

Offshore Geotechnical Investigations



The following range of activities are supported with Horizons 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

The following are available from Horizons offshore drilling spread:

- Undisturbed and disturbed soil sampling
- Rock coring
- Downhole PCPT testing
- Downhole vane testing
- Seabed PCPT
- Onboard soil laboratory testing

Offshore geotechnical soil boring is conducted from Horizon's heavy compensated drilling rigs which come complete with wire line systems, including Wilson APB PCTP and in-situ vane testing equipment, Containerised mud mix and transfer systems control bore hole stability while fully equipped offshore soil testing laboratories provide infield analysis.

The offshore drilling rigs can be operated from Horizons own vessel MV Gulf Horizon, however can also be easily mobilised onto vessels of opportunity such as DP2 class vessels as required as the drilling rigs are designed and built into containerised units giving the flexibility to be shipped worldwide.

