



THE GEOTECHNICAL "P60" ROTARY SLOPE-CLIMBING RIG

Winner of the Ground Engineering Award for Innovation, the geotechnical 'P60' Rotary rig is a unique track mounted drilling rig capable of undertaking dynamic sampling and rotary drilling on slopes of up to 45 degrees.



The 'P60' has been developed from our famous 'P45' rig to give the option of deeper holes and the ability to core to great depths. The rig is usually operated by a crew of three, and is commissioned on a daily basis.

Applications:

- Safely undertake deep boreholes on previously inaccessible slopes.
- Borehole formation up to 50m.
- Casing facility of up to 20m.
- PTS trained crews for work on Network Rail Infrastructure.

Sampling:

- Continuous dynamic sampling up to 128mm diameter, retained and sealed in a semi-rigid plastic liner
- Traditional 70mm samples can be taken

In-situ testing:

- SPT's to BS EN ISO 22476-3



Instrumentation:

- Installation of 19mm and 50mm diameter standpipes, for groundwater or gas monitoring
- Installation of 70mm OD biaxial inclinometer tubing

Dimensions/Equipment:

- Tracking Width: 2.40m
- Operational length: 2.60m
- Operational height: 4.30m
- Weight: 3600Kg
- Remote Multi-Channel Radio Control for safe operation
- 7.5-tonne winch with 30m cable

For further details please contact: Chris Morgan chris.morgan@geoeng.co.uk

Or visit our website www.geoeng.co.uk