Berryrange Leader Rig Installation & Pre-Augering with Silent Piler



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Project Location	Upminster Cemetery Extension - Phase 1
Type of Project	Cemetery Extension - water cut off cofferdam
Client	Birse Civils on behalf of Havering Borough Council
Duration of Work	July '13 — Aug '13
Purpose of Piling	Permanent cofferdam for water cut off
Type of Pile	AZ18-700 Steel Sheet Pile, in Jagged Wall profile & PU18, (Silent Piler); L= 8.0 — 8.5m
Piling System, (Inst)	ABI 13/16 Leader - Rig Pre-Augering & Vibro-installation. Silent Piler used near to existing Cemetery
Particulars	Pre-Augering works carried out for the Silent Piling works. Vibro Installation & Drop Hammer Back driving on remainder. Special sealant, (Roxan) used in clutches to ensure water tightness.

Borehole Information SPT Values

0 10 20 30 40 50		
TOPSOIL Stiff Brown Ver	y	
1 Sandy CLAY	_	
Loose Brown SAND		
2	- Ouo	
Loose Brown	_	
Sandy Clayey	3.51	
SLT	AZ18-700 Sheet Pile @ 8.5m Long	
Dense Brown		
5 SAND& CRAVEL		
G-AVIL		
6 8 2		
FirmBrown Sightly Sity (LA)	4 √ 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 	
FirmBecoming Very Stiff Grey		
8 Sightly Sity		
QAY		
9		
10		

Berryrange

Sheet Piling, Construction & Professional Design Services

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