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SOAKAWAY TEST

(To: BRE 365 1991)

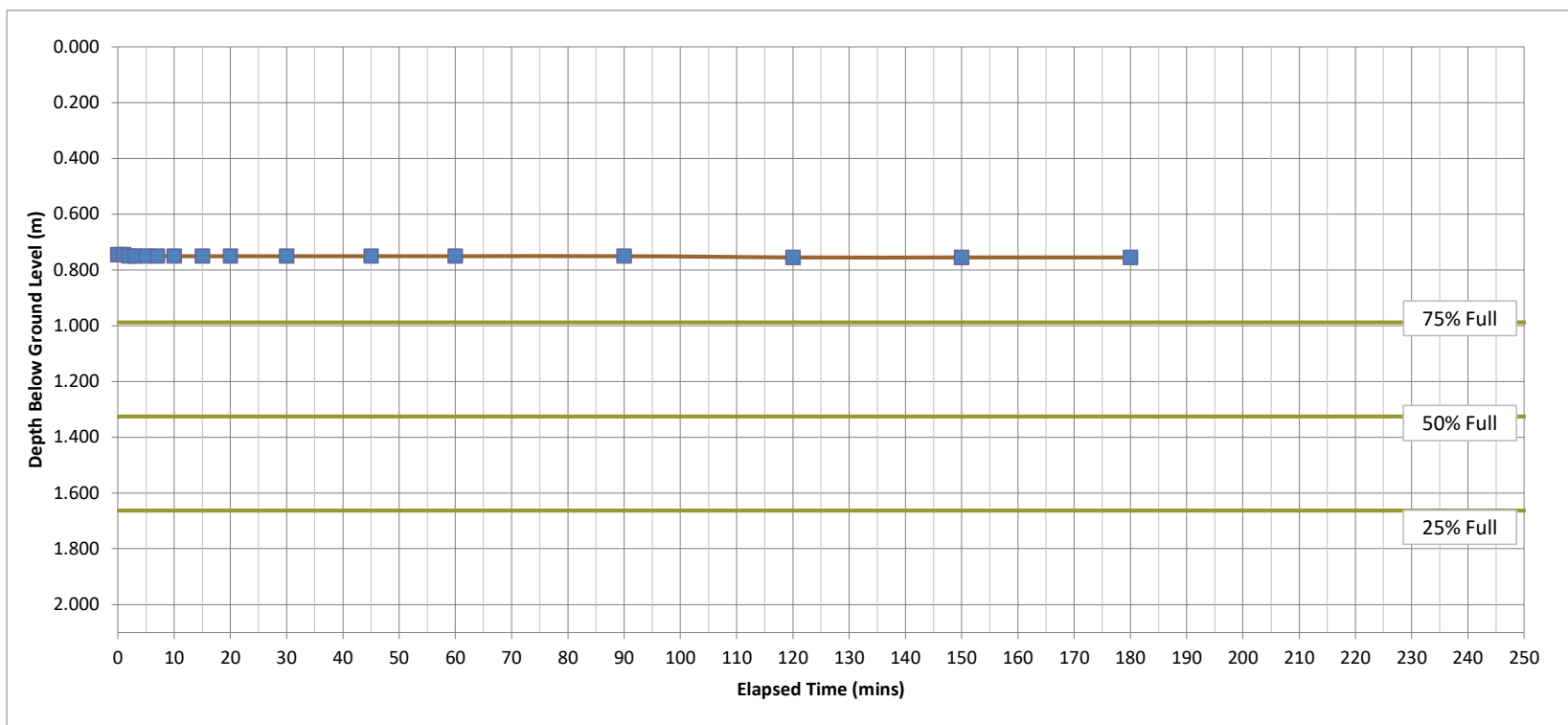
Job No: A6549
Site: Glossop Road, Charlesworth
Client: Beck Homes

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 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

SA01	
12/08/2025	
CLAY	
2.00	m
1.35	m
0.95	m
2.20	m
0.45	m
0.46	m
1.01	m
0.99	m
0.68	m
1.33	m
0.34	m
1.66	m
0.775	m3
1.41	m3
Infiltration rate too slow to calculate.	mins
	mins
	mins
	secs
	m2
	m/s

Assumes pit is not filled

Time Elapsed (mins)	Depth of Water below GL (m)
0	0.745
1	0.745
2	0.750
3	0.750
5	0.750
7	0.750
10	0.750
15	0.750
20	0.750
30	0.750
45	0.750
60	0.750
90	0.750
120	0.755
150	0.755
180	0.755





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Time for water level to fall between Vp75 -25
Internal surface area of hole up to 50% depth including base
Soil Infiltration Rate, f

SA02	
12/08/2025	
Gravel	
1.90	m
1.35	m
0.95	m
2.80	m
0.45	m
0.46	m
1.01	m
0.89	m
0.68	m
1.23	m
0.34	m
1.56	m
0.725	m3
1.80	m3

Infiltration rate too slow to calculate.

mins
mins
mins
secs
m2
m/s

Assumes pit is not filled

Time Elapsed (mins)	Depth of Water below GL (m)
0	0.740
1	0.750
2	0.755
3	0.760
5	0.770
7	0.780
10	0.790
15	0.810
20	0.820
30	0.845
45	0.880
60	0.910
90	0.960
120	1.005
150	1.045
180	1.080

