Bulroc's CDS R drilling system proves a winner

BULROC has successfully tested its concentric overburden-drilling system, known as the CDS R type, in the tough and demanding drilling conditions of Hong Kong Island.

Tests were conducted through Bulroc Asia Direct, the southeast Asian branch of Bulroc UK Ltd and the drilling contractor, Shun Luen Construction. Due to the loose, sandy drilling conditions and large, inclined boulders this 40-storey residential project required a foundation plan for 80 holes, each 30m deep, using 610mm OD x 590mm ID diameter casing. The H beam piles were then socketed by the CDS 560R system into the rock at depths of 6-12m.

Site manager Mr Lee reported that the system was drilling extremely well and air-flushing was excellent. He commented on the minimal amount of wear visible on the replaceable cutting ring after over 1,000m of drilling and was impressed by the ease of maintenance required by this new design.

The fact that it is only necessary to remove a single pin to replace or refurbish the cutting ring and segments was a definite advantage, and this could be done while the system was still inside the casing, resulting in time savings.

Bulroc is going into full production of the system and will soon offer the CDS R design in sizes from 190, suitable for the 6in Hyper 63 hammer, to 1120 for the 30in Hyper 301S.

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