



Drilling Services

Core Consultants' drill rig is custom-built for geotechnical and environmental investigations

Geotechnical & Environmental

Capable of auger drilling and continuous push-probe sampling, as well as standard penetration testing (SPT) and undisturbed tube (U50/U75) sampling.

Custom-built for geotechnical and environmental (including contamination) investigations. Core Consultants' drill rig also complements our in-house geophysics (seismic) testing services.

Features

- Versatile, efficient and reliable
- In-built safety features, with safety documentation as part of our ISO-certified management system
- 4WD off-road capability



Key Specifications

- Eziprobe Trojan with 25 HP Perkins diesel engine
- Toyota Landcruiser 4.5L V8 turbo-diesel
- Hammer 2,100 blows/minute (variable)
- Pull back 4,500 kg
- Rotation speed 90 RPM
- Rotation torque 1,100 Nm
- Sliding head for easy drill method change



Dimensions

Length	5.5 m	Width	2.3 m
H (mast down)	2.7 m	H (mast up)	4.6 m
GVM	4.2 t	Clearance	0.23 m

Capabilities

- Auger drilling to 10 m depth (100 mm diameter)
- Push-probe sampling to 6 m depth (continuous undisturbed)
- Standard penetration testing (SPT)
- Undisturbed tube (U50/U75) sampling
- Large auger drilling (250 mm diameter)
- Groundwater monitoring well installation