

FULL SCALE SOAKAWAY TEST

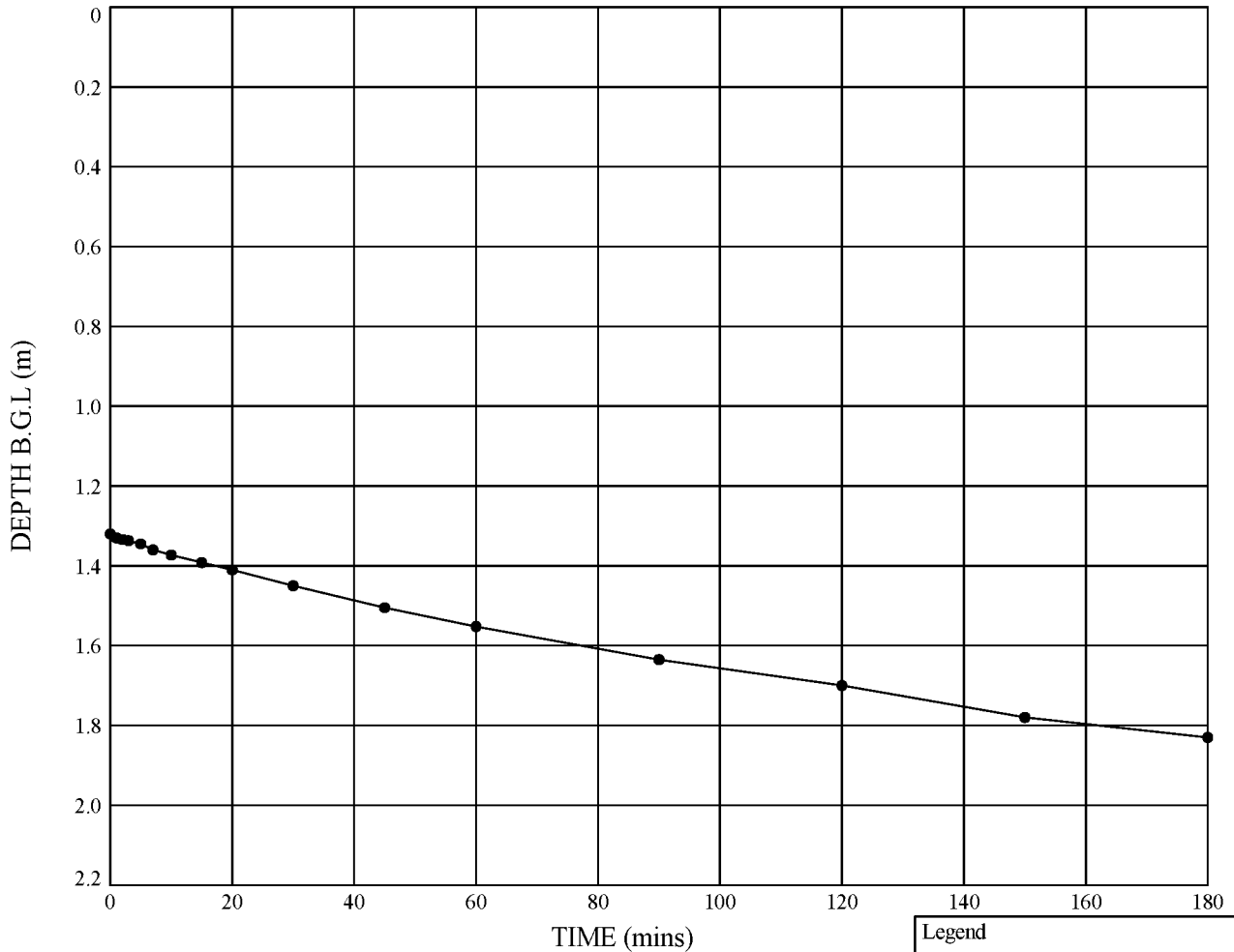
Non standard test

Soakaway Test - Position ID : TP01A

Ground Level: ---

Co-ordinates: ---

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



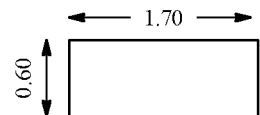
Test 1

Pit start depth: = 2.05 m
Pit final depth: = 1.83 m
Effective depth, D_e = 0.51 m
Effective storage volume, V_{p75-25} = 0.2601 m³
Surface area, a_{p50} = 2.1930 m²
Time, t_{p75-25} = 5493 secs
Infiltration rate, f = 2.16×10^{-5} m/s

Legend

● Test 1 (23.09.15)

Plan (Not to scale)



No Bearing Taken

Approved Signatories: J.BARRETT A.FROST M.STOKES S.HANDCOCK S.PHILP M.STROWGER J.MAJOR



STRUCTURAL SOILS
The Old School
Stillhouse Lane
Bedminster
Bristol BS3 4EB

Compiled By

Date

Checked By

Date

25/09/15

27/09/15

Contract

Nyton Road, Westergate

Contract Ref:

730794

FULL SCALE SOAKAWAY TEST

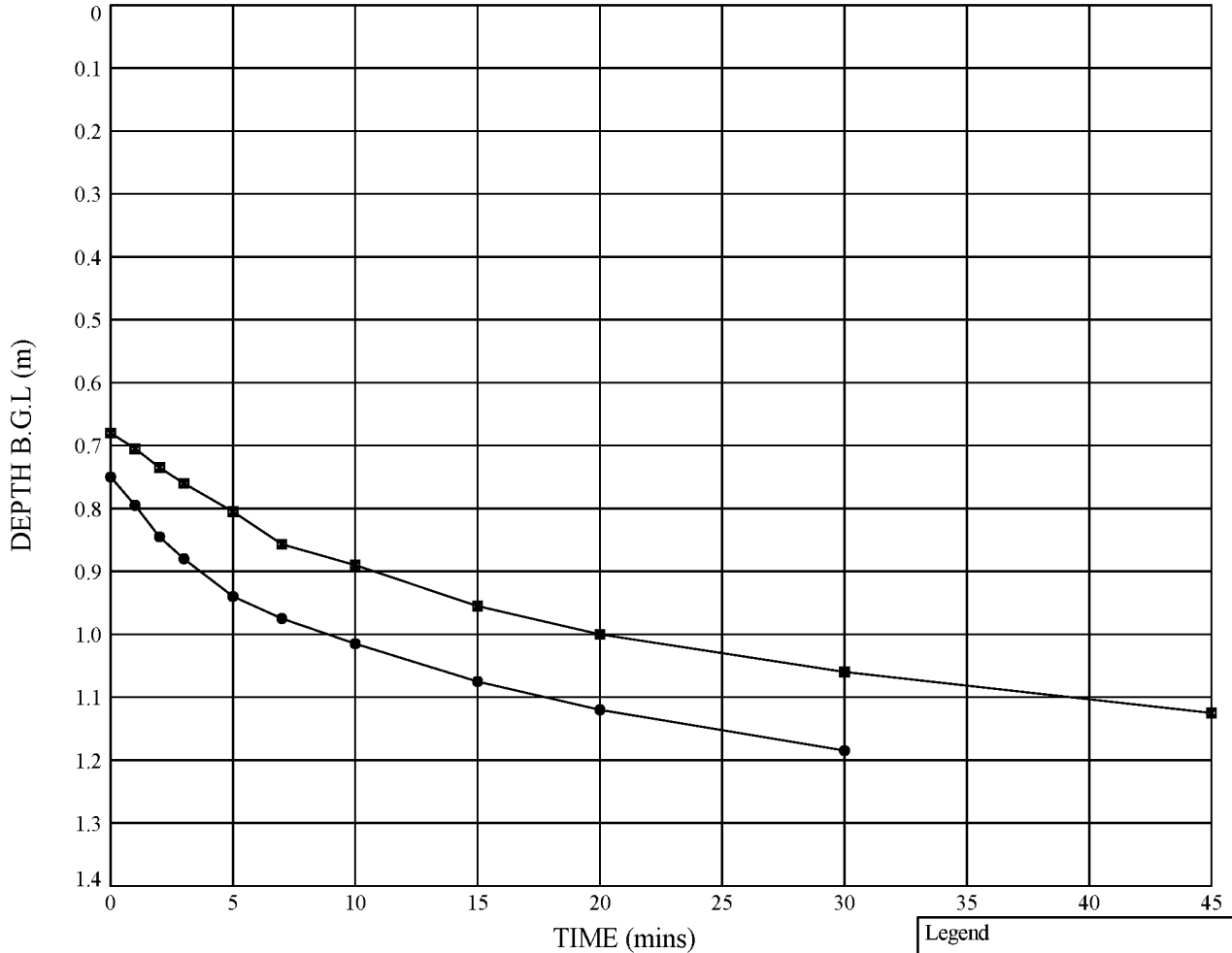
Non standard test

Soakaway Test - Position ID : TP02A

Ground Level: ---

Co-ordinates: ---

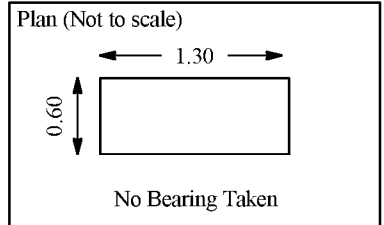
PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	
Pit start depth:	= 1.32	1.30	m
Pit final depth:	= 1.30	1.29	m
Effective depth, D_e	= 0.55	0.61	m
Effective storage volume, V_{p75-25}	= 0.2145	0.2379	m ³
Surface area, a_{p50}	= 1.8250	1.9390	m ²
Time, t_{p75-25}	= 1397	2510	secs
Infiltration rate, f	= 8.41×10^{-5}	4.89×10^{-5}	m/s

Please note test 2 data was extrapolated to obtain $t_{p75-tp25}$.

Legend		
●	Test 1	(22.09.15)
■	Test 2	(22.09.15)



Approved Signatories: J.BARRETT A.FROST M.STOKES S.HANDCOCK S.PHILP M.STROWGER J.MAJOR

STRUCTURAL SOILS The Old School Stillhouse Lane Bedminster Bristol BS3 4EB	Compiled By	Date	Checked By	Date
	[Redacted]	/09/15	[Redacted]	27/09/15
	Contract Nyton Road, Westergate		Contract Ref: 730794	

FULL SCALE SOAKAWAY TEST

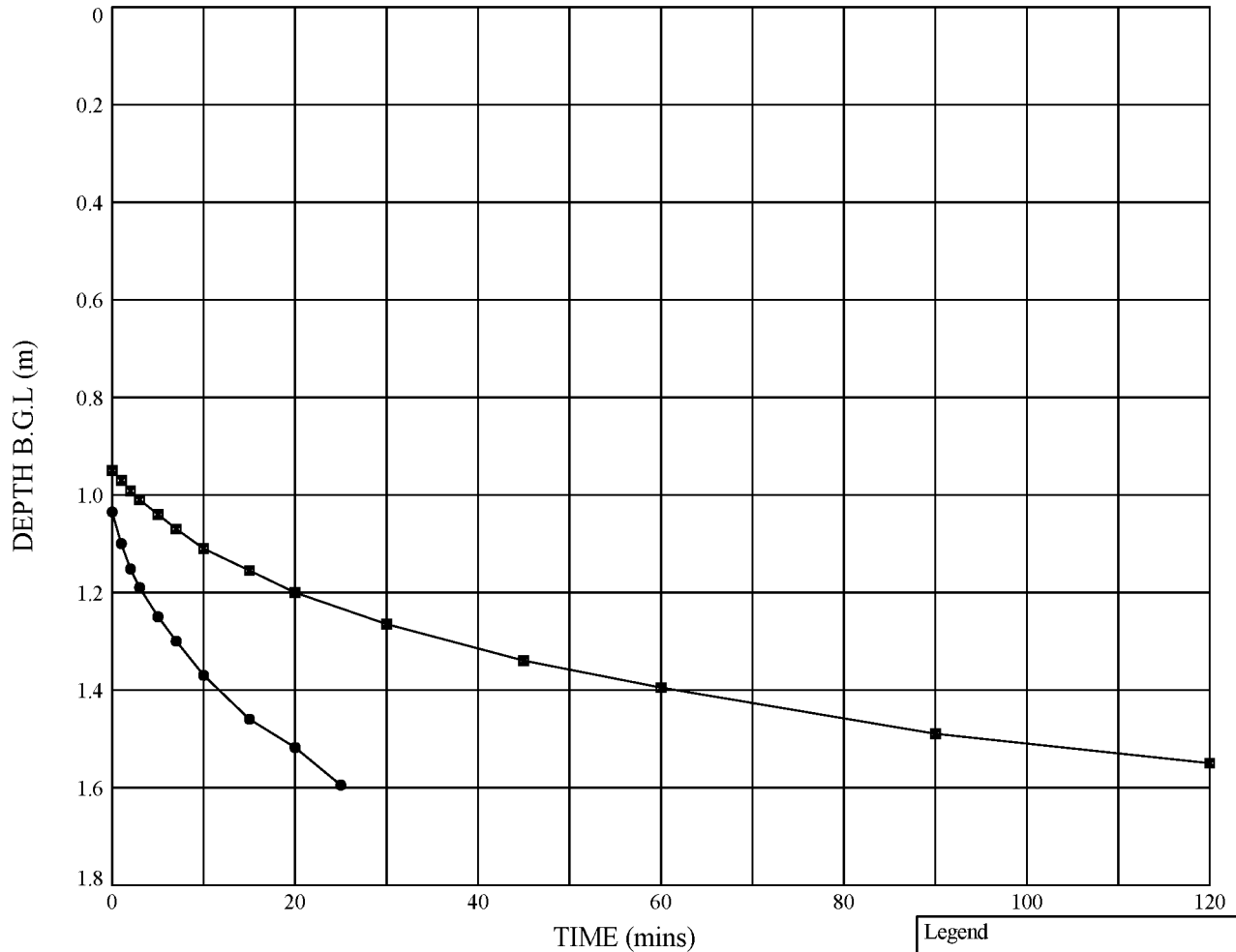
Non standard test

Soakaway Test - Position ID : TP03A

Ground Level: ---

Co-ordinates: ---

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME

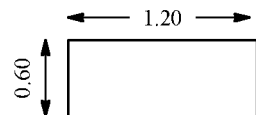


	Test 1	Test 2	
Pit start depth:	= 1.73	1.69	m
Pit final depth:	= 1.69	1.65	m
Effective depth, D_e	= 0.65	0.70	m
Effective storage volume, V_{p75-25}	= 0.2340	0.2520	m ³
Surface area, a_{p50}	= 1.8900	1.9800	m ²
Time, t_{p75-25}	= 1023	4416	secs
Infiltration rate, f	= 1.21×10^{-4}	2.88×10^{-5}	m/s

Legend

- Test 1 (22.09.15)
- Test 2 (22.09.15)

Plan (Not to scale)



No Bearing Taken

Approved Signatories: J.BARRETT A.FROST M.STOKES S.HANDCOCK S.PHILP M.STROWGER J.MAJOR



STRUCTURAL SOILS
The Old School
Stillhouse Lane
Bedminster
Bristol BS3 4EB

Compiled By

Date

Checked By

Date

24/09/15

Contract

Nyton Road, Westergate

730794