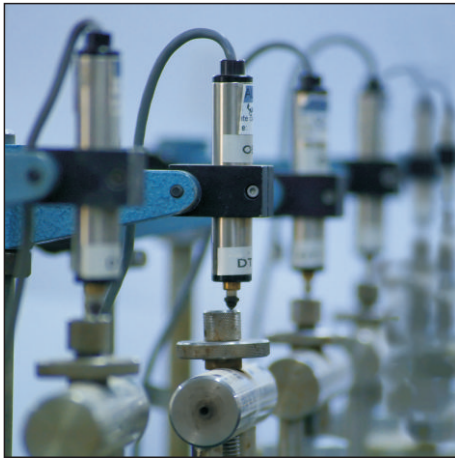




The cornerstone of independent excellence

## Soils Testing for the Geotechnical Community *Consolidation Testing*

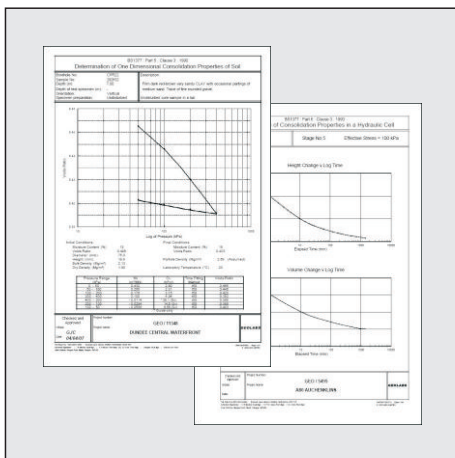


### The Facility

- A temperature controlled laboratory (maintained to better than  $\pm 1^\circ\text{C}$ ) using the latest electronic data acquisition for 24 hours-a-day, 365 days-a-year testing.
- Multidisciplinary staff experienced in all aspects of soil and rock testing.
- Rapid processing of raw test data using our own in-house developed software to generate reports in printed, PDF and AGS formats.

### The Analysis

- Oedometer Consolidation and swelling tests on samples from 50 mm to 100 mm diameter.
- Isotropic Consolidation in a triaxial cell on samples from 38 mm to 150 mm diameter as well as the conventional 100 mm diameter. This can be augmented with direct measurement of permeability at each effective pressure.
- Hydraulic (Rowe Cell) Consolidation on samples from 76 mm to 250 mm to allow either vertical drainage or horizontal drainage (either radially inwards or outwards), and also free or fixed vertical strain. As with the Isotropic Consolidation, this test can have permeability stages added to it.



### 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.
- We are UKAS Accredited for the Oedometer Consolidation and follow fully documented procedures for the other test methods.

