

Tel / Fax: 0161 975 6088
Web: www.earthenvironmental.co.uk
Email: adam@earthenvironmental.co.uk

SOAKAWAY TEST

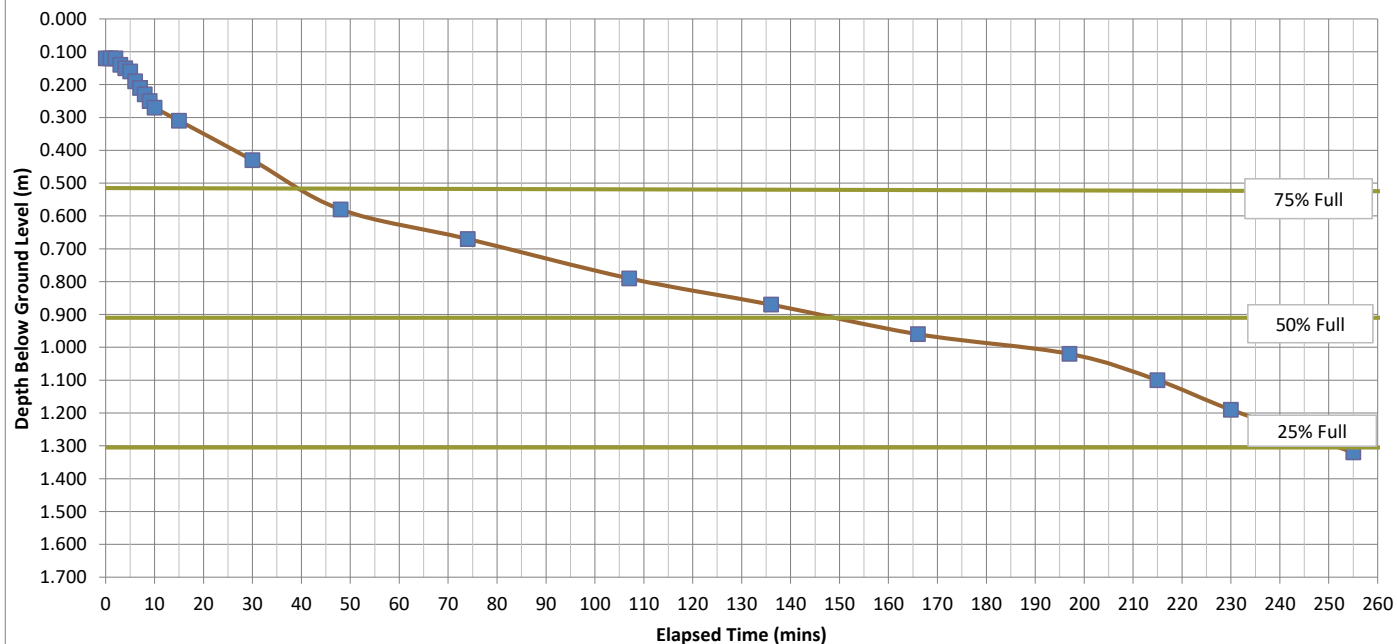
(To: BRE 365 1991)

Job No:	A3274
Site:	Old Market Street, Blackley
Client:	Mr. Zahid Khalid

Location Reference:
Date
Geology in test section
Depth to Base of Hole
Effective Depth
Hole width
Hole length
Depth to water at start of test below ground level
Depth to water at end of test below ground level
Effective storage depth to 75% full
(Depth below GL)
Effective storage depth to 50% full
(Depth below GL)
Effective storage depth to 25% full
(Depth below GL)
Height to 50% depth
Effective Storage Volume V_{p75-25}
Time tp_{25} at which water is 75% of effective depth (minutes)
Time tp_{25} at which water is 25% of effective depth (minutes)
Time for water level to fall between V_{p75-25}
Time for water level to fall between V_{p75-25}
Internal surface area of hole up to 50% depth including base
Soil Infiltration Rate, f

SA1 Test 1	
17/06/2022	
SAND	
1.70	m
1.58	m
0.50	m
1.40	m
0.12	m
1.32	m
1.19	m
0.52	m
0.79	m
0.91	m
0.40	m
1.31	m
0.79	m3
0.55	m3
38.00	mins
252.00	mins
214	mins
12840	secs
3.70	m2
1.16E-05	m/s

Assumes pit is not filled

[illegible]



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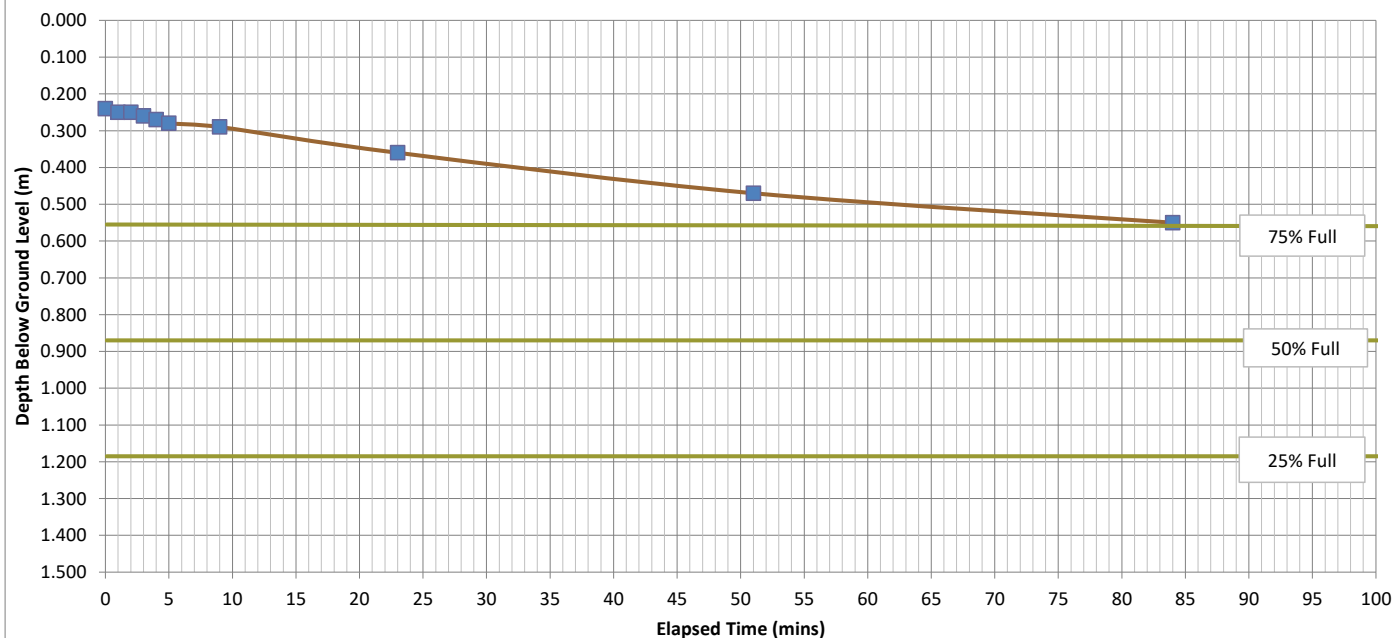
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Time tp25 at which water is 75% of effective depth (minutes)
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Time for water level to fall between Vp75-25
Time for water level to fall between Vp75-25
Internal surface area of hole up to 50% depth including base
Soil Infiltration Rate, f

SA1 Test 2		
17/06/2022		
SAND		
1.50	m	0.20m of material collapsed in
1.26	m	
0.50	m	
1.40	m	
0.24	m	
0.55	m	
0.95	m	
0.56	m	
0.63	m	
0.87	m	
0.32	m	
1.19	m	
0.63	m3	
0.44	m3	Assumes pit is not filled
84.00	mins	
Test could not be completed due to time constraint	mins	
Test could not be completed due to time constraint	mins	
Test could not be completed due to time constraint	secs	
3.09	m2	
Test could not be completed due to time constraint	m/s	

Time Elapsed (mins)	Depth of Water below GL (m)	Measured Data
0	0.240	
1	0.250	
2	0.250	
3	0.260	
4	0.270	
5	0.280	
9	0.290	
23	0.360	
51	0.470	
84	0.550	



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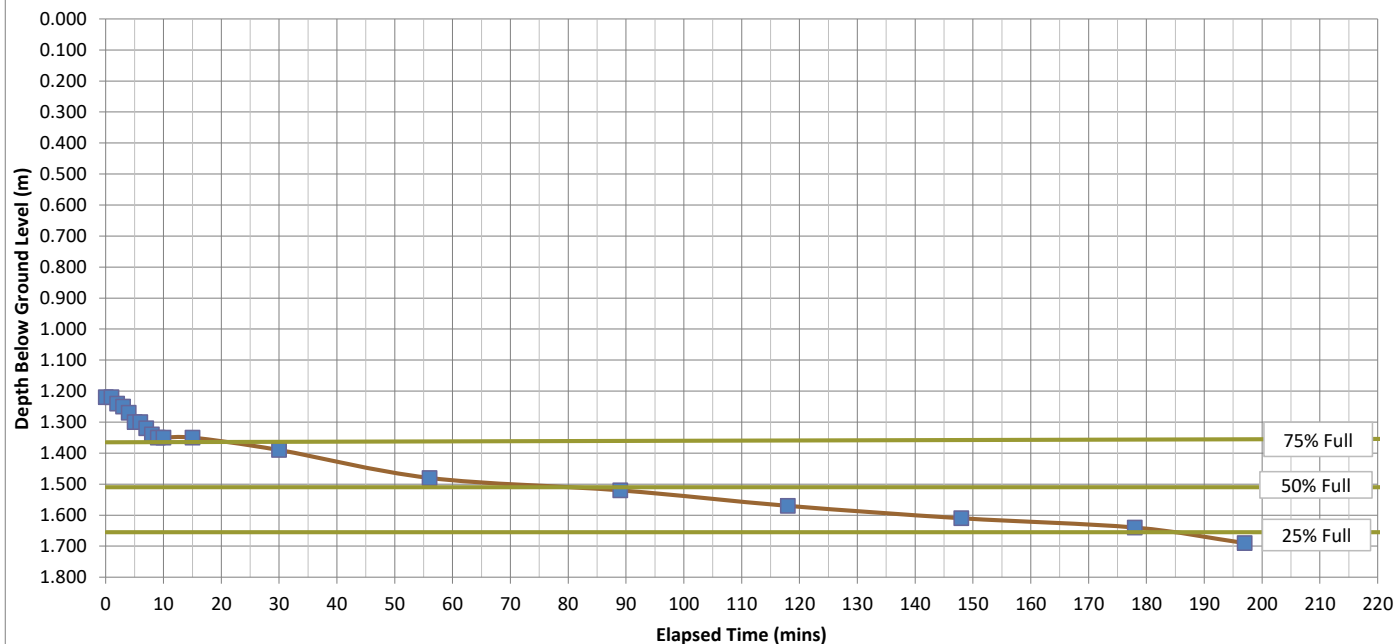
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(Depth below GL)
Effective storage depth to 50% full
(Depth below GL)
Effective storage depth to 25% full
(Depth below GL)
Height to 50% depth
Effective Storage Volume Vp75-25
Time tp25 at which water is 75% of effective depth (minutes)
Time tp25 at which water is 25% of effective depth (minutes)
Time for water level to fall between Vp75 -25
Time for water level to fall between Vp75 -25
Internal surface area of hole up to 50% depth including base
Soil Infiltration Rate, f

SA2 Test 1	
17/06/2022	
SAND	
1.80	m
0.58	m
0.50	m
1.40	m
1.22	m
1.69	m
0.44	m
1.37	m
0.29	m
1.51	m
0.15	m
1.66	m
0.29	m3
0.20	m3
22.00	mins
185.0	mins
163	mins
9780	secs
1.80	m2
1.15E-05	m/s

Assumes pit is not filled

[illegible]



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Height to 50% depth
Effective Storage Volume Vp75-25
Time tp25 at which water is 75% of effective depth (minutes)
Time tp25 at which water is 25% of effective depth (minutes)
Time for water level to fall between Vp75-25
Time for water level to fall between Vp75-25
Internal surface area of hole up to 50% depth including base
Soil Infiltration Rate, f

SA2 Test 2		
17/06/2022		
SAND		
1.65	m	0.15m of material collapsed in
0.56	m	
0.50	m	
1.40	m	
1.09	m	
1.36	m	
0.42	m	
1.23	m	
0.28	m	
1.37	m	
0.14	m	
1.51	m	
0.28	m3	
0.20	m3	Assumes pit is not filled
33.00	mins	
Test could not be completed due to time constraint	mins	
Test could not be completed due to time constraint	mins	
Test could not be completed due to time constraint	secs	
1.76	m2	
Test could not be completed due to time constraint	m/s	

Time Elapsed (mins)	Depth of Water below GL (m)	Measured Data
0	1.090	
1	1.100	
2	1.120	
3	1.160	
4	1.170	
5	1.170	
9	1.170	
16	1.180	
33	1.230	
58	1.280	
90	1.360	

