

THE GEOTECHNICAL P45 SLOPE-CLIMBING RIG

The Geotechnical 'P45' soil-sampling rig is a custom built, track mounted, windowless sampling unit, utilizing the Terrier soil sampling mast on slopes of up to 45 degrees.



The 'P45' is ideal for works on both Railway and Highway cuttings, embankments and for earth-filled dams. The rig is usually operated by a crew of two, and is commissioned on a daily basis.

Applications:

Safely undertake boreholes on previously inaccessible slopes.

Borehole formation of up to 15.00m.

Casing facility of up to 8.00m.

PTS trained crews for work on Network Rail Infrastructure.

Sampling: Continuous dynamic sampling up to 113mm diameter, retained and sealed in a semi-rigid plastic liner

Traditional 70mm samples can be taken.

In-situ testing:

SPT's in general accordance to BS EN ISO 22476-3

Dynamic probing



Instrumentation:

Installation of 19mm and 50mm diameter standpipes, for groundwater or gas monitoring

Installation of 70mm OD biaxial inclinometer tubing

Dimensions/Equipment:

Tracking Width: 1.50m

Operational length: 2.60m

Operational height: 2.90m

Weight: 2600Kg

Remote Multi-Channel Radio Control for safe operation

4-tonne hydraulic winch with 30m cable

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

Or visit our website www.geoeng.co.uk