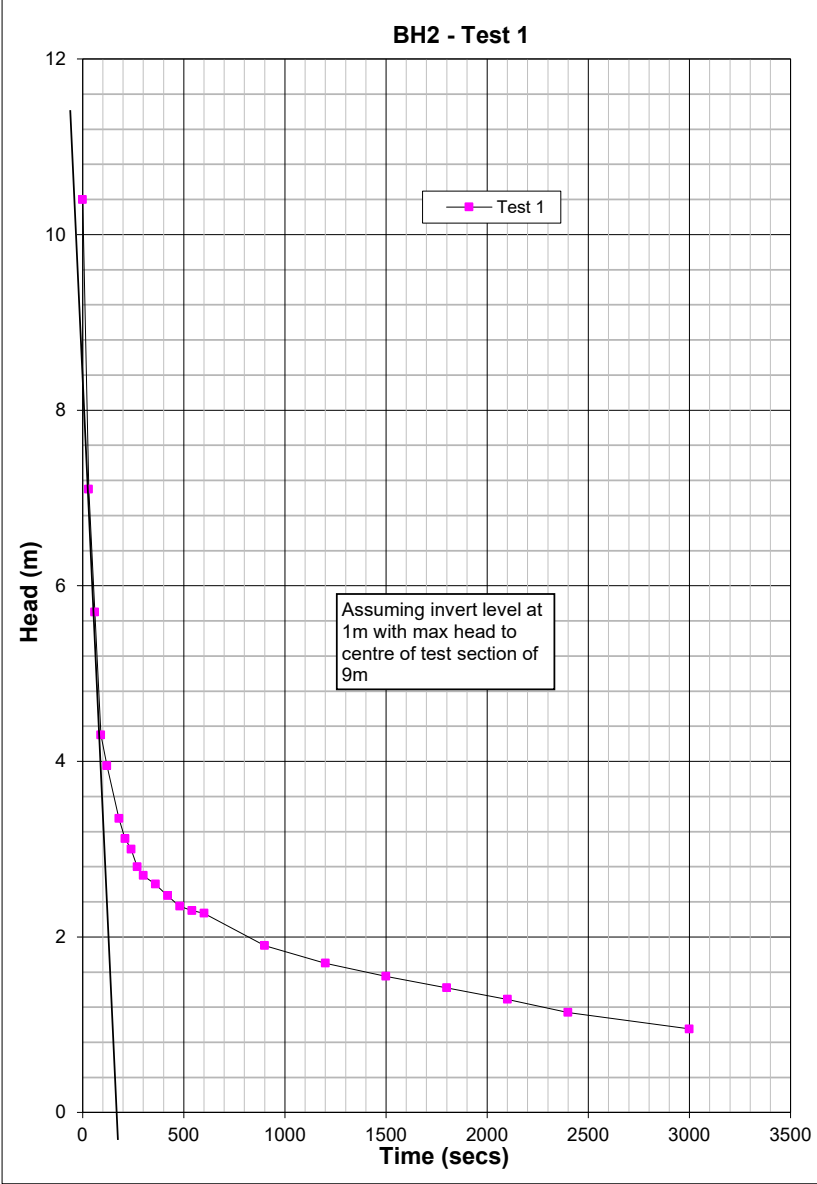


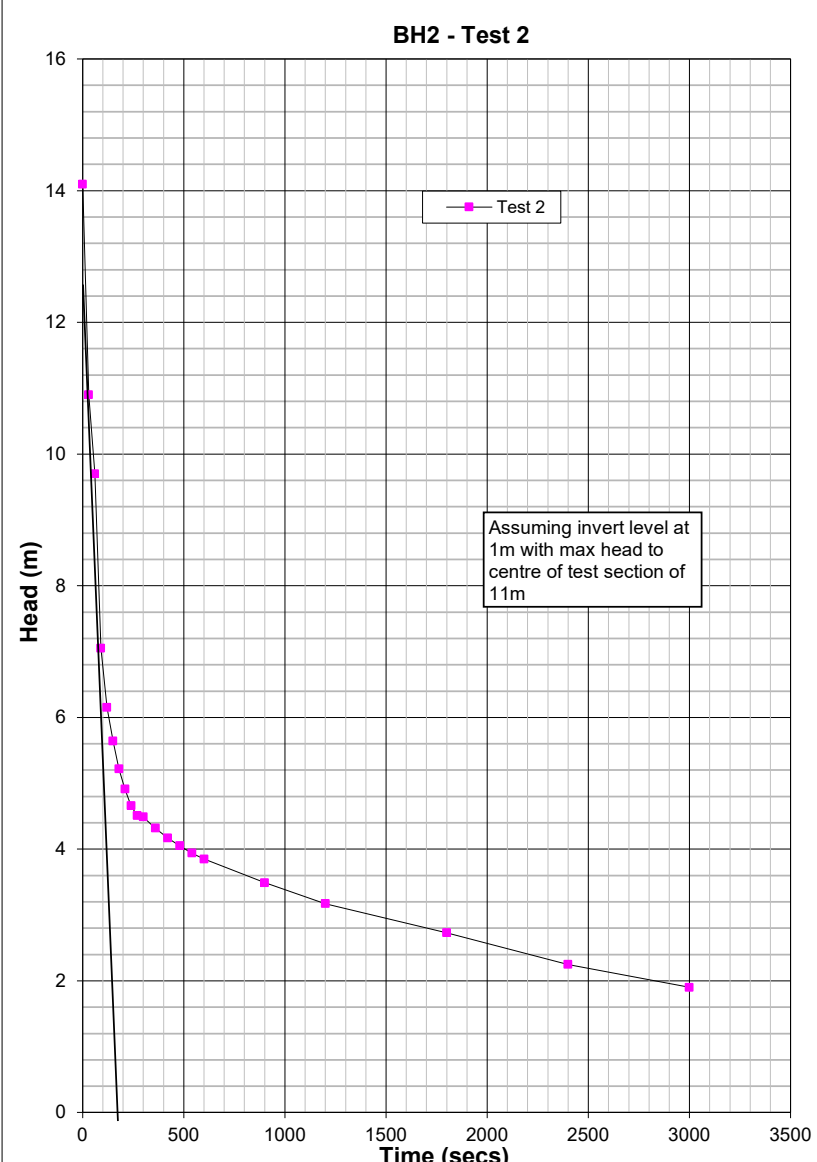
	New Care Home, Central Avenue, Gravesend				BH2			
Top section	9	m	Centre section	10	m	Diameter of Hole	0.15	m
Bottom section	11	m	Diameter of test section	0.15	m	Length of test section	2	m
Water Level		dry						

Time (Seconds)	Depth	Head
0	0.6	10.4
30	3.9	7.1
60	5.3	5.7
90	6.7	4.3
120	7.05	3.95
180	7.65	3.35
210	7.88	3.12
240	8	3
270	8.2	2.8
300	8.3	2.7
360	8.4	2.6
420	8.53	2.47
480	8.65	2.35
540	8.7	2.3
600	8.73	2.27
900	9.1	1.9
1200	9.3	1.7
1500	9.45	1.55
1800	9.58	1.42
2100	9.71	1.29
2400	9.86	1.14
3000	10.05	0.95



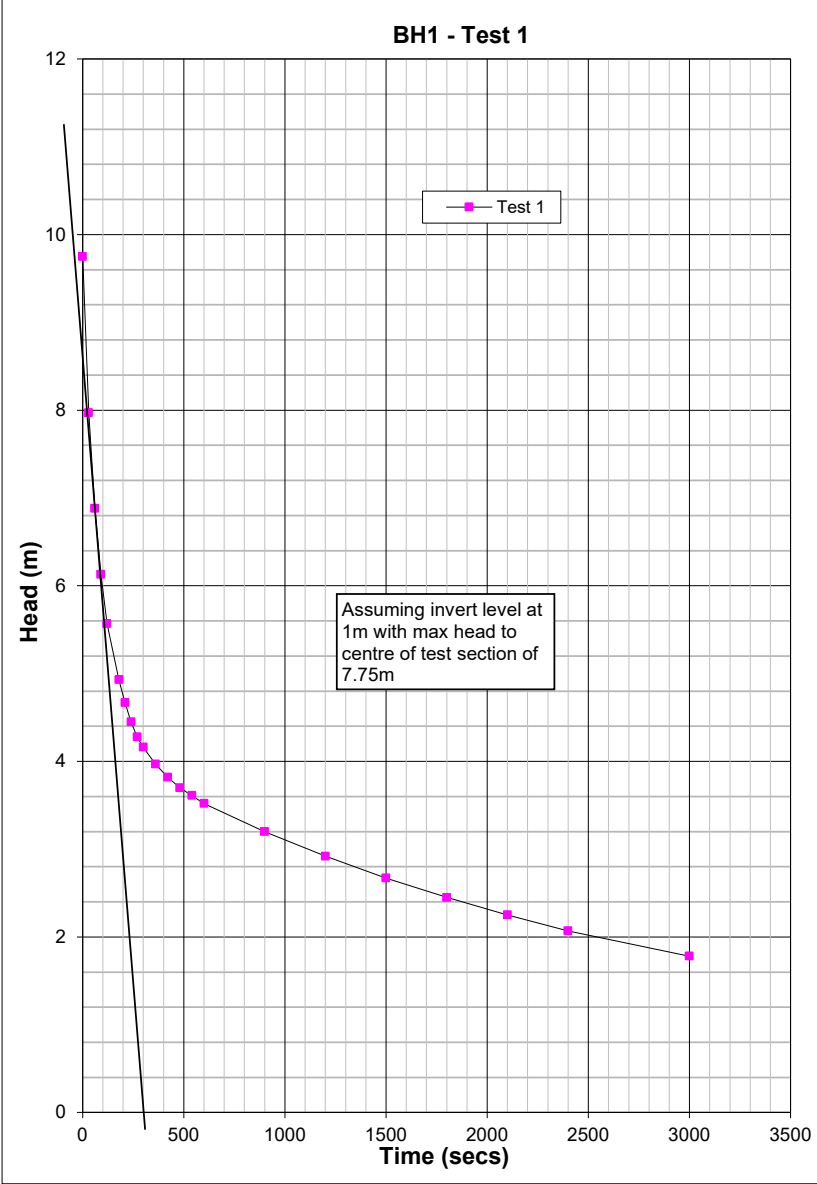
BH2 - Test 1

METHODOLOGY IN ACCORDANCE WITH KCC SOAKAWAY DESIGN GUIDE, JULY 2000.									
Soakage Rate:	$250 \cdot H_p \cdot d^2$	H_p	9.2	m	t_h	3	mins		
	$D \cdot L \cdot t_h$	Very good Infiltration - 1000L added to borehole in 240 seconds. Constant head at 0.6m for 1 minute 10 seconds. Borehole collapsed to 10.2m during the test							
=	57.50								
		After BS5930:1999		$k(\text{approx}) = 1.7 \times 10^{-3} \text{m/s}$		ESTIMATED			

		New Care Home, Central Avenue, Gravesend				BH2		
Top section Bottom section	9 15	m m	Centre section Diameter of test section	12 0.15	m m	Diameter of Hole Length of test section	0.15 6	m m
Water Level		dry m						
Time (Seconds)	Depth	Head						
0	0.9	14.1						
30	4.1	10.9						
60	5.3	9.7						
90	7.95	7.05						
120	8.85	6.15						
150	9.36	5.64						
180	9.78	5.22						
210	10.09	4.91						
240	10.34	4.66						
270	10.49	4.51						
300	10.51	4.49						
360	10.68	4.32						
420	10.83	4.17						
480	10.95	4.05						
540	11.06	3.94						
600	11.15	3.85						
900	11.51	3.49						
1200	11.83	3.17						
1800	12.27	2.73						
2400	12.75	2.25						
3000	13.1	1.9						
BH2 - Test 2								
								
METHODOLOGY IN ACCORDANCE WITH KCC SOAKAWAY DESIGN GUIDE, JULY 2000.								
Soakage Rate:	$250 \cdot H_p \cdot d^2$		Hp	12	m	th	3.5	mins
	$D \cdot L \cdot th$		Very good Infiltration - 1000L added to borehole in 250 seconds. Borehole collapsed to 13.9m during the test					
=	21.43	L/m²/min	After BS5930:1999 $k(\text{approx}) = 1.6 \times 10^{-3} \text{ m/s}$ ESTIMATED					

		New Care Home, Central Avenue, Gravesend				BH1					
Top section		7.5	m	Centre section		8.75	m	Diameter of Hole		0.15	m
Bottom section		10	m	Diameter of test section		0.15	m	Length of test section		2.5	m
Water Level		dry									

Time (Seconds)	Depth	Head
0	0.25	9.75
30	2.03	7.97
60	3.12	6.88
90	3.87	6.13
120	4.43	5.57
180	5.07	4.93
210	5.33	4.67
240	5.55	4.45
270	5.72	4.28
300	5.84	4.16
360	6.03	3.97
420	6.18	3.82
480	6.3	3.7
540	6.39	3.61
600	6.48	3.52
900	6.8	3.2
1200	7.08	2.92
1500	7.33	2.67
1800	7.55	2.45
2100	7.75	2.25
2400	7.93	2.07
3000	8.22	1.78



METHODOLOGY IN ACCORDANCE WITH KCC SOAKAWAY DESIGN GUIDE, JULY 2000.									
Soakage Rate:	$250 \cdot H_p \cdot d^2$	Hp	8.25	m	th	5	mins		
	$D \cdot L \cdot th$	Very good Infiltration - 1000L added to borehole in 280 seconds. Constant head at 0.25m for 40 seconds. Borehole collapsed to 9.35m during the test							
=	24.75	L/m²/min		After BS5930:1999		k(approx) = 4.3 x10⁻⁴m/s		ESTIMATED	