IN SITU TESTING - Soakaway Test

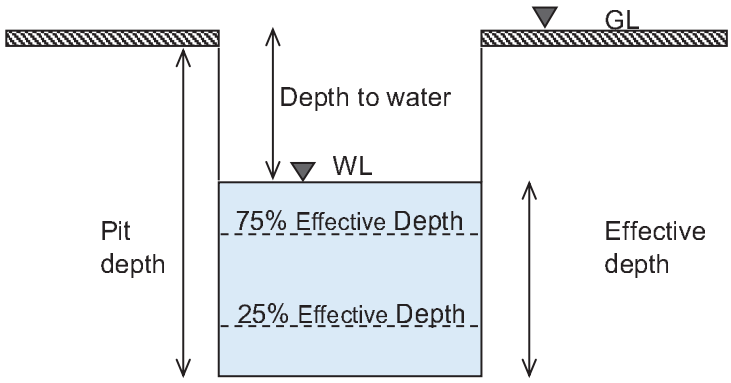
Hamson Barron Smith

Project: **Milefield Primary School**
Project No: **23-29-17-1-6004**
Client: **Barnsley Metropolitant Borough Council**

Test Location : **WS5**
Test No : **1**
Date : **29/07/16**

ELAPSED TIME (minutes)	DEPTH to water below ground level (m)	HEAD (m)	HEAD (% effective depth)
0	0.30	0.70	100
1	0.47	0.53	76
2	0.49	0.51	73
3	0.50	0.50	71
4	0.51	0.49	70
6	0.51	0.49	70
10	0.51	0.49	70
36	0.51	0.49	70
64	0.51	0.49	70
120	0.51	0.49	70

BOREHOLE SOAKAWAY



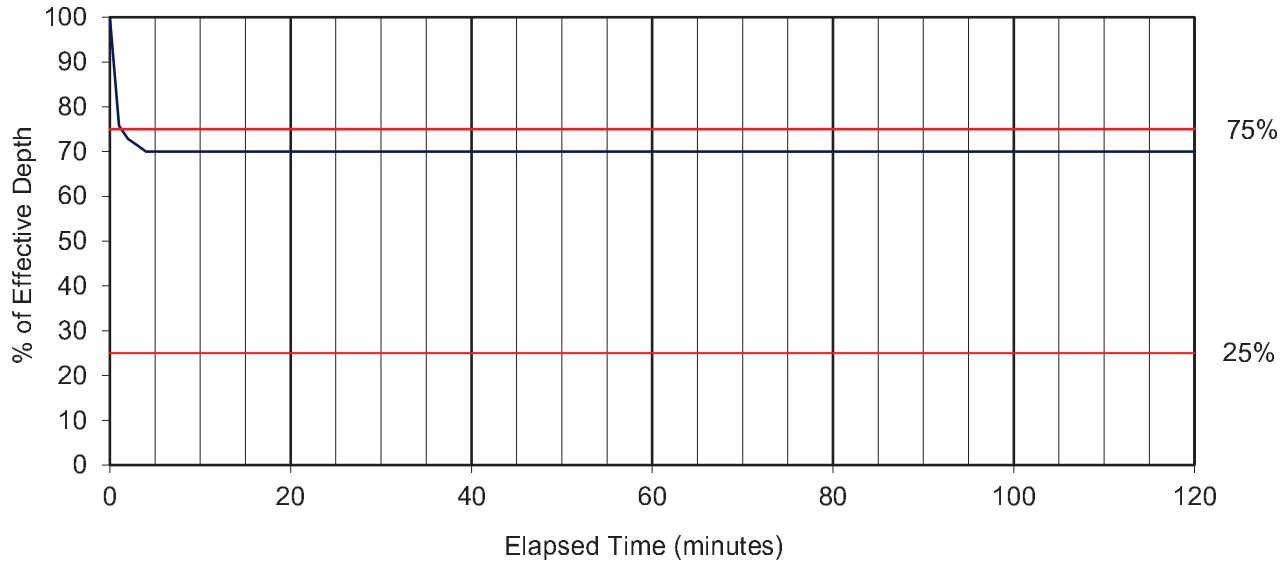
Borehole Diameter	=	0.10 m
Borehole Depth	=	1.00 m
Effective depth (Head of Water)	=	0.70 m

	% of effective depth 75%	25%	
Depth	0.48	0.83	m bgl
Head	0.53	0.18	m
Time	-	-	minutes

V_{p75-25}	=	0.00	m^3
a_{p50}	=	0.12	m^2
t_{p75-25}	=	-	min

t_{p75}	=	-	minutes
t_{p25}	=	-	minutes

Soil Infiltration rate, *f* = - **m/sec**
- **mm/hr**



Remarks:
Initial fall in water level in the sand layer. Then no further movement after four minutes.