of soil and rock testing.
- Capability to re-core lump or core samples to give 38 to 100mm diameter specimens.
- Maximum compressive load capacity of 2000 kN (equivalent to 254 MPa UCS at 100mm diameter; 1763 MPa UCS at 38mm diameter)

The Analysis

- Uniaxial (Unconfined) Compressive Strength (UCS).
- Young's Modulus and Poisson's Ratio by bonded strain gauges, linear displacement transducers or Hall-Effect transducers.
- Direct Shear Strength using strain controlled shearbox with custom inserts and also by Hoek direct shear apparatus.
- Index (Classification) tests (density, porosities, moisture content, water absorption, particle density etc)
- Durability, Hardness, Tensile, Deformability, Swelling Strain, Abrasiveness, Ultrasonic P and S waves, Abrasiveness tests performed.
- Point Load Test (PLT) on rock cores and lumps.
- 10% Fines and Aggregate Crushing Value (ACV)



The Benefits

- Independent testing facility exclusively devoted to commercial and research geotechnical laboratory testing.
- An all-round service of the highest standard backed by a fully documented quality management system.
- High quality testing and results presentation, both of which can be tailored to your requirements.
- A fully integrated, independent, soils testing facility capable of performing a wide range of testing from routine, effective stress, earthworks, consolidations, shearboxes, advanced, stabilized, remediation testing etc.