

Site : Nell Lane

Client :

Engineer: MC

Job Number

LKC 21 1053

Sheet

1 / 2

Location	Date	Level	Location
TP1	01/03/2021		East of site

Pit Width (m)	0.75
Pit Depth (m)	2.00
Pit Length (m)	2.00

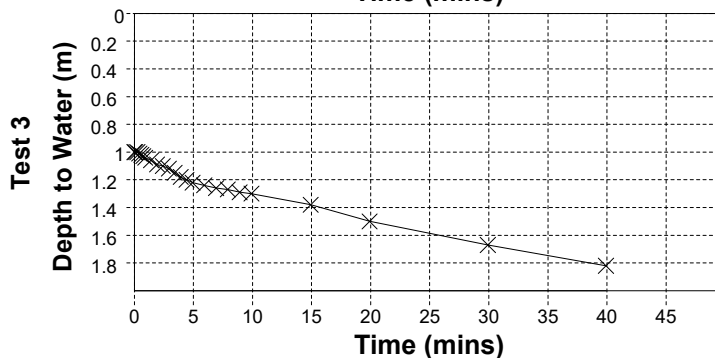
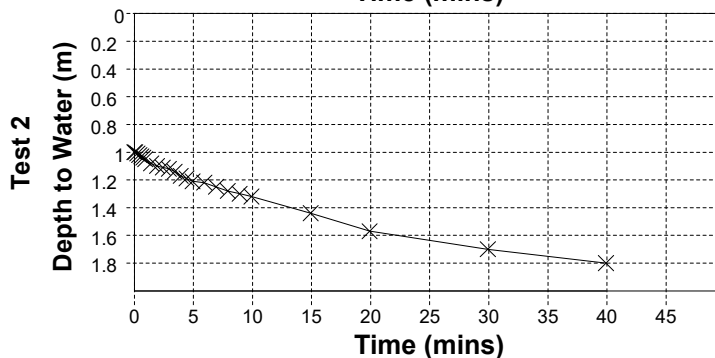
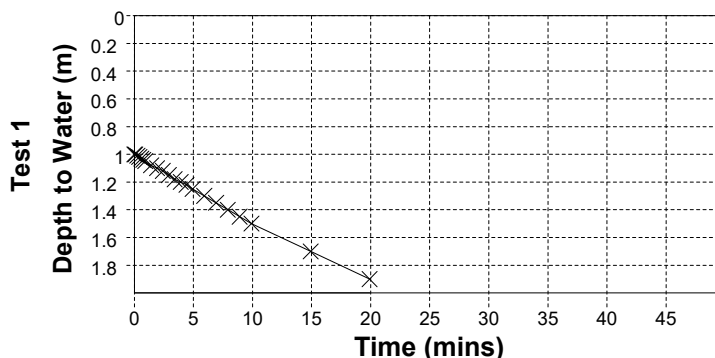
Soil type at test level	Sand
Groundwater	None recorded
Drain discharge depth	1
Sidewall stability	Unstable
Stone filled or open pit	Stone Filled

	1	2	3
Effective depth (m)	1.00	1.00	1.00
Volume outflowing between 75% & 25% (m3)*	0.23	0.23	0.23
Mean surface area through which outflow occurs (m2)	4.25	4.25	4.25
Time for outflow between 75% & 25% (min)	11.25	28.00	28.83
SOIL INFILTRATION RATE (ms-1), f	7.84E-5	3.15E-5	3.06E-5

Remarks

* Volume outflowing reduced to account for granular backfill used during testing (30 % of free volume assumed).

Elapsed time (hh:mm:ss)	Depth to Water Test 1	Depth to Water Test 2	Depth to Water Test 3
00:00:00	1.00	1.00	1.00
00:00:05	1.00	1.00	1.00
00:00:15	1.01	1.01	1.00
00:00:25	1.02	1.02	1.01
00:00:35	1.03	1.03	1.02
00:00:45	1.04	1.04	1.03
00:00:55	1.05	1.05	1.04
00:01:25	1.08	1.08	1.06
00:01:55	1.10	1.10	1.09
00:02:25	1.12	1.11	1.10
00:02:55	1.15	1.12	1.12
00:03:25	1.18	1.14	1.15
00:03:55	1.20	1.17	1.18
00:04:25	1.22	1.19	1.20
00:04:55	1.25	1.21	1.22
00:05:55	1.30	1.22	1.24
00:06:55	1.35	1.25	1.26
00:07:55	1.40	1.28	1.27
00:08:55	1.45	1.30	1.29
00:09:55	1.50	1.32	1.30
00:14:55	1.70	1.44	1.38
00:19:55	1.90	1.57	1.50
00:29:55		1.70	1.67
00:39:55		1.80	1.82



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Sheet

2 / 2

Location	Date	Level	Location
TP2	01/03/2021		North

Pit Width (m)	0.75
Pit Depth (m)	2.00
Pit Length (m)	2.00

Soil type at test level	Sand
Groundwater	None
Drain discharge depth	1
Sidewall stability	Unstable
Stone filled or open pit	Stone Filled

	1	2	3
Effective depth (m)	1.00	1.10	1.00
Volume outflowing between 75% & 25% (m3)*	0.23	0.09	0.23
Mean surface area through which outflow occurs (m2)	4.25	2.21	4.25
Time for outflow between 75% & 25% (min)	28.35	45.75	61.00
SOIL INFILTRATION RATE (ms-1), f	3.11E-5	1.53E-5	1.45E-5

Remarks

* Volume outflowing reduced to account for granular backfill used during testing (30 % of free volume assumed).

Elapsed time (hh:mm:ss)	Depth to Water Test 1	Depth to Water Test 2	Depth to Water Test 3
00:00:00	1.00	0.90	1.00
00:00:05	1.00	0.91	1.01
00:00:15	1.01	0.92	1.01
00:00:25	1.02	0.93	1.02
00:00:35	1.03	0.94	1.02
00:00:45	1.03	0.94	1.03
00:00:55	1.04	0.95	1.03
00:01:25	1.08	0.98	1.05
00:01:55	1.12	1.00	1.07
00:02:25	1.15	1.02	1.09
00:02:55	1.17	1.04	1.10
00:03:25	1.20	1.05	1.12
00:03:55	1.22	1.06	1.15
00:04:25	1.25	1.07	1.17
00:04:55	1.27	1.10	1.20
00:05:55	1.31	1.11	1.23
00:06:55	1.36	1.12	1.25
00:07:55	1.40	1.15	1.28
00:08:55	1.42	1.17	1.29
00:09:55	1.46	1.19	1.30
00:14:55	1.56	1.28	1.35
00:19:55	1.66	1.35	1.37
00:29:55	1.73	1.44	1.42
00:39:55	1.80	1.52	1.53
00:49:55	1.85	1.67	1.61
00:59:55		1.78	1.71
01:29:55			1.86

