

Window Sampling / Dynamic Probing

At NCES Ltd we endeavour to provide the most suitable and cost-effective drilling techniques to suit client specification objectives and most importantly, varying ground conditions.

Suitable for most geoenvironmental or small scale new build projects, window sampling and dynamic probing if required is a cost effective and versatile method for geotechnical and geoenvironmental applications especially where access or working area restrictions are an issue. With production rates of between 20m and 30m per day this method is ideal for quickly assessing ground conditions efficiently and with minimal impact or disruption to the clients property. The Terrier rig is capable of undertaking the following In-stu testing, sampling and services:

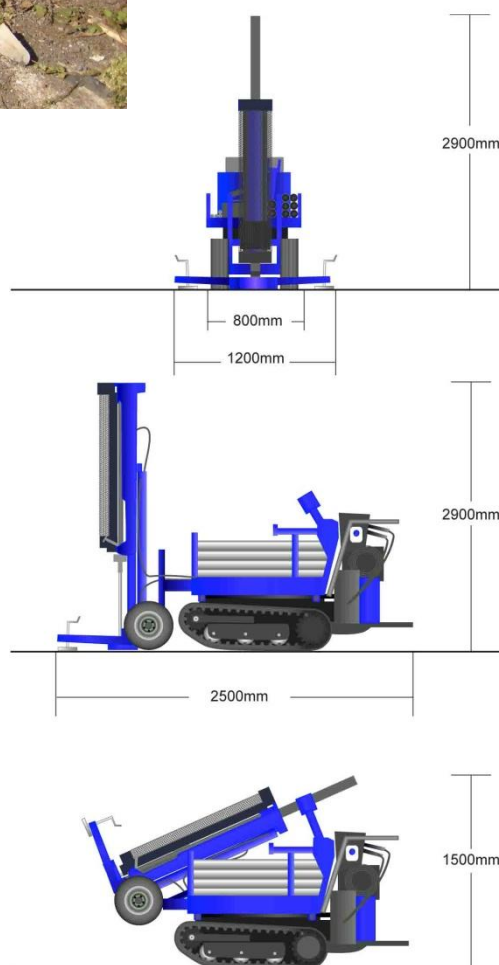


- Cased drilling (duplex casing)
- Standard Penetration Tests (SPT's).
- Dynamic Probing (DP & DPSH)
- High quality soil sampling using percussive core barrels.
- Installation of gas/groundwater monitoring wells up to 3" (75mm) diameter.
- Typical drilling depths 8 to 10m depending on ground conditions
- Access through standard doorways.
- Remote operation of rig if required.
- Operation on slopes up to 30°.

DATA SHEET

General Specifications:

	Terrier
Length	2500mm
Width	800mm
Height with mast horizontal	1500mm
Height with mast vertical	2900mm (max)
Loading (pull down)	1000kg
Loading (pull back)	7000kg
Trip hammer speed	0-50 blows/min
Trip hammer drop height	500mm (dynamic probing) 700mm (SPT)
Trip hammer weight	50kg (dynamic probing) 63.5kg (SPT)



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