



INSITU FALLING HEAD PERMEABILITY TEST

(BS5930:1999, Section 25.4.6.1)

Contractor: A.I.S.

Site:

Job No: G0502

Borehole number	BH04
Test number:	1
Date	27 May 2005
Diameter of borehole (mm)	80
Depth of borehole (m)	4.00
Depth of casing (m)	2.00
Height of casing above ground level (m)	0.00
Ground water level (m.BGL)	2.64
Intake Factor (BS5930:1999:Fig 6c)	3.02
Initial head of water - Ho (m)	1.30

Time (min)	Depth (m)	Ht (m)	Ht/Ho
0	1.34	1.300	1.000
1	2.04	0.600	0.462
2	2.30	0.340	0.262
3	2.42	0.220	0.169
4	2.46	0.180	0.138
5	2.51	0.130	0.100
6	2.53	0.110	0.085

PERMEABILITY - k (m/s) **1.14E-05** **Comments:** infiltration zone assumed 2.0-4.0m BGL

*Notes: GWL, depth of borehole and depth of casing are all measured from GL
All other test depths are measured from the top of casing*

