

Geotron News

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Geotron UK is an independent, specialist drilling contractor, providing a complete package of drilling and ancillary services for Environmental Site Investigation and Contaminated Land Remediation programmes.

For shallow drilling we can offer the Geotool GTR 790 RHB heavy-duty window sampling/rotary rig. This rig can perform window sampling, dual tube sampling (windowless sampling with liners) and continuous flight solid stem augering techniques, achieving drilling depths of up to 10m.

For window and dual tube sampling a 128kg drop weight system is employed - two times heavier than used on standard window sampling rigs. This technique achieves high success rates when drilling through difficult Made Ground material and proceeds effectively through natural soils. The option for simultaneous installation of a casing (113mm) minimises the potential for cross contamination between different strata during drilling and allows high quality well installations (up to 63mm OD) within both cohesive and non-cohesive soils.

The additional benefit of this machine is the option to use solid stem augers. In harder geological conditions this machine provides the opportunity to rapidly penetrate stiff soils and weathered bedrock strata allowing collection of geological information and samples from greater depths than would be possible by window sampling alone.

This machine is particularly suitable for sites with variable or complex geological conditions and when scopes of work alter during a programme. It allows us to provide a flexible, value for money service whilst ensuring successful job completion.



With this rig we mobilise a two-man drilling crew, providing safer and more efficient working conditions than possible with one-man operations. We use separate concrete coring and breaking units, allowing borehole preparation activities to be carried out simultaneously to drilling, minimising rig downtime.

Our team operates from a fully equipped van-trailer combination, which carries a wide range of hand digging tools, sampling liners and well materials, borehole protection covers and borehole levelling equipment. This allows successful completion a programme of works even when geological conditions are not as anticipated or the scope of work changes as a result of findings on site.

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