

NORWEST MOIST Soil Engineering Ltd.

Borehole No.

11

Contract No. F7490
 Location Melbury Abbas
 Client Dorset C.C.
 Method of Boring Cable Percussion
 Diameter of Borehole 150mm

BOREHOLE LOG

Sheet 1 of 2 (ST 8256/12 ST 8832 2059)
 Chainage.....
 Ground Level 145.00 m.A.O.D.
 Date 27/7/87 - 28/7/87

Description of Strata	Legend	Depth Below G.L. (m)	O.D. Level (m)	Casing Depth at Sampling	Sampling and Coring	"N"/R.Q.D.%	Daily Progress
TOPSOIL.		0.30	144.70				
Medium dense, brown, clayey, very silty fine SAND with some gravel size fragments					0.50 C	"14"	
Dark brown, slightly clayey, fine SAND with some coarse gravel size fragments of cemented highly weathered Sandstone. Cement-ferruginous.		1.30	143.70		1.00		
		1.80	143.20		GL - 1.30 1.50 (65) 2.00		
Fragments of light green grey mottled light brown, medium to coarse, glauconitic SANDSTONE fragments in a matrix of medium to coarse SILT/SAND (completely weathered SANDSTONE)		2.70	142.30		1.80-2.70		
		3.80	141.20		3.30 3.50 (75) 4.00		
Fragments of light green grey mottled light brown, medium to coarse strong glauconitic SANDSTONE in a matrix of fine clayey SAND (completely weathered SANDSTONE).					4.50 C	"34"	
		5.50	139.50		5.00		
Medium dense, dark green locally orange brown, fine glauconitic SAND with fragments of highly weathered dark green mottled light brown, fine to medium, weak, glauconitic Sandstone (completely weathered SANDSTONE).					3.80-5.50	"19"	
					6.00 C 6.50		
Medium dense becoming dense, light brown green speckled black, fine to medium, glauconitic, SAND. (completely weathered SANDSTONE).					7.50 C	"27"	
					8.00		
		10.00	135.00		9.00 C 9.50	"36"	

UGS

Shaftesbury Sandstone

<p>Type of Sample</p> <p><input checked="" type="checkbox"/> S.P.T. <input type="checkbox"/> Undisturbed</p> <p><input checked="" type="checkbox"/> C.P.T. <input checked="" type="checkbox"/> Vane</p> <p><input type="checkbox"/> Jar <input type="checkbox"/> Water</p> <p><input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Piezometer</p>	<p>Remarks (Observations of Ground Water etc.) () U100 blows</p> <p>No groundwater encountered whilst drilling. Chiselling: Boulder 13.10m to 13.40m - 1 hours.</p> <p style="font-size: 0.8em;">Water levels are subject to seasonal or tidal variations and should not be taken as constant</p>
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North West Trust Soil Engineering Ltd.

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Contract No. F7490
 Location: Melbury Abbas
 Client: Dorset C.C.
 Method of Boring: Cable Percussion
 Diameter of Borehole: 150mm

BOREHOLE LOG

Sheet 2 of 2
 Chainage: 87828E12
 Ground Level: 145.00 m.A.O.D.
 Date: 27/7/87 - 28/7/87

Description of Strata	Legend	Depth Below G.L. (m)	O.D. Level (m)	Casing Depth at Sampling	Sampling and Coring	"N"/R.Q.D.%	Daily Progress
Dense, locally very dense, light brown green speckled black, slightly clayey, silty glauconitic SAND. Occasional gravel size fragments (Completely weathered SANDSTONE)					10.50 C	"29"	
					11.00		
					12.00 C	"40"	
					12.50		
					13.50 C	"56"	
					14.00		
				15.00m	15.00 C	"33"	27/7
					15.50		
					16.50 C	"47"	
					17.00		
					18.00 C	"30"	
					18.50		
END OF BOREHOLE.		20.00	125.00	19.00m / 150mm	19.50 C	"56"	28/7

<p>Type of Sample</p> <p>S.P.T. <input type="checkbox"/> Undisturbed</p> <p>C.P.T. <input type="checkbox"/> Vane</p> <p>Jar <input type="checkbox"/> Water</p> <p>Bulk <input type="checkbox"/> Piezometer</p>	<p>Remarks (Observations of Ground Water etc.)</p> <p>Water levels are subject to seasonal or tidal variations and should not be taken as constant</p>
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