

ABI Equipment Limited

Piling Equipment Specialists

Sales - Hire - Parts and Service - Project Support



ABI Equipment Limited was asked to supply specialist equipment consisting of an ABI Mobilram TM 13/16SL complete with the MRZV17VV variable moment vibrator to specialist piling contractor J N Piling Ltd for their M6 Junction 35 Highway Agency contract.

The piling works were carried out over a number of weeks in January 2015.

The work consisted of driving 12 metre long 600mm wide Arcelor PU 22-1 and PU 18-1 steel sheet piles alongside the busy M6 motorway, forming a series of retaining walls. The ground conditions were granular overlying cobbles and stiff clay.

The ABI TM 13/16SL Mobilram c/w MRZV17VV variable moment vibrator was particularly effective at driving the 12 metre long piles with minimum vibration. On occasions it was necessary to use the ABI MDBA auger drive and open flighted CFA augers to "stress relieve" the ground ahead of pile installation.

Where oversized boulders were uncouncted, they were dug out in advance of the piling.

The compact nature of the rig was ideally suited to working alongside the motorway where space was limited between the work area and the site access lane.

M6 Junction 35

Main Contractor: J N Piling Limited

Client: Highways Agency

Piling Equipment supplier: ABI Equipment Limited



ABI Equipment Limited

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