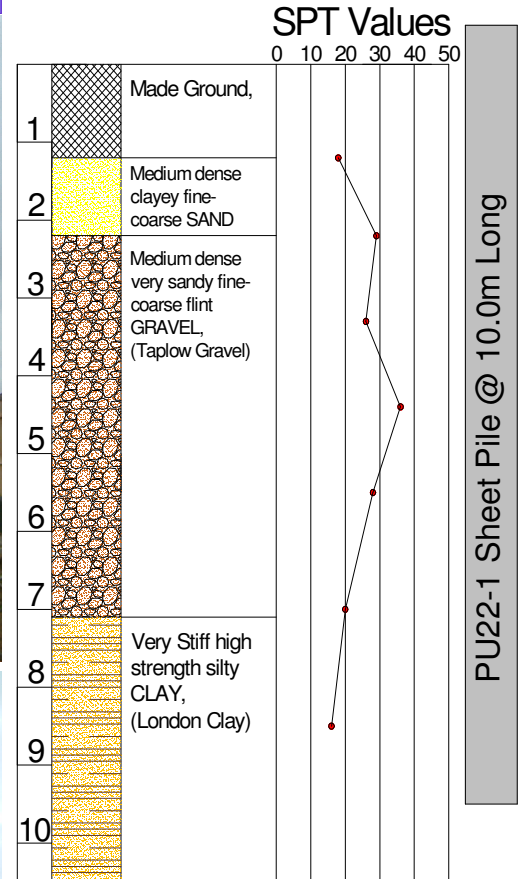


Berryrange Leader Rig Pre-Auger & Pile Installation Vibration Monitoring



Borehole Information



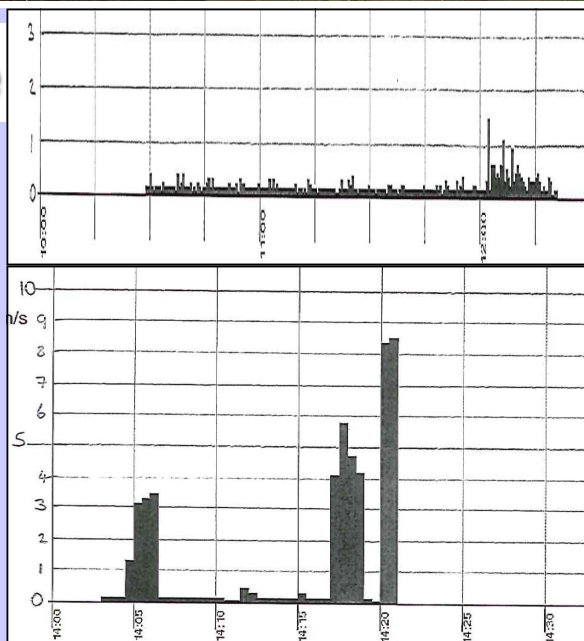
Project Location	London Road, Barking
Type of Project	Vibration Monitoring Trial
Date	Nov '12
Type of Pile	PU22-1 Steel Sheet Pile, L= 9.0m
Piling System	Leader Rig - Pre-Auger, Vibro-Installation & Extraction
Piling Machine	ABI 13/16 Leader Rig



Sheet Piling, Construction
& Professional Design
Services

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PRE-AUGERING

The monitoring of the pre-augering, 3.5m away varied between 0.475 - 1.58mm/sec

VIBRO-INSTALLATION

During the installation of 2 piles, the readings ranged between 3.5 - 6mm/sec

VIBRO-EXTRACTION

The extraction vibration was recorded shortly after with a peak reading of 8.65mm/sec