

Contract : Land Off Victoria Road, Port Talbot

Point Plotted
Pit 2,1

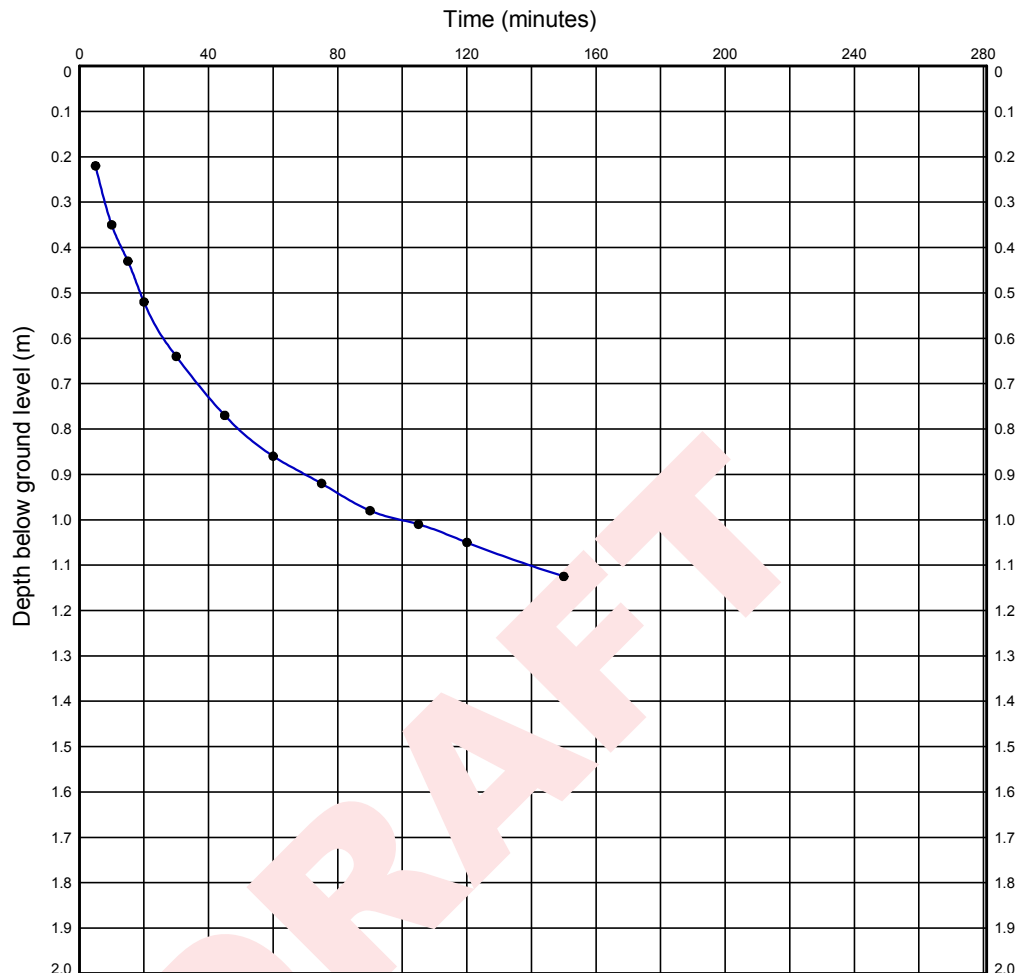
Client :

Job Number : Q0000

Engineer :

SOAKAWAY TEST CALCULATION SHEET**Field Observations from soakaway trial pit**

Time (Minutes)	Depth of water from ground level (m)
5.0	0.22
10.0	0.35
15.0	0.43
20.0	0.52
30.0	0.64
45.0	0.77
60.0	0.86
75.0	0.92
90.0	0.98
105.0	1.01
120.0	1.05
150.0	1.125



Remarks:

Soakaway test for soil infiltration rate
design method based on BRE Digest 365

Permeability Test on Strata

Trial Pit Depth	1.500 m	$V_{p75-25} =$	0.375 m ³
Trial Pit Length	1.000 m	$a_{p50} =$	2.500 m ²
Trial Pit Width	1.000 m	$t_{p75-25} =$	140.000 minutes
Effective Depth	0.750 m		
Outflow Time	140 mins from 75% to 25% full		

f = 1.7857E-5 m/sec

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Date of Test:

All measurements in
metres unless
otherwise stated

Figure No.

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Project File: VICTORIA ROAD SOAKAWAY.GPJ