

Independent Soil and Rock Geotechnical Laboratory Testing

The Facility

- Independent testing company exclusively devoted to commercial, research and client-specific geotechnical laboratory testing, whose multidisciplinary staff are 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.



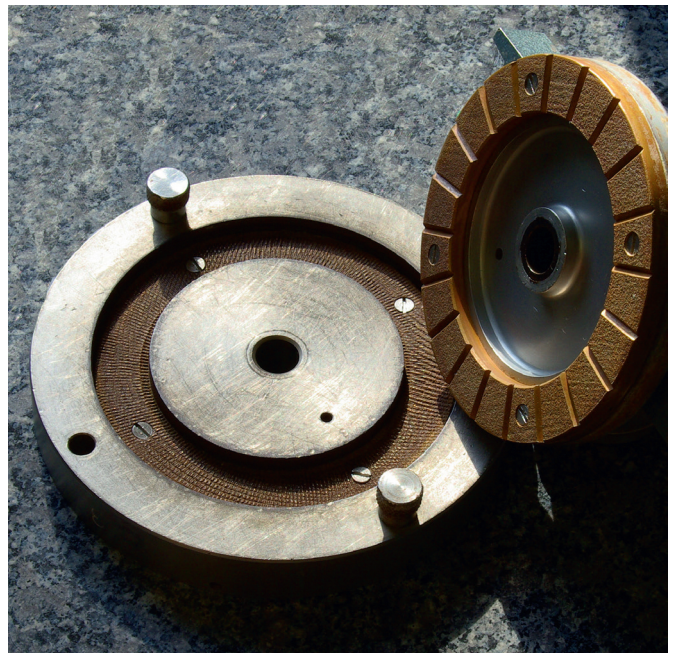
The Benefits

- 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 meet clients requirements.
- Geolabs are **UKAS Accredited** for testing to BS EN ISO 17892 for the small and large Shearboxes and the Ringshear apparatus, as well as a wide range of other specialist and routine tests.



The Analysis

- **Direct Shear** strength determination (peak and residual) using 60mm, 100mm and 300mm square shearboxes for specimens with up to 20mm largest particle size.
- Samples can be prepared from many sources (including remoulded bulk samples, U100's, core cutters, piston tubes and intact block samples).
- **Ringshear** apparatus for residual shear strength determination of fine-grained material, both to BS CEN ISO 17892-10: 2018 and the ICP Design Methods (particularly suitable for pile design) with **interface roughness measurement** if required.
- **Geotextile / Geomembrane / Other soil interface testing** to ASTM, BS, SHW and other client specified test procedures.



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