



New Cutting Edge Geotechnical Laboratory





Geoquip Marine can now offer both standard and advanced geotechnical laboratory testing services in addition to its offshore surveys. Utilising cutting edge technology in conjunction with decades of geotechnical experience, this new facility can meet today's testing requirements with multiple standards including ISO, ASTM and BS.



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With the new laboratory Geoquip Marine is now able to deliver high efficiency geotechnical surveys from offshore campaign to onshore lab testing. Using 6 dedicated offshore survey vessels to collect high quality samples, these can then be safely delivered to the laboratory for detailed and time efficient analysis. This puts Geoquip in an industry leading position to deliver timely and accurate geotechnical surveys for large scale offshore projects.

Test Types Available

A wide range of geotechnical tests are available for any project. These are carried out by highly experienced technicians with a broad range of geotechnical experience.

Classification Testing

The following tests are able to be conducted at present;

- Water Content
- Atterberg Limits
- PSD (Including Hydrometer)
- Particle Density
- Min-Max Density

Permeability and Consolidation Testing

The following tests are available at present;

- Constant Rate of Strain
- Incrementation Loading
- Constant Head Permeability

Index Strength Testing

The following tests are available at present;

- Torvane and Pocket Penetrometer
- Fall Cone
- Miniature vane

Shear Testing

The following tests are able to be conducted at present;

- Direct Shear (Shearbox)
- Ring Shear

Triaxial Testing

The following tests are able to be conducted at present;

- UU Triaxial
- CIU Triaxial (with or without bender elements)
- CID Triaxial
- Thermal and Electrical Properties
- Thermal Conductivity
- Electrical Resistivity