

Nearshore Geotechnical Investigations

Nearshore geotechnical soil boring is conducted from drilling rigs mounted on our Self Elevating Platforms (SEPs). The wire line drilling systems (PQ3 & Geobor S) can be supplemented with a variety of Horizons in-situ sampling and testing equipment such as SPT, CPT, vane and pressure meter testing. The SEPs and drilling units are easily transported by road or sea for rapid mobilisations.



The following are available from Horizons nearshore drilling spreads:

Undisturbed and disturbed soil sampling

- Rock coring
- SPT testing
- PCPT testing
- In-situ vane testing
- Pressure meter testing
- Field soil laboratory testing
- On-shore soil laboratory testing



The following range of activities are supported with Horizons nearshore geotechnical capabilities:

- Soil investigations for jack-up rig stability assessments
- Soil investigations for jacket / platform design engineering
- Soil investigations for PLEM and SPM design engineering
- Soil investigations for pipeline and cable route design engineering
- Soil investigations for trenching and dredging activities
- Soil investigations for port developments
- Soil investigations for over water bridges and causeways
- Soil investigations for LNG terminals

