



APPENDIX C TRIAL PIT LOGS

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: IB1
Contract Ref: 252380	Start: 18.05.20 End: 18.05.20	Ground Level (m AOD): 125.63	National Grid Co-ordinate: E:445525.6 N:238588.2	Sheet: 1 of 1

GINT LIBRARY_V10_01.GLB LibVersion: v8.07_001 PriVersion: v8.07 | Log TRIAL PIT LOG - A4P | 252380-BODICOTE-SOAKAWAYS.GPJ - v10_01: 2025/06/20 - 17:04 | JS12 |

Plan (Not to Scale)		General Remarks	
		1. No groundwater encountered. 2. Stone infill used for soakaway tests. 3. Trial pit backfilled with arisings upon completion.	
		All dimensions in metres	Scale: 1:25
Method Used:	Inspection pit + Machine dug	Plant Used:	Logged By: BSowden Checked By:



TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: IB2
Contract Ref: 252380	Start: 18.05.20 End: 18.05.20	Ground Level (m AOD): 125.01	National Grid Co-ordinate: E:445592.9 N:238572.0	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Orangish brown slightly fine to coarse gravelly very fine to medium sandy SILT. Gravel of angular to subangular ironstone. Contains rootlets. (TOPSOIL)	(0.30)	
						Soft to firm friable light orangish brown fine to coarse gravelly fine to coarse sandy to very sandy CLAY. Gravel of angular to subangular ironstone. (MARLSTONE ROCK BED)	0.30 (0.45)	
						Trial pit terminated at 0.75m depth for soakaway test.	0.75	

Plan (Not to Scale) 		General Remarks 1. No groundwater encountered. 2. Stone infill used for soakaway tests. 3. Trial pit backfilled with arisings upon completion.	
Method Used: Inspection pit + Machine dug		Plant Used: JCB-3CX	
Logged By: BSowden		Checked By: AGS	



TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: IB3
Contract Ref: 252380	Start: 18.05.20 End: 18.05.20	Ground Level (m AOD): 123.33	National Grid Co-ordinate: E:445632.2 N:238549.1	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Slightly reddish brown slightly fine to coarse gravelly fine to medium sandy SILT with abundant rootlets. (TOPSOIL)	0.25	
						Light orangish brown fine to coarse gravelly fine to coarse sandy COBBLES. Gravel and cobbles of angular to subangular limestone and ironstone. (MARLSTONE ROCK BED)	(0.35) 0.60	
						Trial pit terminated at 0.60m depth for soakaway test.		

Plan (Not to Scale) 		General Remarks 1. No groundwater encountered. 2. Stone infill used for soakaway tests. 3. Trial pit backfilled with arisings upon completion.	
Method Used: Inspection pit + Machine dug		Plant Used: JCB-3CX	
Logged By: BSowden		Checked By: AGS	
All dimensions in metres		Scale: 1:25	

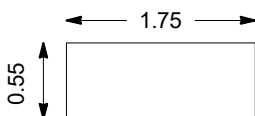


TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: IB4
Contract Ref: 252380	Start: 18.05.20 End: 18.05.20	Ground Level (m AOD): 122.92	National Grid Co-ordinate: E:445638.5 N:238533.4	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Brown slightly fine to coarse gravelly fine to medium sandy SILT. Gravel of angular to subangular ironstone. (TOPSOIL)	0.20	
						Firm friable orangish brown fine to coarse gravelly fine to medium sandy CLAY with low cobble content. Gravel and cobble of subangular ironstone and limestone. (MARLSTONE ROCK BED)	(0.50)	
						Trial pit terminated at 0.70m depth for soakaway test.	0.70	

Plan (Not to Scale)



General Remarks

1. No groundwater encountered.
2. Stone infill used for soakaway tests.
3. Trial pit backfilled with arisings upon completion.

All dimensions in metres

Scale: **1:25**

Method Used: Inspection pit + Machine dug	Plant Used: JCB-3CX	Logged By: BSowden	Checked By:	
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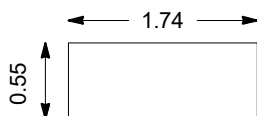


TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: IB5
Contract Ref: 252380	Start: 18.05.20 End: 18.05.20	Ground Level (m AOD): 123.56	National Grid Co-ordinate: E:445614.0 N:238458.9	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Brown slightly fine to coarse gravelly fine to medium sandy SILT. Gravel of subangular ironstone and limestone with rare chert. Contains rootlets. (TOPSOIL)	0.15	
						Firm friable brown mottled and yellowish brown fine to coarse gravelly fine to medium sandy CLAY. Gravel of angular to subangular limestone and occasional ironstone. Cobbles of angular to subangular tabular limestone. (MARLSTONE ROCK BED)	(0.65)	
						Trial pit terminated at 0.80m depth for soakaway test.	0.80	

Plan (Not to Scale)



General Remarks

1. No groundwater encountered.
2. Stone infill used for soakaway tests.
3. Trial pit backfilled with arisings upon completion.

All dimensions in metres

Scale: **1:25**

Method Used: Inspection pit + Machine dug	Plant Used: JCB-3CX	Logged By: BSowden	Checked By:	
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TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: IB7
Contract Ref: 252380	Start: 21.05.20 End: 21.05.20	Ground Level (m AOD): 123.70	National Grid Co-ordinate: E:445860.7 N:238389.9	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Brown slightly fine gravelly fine to medium sandy silty CLAY. Gravel of angular to subangular limestone, ironstone and rare chert. (Stockpile of shallow site strip).	(1.20)	
						Brown slightly fine to coarse gravelly fine to medium sandy clayey SILT. Gravel of subangular limestone. (TOPSOIL)	(0.30)	
						Firm friable fine to coarse gravelly very fine to medium sandy CLAY. Gravel of subangular to subrounded limestone. (MARLSTONE ROCK BED)	1.70	
						Trial pit terminated at 1.70m depth for soakaway test.		

Plan (Not to Scale) 		General Remarks 1. No groundwater encountered. 2. Stone infill used for soakaway tests. 3. Trial pit backfilled with arisings upon completion.	
All dimensions in metres		Scale: 1:25	
Method Used: Inspection pit + Machine dug	Plant Used: JCB-3CX	Logged By: BSowden	Checked By:



TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: IB8
Contract Ref: 252380	Start: 21.05.20 End: 21.05.20	Ground Level (m AOD): 122.50	National Grid Co-ordinate: E:445852.7 N:238358.1	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Brown dessicated fine to coarse gravelly fine to medium sandy SILT. Gravel of subangular to subrounded limestone with rare chert and plastic. (TOPSOIL)	0.25	
						Firm friable yellowish brown fine to coarse gravelly fine to coarse sandy CLAY. Gravel of angular to subangular limestone. (MARLSTONE ROCK BED)	(0.45)	
						Yellowish brown fine to coarse gravelly fine to coarse sandy COBBLES. Gravel of angular to subangular tabular limestone with abundant fossils. (MARLSTONE ROCK BED)	0.70	
							(0.30)	
						Trial pit terminated at 1.00m depth for soakaway test.	1.00	

Plan (Not to Scale)		General Remarks		
		1. No groundwater encountered. 2. Stone infill used for soakaway tests. 3. Trial pit backfilled with arisings upon completion.		
All dimensions in metres		Scale: 1:25		
Method Used: Inspection pit + Machine dug	Plant Used: JCB-3CX	Logged By: BSowden	Checked By:	

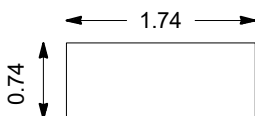


TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: IB9
Contract Ref: 252380	Start: 19.05.20 End: 19.05.20	Ground Level (m AOD): 122.88	National Grid Co-ordinate: E:445599.4 N:238410.2	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.40	1	D				Brown fine to coarse gravelly fine to medium sandy SILT. Gravel of angular to subangular limestone and occasional ironstone and rare chert. (TOPSOIL) Friable light brown and yellowish brown fine to coarse gravelly fine to medium sandy CLAY with low cobble content. Gravel and cobbles of angular to subangular limestone. (MARLSTONE ROCK BED) Trial pit terminated at 0.60m depth for soakway test.	0.20 (0.40) 0.60	

Plan (Not to Scale)



General Remarks

1. No groundwater encountered.
2. Stone infill used for soakaway tests.
3. Trial pit backfilled with arisings upon completion.

All dimensions in metres

Scale: **1:25**

Method Used: Inspection pit + Machine dug	Plant Used: JCB-3CX	Logged By: BSowden	Checked By:	
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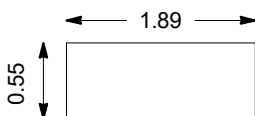


TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: IB10
Contract Ref: 252380	Start: 18.05.20 End: 18.05.20	Ground Level (m AOD): 121.83	National Grid Co-ordinate: E:445688.0 N:238522.2	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Brown slightly fine to coarse gravelly fine to medium sandy SILT. Gravel of angular to subangular ironstone with rare glass. (TOPSOIL)	0.20	
						Firm friable brown to reddish brown fine to coarse gravelly fine to medium sandy CLAY. Gravel of angular to subrounded ironstone and occasional limestone. (MARLSTONE ROCK BED)	(0.40)	
							0.60	
						Trial pit terminated at 0.60m depth for soakway test.		

Plan (Not to Scale)



General Remarks

1. No groundwater encountered.
2. Stone infill used for soakaway tests.
3. Trial pit backfilled with arisings upon completion.

All dimensions in metres

Scale: **1:25**

Method Used:	Inspection pit + Machine dug	Plant Used:	JCB-3CX	Logged By:	BSowden	Checked By:		
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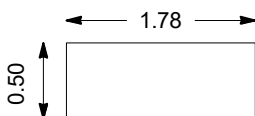


TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: IB11
Contract Ref: 252380	Start: 20.05.20 End: 20.05.20	Ground Level (m AOD): 122.19	National Grid Co-ordinate: E:445602.4 N:238377.4	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Brown fine to coarse gravelly fine to medium sandy SILT. Gravel of angular to subangular limestone with occasional ironstone and rare ceramic. Contains abundant rootlets. (TOPSOIL)	(0.40)	
						Firm friable slightly orangish brown fine to coarse gravelly fine to coarse sandy to very sandy CLAY with low cobble content. Gravel and cobbles of angular to subangular limestone with rare ironstone. (MARLSTONE ROCK BED)	0.40	
						Trial pit terminated at 0.65m depth for soakway test.	0.65	

Plan (Not to Scale)



General Remarks

1. No groundwater encountered.
2. Stone infill used for soakaway tests.
3. Trial pit backfilled with arisings upon completion.

All dimensions in metres

Scale: **1:25**

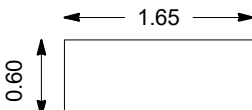
Method Used: Inspection pit + Machine dug	Plant Used: JCB-3CX	Logged By: BSowden	Checked By:	
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TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: IT1
Contract Ref: 252380	Start: 18.05.20 End: 18.05.20	Ground Level (m AOD): 125.97	National Grid Co-ordinate: E:445493.4 N:238548.5	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.60	1	D				Reddish brown fine to coarse slightly gravelly silty fine to coarse SAND. Gravel of subangular medium to coarse ironstone and sandstone. (TOPSOIL)	(0.30)	
						Firm friable fine to coarse gravelly fine to coarse sandy CLAY. Gravel of angular to subangular ironstone. (MARLSTONE ROCK BED)	(0.75)	
						Trial pit terminated at 1.05m depth for soakaway test.	1.05	

<div>Plan (Not to Scale)</div> <div></div>		<div>General Remarks</div> <div>1. No groundwater encountered. 2. Stone infill used for soakaway tests. 3. Trial pit backfilled with arisings upon completion.</div>			
		All dimensions in metres		Scale: 1:25	
		Method Used: Inspection pit + Machine dug	Plant Used: JCB-3CX	Logged By: BSowden	Checked By:

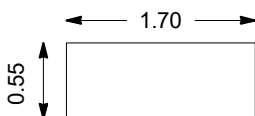


TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: IT2
Contract Ref: 252380	Start: 18.05.20 End: 18.05.20	Ground Level (m AOD): 125.81	National Grid Co-ordinate: E:445487.0 N:238515.1	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Brown fine to coarse gravelly silty fine to coarse SAND. Gravel of angular to subangular ironstone. (TOPSOIL)	0.25	
						Dark orangish brown fine to coarse gravelly clayey fine to coarse SAND. Low cobble content. Gravel and cobbles of subangular to subrounded ironstone. (MARLSTONE ROCK BED)	(0.75)	
						Trial pit terminated at 1.00m depth for soakaway test.	1.00	

Plan (Not to Scale)



General Remarks

1. No groundwater encountered.
2. Stone infill used for soakaway tests.
3. Trial pit backfilled with arisings upon completion.

All dimensions in metres

Scale: **1:25**

Method Used:	Inspection pit + Machine dug	Plant Used:	JCB-3CX	Logged By:	BSowden	Checked By:	
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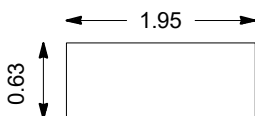


TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: IT3
Contract Ref: 252380	Start: 18.05.20 End: 18.05.20	Ground Level (m AOD): 125.57	National Grid Co-ordinate: E:445480.9 N:238484.3	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.20	1	D				Dark brown fine to coarse gravelly fine to coarse sandy SILT. Gravel of subangular ironstone. (TOPSOIL)	(0.30)	
						Firm friable orangish and occasional yellowish brown fine to coarse gravelly fine to coarse sandy CLAY with low cobble content. Gravel and cobbles of angular to subangular ironstone. (MARLSTONE ROCK BED)	(0.45)	
						Trial pit terminated at 0.75m depth for soakaway test.	0.75	

Plan (Not to Scale)



General Remarks

1. No groundwater encountered.
2. Stone infill used for soakaway tests.
3. Trial pit backfilled with arisings upon completion.

All dimensions in metres

Scale: **1:25**

Method Used: Inspection pit + Machine dug	Plant Used: JCB-3CX	Logged By: BSowden	Checked By:	
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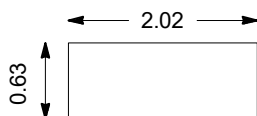


TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: IT4
Contract Ref: 252380	Start: 18.05.20 End: 18.05.20	Ground Level (m AOD): 125.37	National Grid Co-ordinate: E:445472.1 N:238440.6	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Dark slightly reddish brown fine to coarse gravelly fine to coarse sandy SILT. Gravel of subangular ironstone. (TOPSOIL)	0.15	
						Reddish and slightly orangish brown fine to coarse gravelly clayey fine to coarse SAND with low cobble content. Gravel of subangular ironstone. (MARLSTONE ROCK BED)	(0.50)	
						Trial pit terminated at 0.65m depth for soakaway test.	0.65	

Plan (Not to Scale)



General Remarks

1. No groundwater encountered.
2. Stone infill used for soakaway tests.
3. Trial pit backfilled with arisings upon completion.

All dimensions in metres

Scale: **1:25**

Method Used:	Inspection pit + Machine dug	Plant Used:	JCB-3CX	Logged By:	BSowden	Checked By:	
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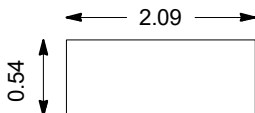


TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: IT5
Contract Ref: 252380	Start: 18.05.20 End: 18.05.20	Ground Level (m AOD): 125.00	National Grid Co-ordinate: E:445465.2 N:238406.1	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Brown fine to coarse gravelly fine to coarse sandy SILT with occasional roots. Gravel of angular to subangular ironstone. (TOPSOIL)	0.15	
						Firm friable slightly reddish brown fine to coarse gravelly fine to coarse sandy to silty CLAY. Gravel of angular to subangular ironstone. (MARLSTONE ROCK BED)	(0.45)	
						Trial pit terminated at 0.60m depth for soakaway test.	0.60	

Plan (Not to Scale)



General Remarks

1. No groundwater encountered.
2. Stone infill used for soakaway tests.
3. Trial pit backfilled with arisings upon completion.

All dimensions in metres

Scale: **1:25**Method Used: **Inspection pit + Machine dug**Plant Used: **JCB-3CX**Logged By: **BSowden**

Checked By:



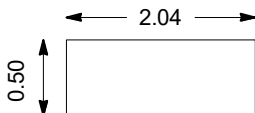


TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: IT6
Contract Ref: 252380	Start: 18.05.20 End: 18.05.20	Ground Level (m AOD): 124.39	National Grid Co-ordinate: E:445457.2 N:238366.5	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.50	1	D				Reddish brown fine to coarse gravelly fine to coarse sandy SILT. Gravel of angular to subangular ironstone. (TOPSOIL)	0.20	
						Firm friable reddish brown fine to coarse sandy fine to coarse gravelly silty CLAY. Gravel of angular to subangular ironstone. (MARLSTONE ROCK BED)	(0.40)	
						Firm light brown fine to coarse gravelly fine to coarse sandy CLAY with low cobble content. Gravel of angular to subangular ironstone and fossiliferous limestone. (MARLSTONE ROCK BED)	0.60	
							(0.50)	
						Trial pit terminated at 1.1m depth for soakaway test.	1.10	

Plan (Not to Scale)



General Remarks

1. No groundwater encountered.
2. Stone infill used for soakaway tests.
3. Trial pit backfilled with arisings upon completion.

All dimensions in metres

Scale: **1:25**Method Used: **Inspection pit + Machine dug**Plant Used: **JCB-3CX**Logged By: **BSowden**

Checked By:



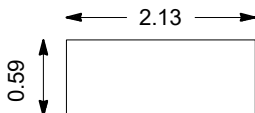


TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: IT7
Contract Ref: 252380	Start: 18.05.20 End: 18.05.20	Ground Level (m AOD): 123.80	National Grid Co-ordinate: E:445450.1 N:238332.6	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Slightly reddish brown fine gravelly fine to medium sandy SILT. Gravel of angular to subangular ironstone. (TOPSOIL)	0.20	
						Firm friable reddish brown fine to coarse gravelly fine to medium sandy CLAY. Gravel of angular to subangular ironstone. (MARLSTONE ROCK BED)	(0.30) 0.50	
						Firm friable light brown fine to coarse gravelly fine to medium sandy CLAY with moderate cobble content. Gravel and cobbles of angular to subangular limestone and ironstone. (MARLSTONE ROCK BED)	(0.90)	
						... Below 1.20m high cobble content.	1.40	
						Trial pit terminated at 1.40m depth for soakaway test.		

Plan (Not to Scale)



General Remarks

1. No groundwater encountered.
2. Stone infill used for soakaway tests.
3. Trial pit backfilled with arisings upon completion.

All dimensions in metres

Scale: **1:25**Method Used: **Inspection pit + Machine dug**Plant Used: **JCB-3CX**Logged By: **BSowden**

Checked By:



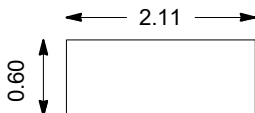


TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: IT8
Contract Ref: 252380	Start: 18.05.20 End: 18.05.20	Ground Level (m AOD): 122.86	National Grid Co-ordinate: E:445441.9 N:238287.3	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Reddish brown slightly fine to coarse gravelly fine to medium sandy SILT. Gravel of angular to subangular ironstone. Contains rare roots. (TOPSOIL)	(0.40) 0.40	
						Soft to firm friable light brown mottled brown fine to coarse gravelly fine to medium sandy CLAY. Contains low to moderate cobble content. Gravel of angular to subangular limestone and ironstone. (MARLSTONE ROCK BED)	(0.90) 0.90	
						Trial pit terminated at 1.30m depth for soakaway test.	1.30	

Plan (Not to Scale)



General Remarks

1. No groundwater encountered.
2. Stone infill used for soakaway tests.
3. Trial pit backfilled with arisings upon completion.

All dimensions in metres

Scale: **1:25**

Method Used:	Inspection pit + Machine dug	Plant Used:	JCB-3CX	Logged By:	BSowden	Checked By:		
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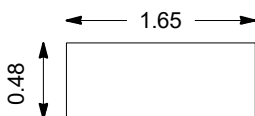


TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: IT9
Contract Ref: 252380	Start: 22.05.20 End: 22.05.20	Ground Level (m AOD): 121.39	National Grid Co-ordinate: E:445862.1 N:238296.1	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Reddish brown slightly fine to coarse gravelly fine to medium clayey SILT. Gravel of subangular limestone. (TOPSOIL)	(0.75)	
						Firm to stiff friable fine to coarse gravelly very fine to coarse sandy CLAY. Gravel of subangular ironstone. (MARLSTONE ROCK BED)	0.75 0.80 0.90	
						Yellowish brown fine to coarse gravelly fine to coarse sandy COBBLES. Gravels and cobbles of yellow brown limestone and ironstone. (MARLSTONE ROCK BED)		
						Trial pit terminated at 0.90m depth for soakaway test.		

Plan (Not to Scale)



General Remarks

1. No groundwater encountered.
2. Stone infill used for soakaway tests.
3. Trial pit backfilled with arisings upon completion.

All dimensions in metres

Scale: **1:25**

Method Used:	Inspection pit + Machine dug	Plant Used:	JCB-3CX	Logged By:	BSowden	Checked By:		
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Contract:		Client:		Trial Pit:	
White Post Road, Bodicote		Barratt Homes Mercia & David Wilson Home		POR1	
Contract Ref:	Start: 22.06.20	Ground Level (m AOD):	National Grid Co-ordinate:	Sheet:	
252380	End: 22.06.20	122.14	E:445481.2 N:238235.4	1	of 1

GINT LIBRARY_V10_01.GLB LibVersion: v8.07_001 PriVersion: v8.07 | Log TRIAL PIT LOG - A4P | 252380-BODICOTE-SOAKAWAYS.GPJ - v10_01:
RISK Environment Ltd, Abbey Park, Humber Road, Coventry, CV3 4AQ. Tel: 02476 505600. Fax: 02476 501417. Web: www.risk.co.uk | 29/06/20 - 17:05 | JS12 |



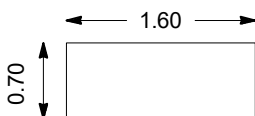


TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: POR2
Contract Ref: 252380	Start: 22.06.20 End: 22.06.20	Ground Level (m AOD): 121.75	National Grid Co-ordinate: E:445456.0 N:238238.5	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Firm brown fine to coarse gravelly fine to medium sandy CLAY. Gravel is angular to subangular ironstone and limestone. (TOPSOIL)	0.15	
						Brown fine to coarse sandy fine to coarse gravelly fine to coarse COBBLES. Gravel and cobbles are angular to subangular tabular yellowish brown limestone and occasional ironstone. (MARLSTONE ROCK BED)	(0.40)	
						Trial pit terminated at 0.55m depth for soakway test.	0.55	

Plan (Not to Scale)



General Remarks

1. No groundwater encountered.
2. Stone infill used for soakaway tests.
3. Trial pit backfilled with arisings upon completion.

All dimensions in metres

Scale: **1:25**

Method Used:

Machine dug

Plant Used:

JCB-3CX

Logged By:

BSowden

Checked By:



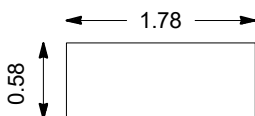


TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: POR3
Contract Ref: 252380	Start: 22.05.20 End: 22.05.20	Ground Level (m AOD): 121.02	National Grid Co-ordinate: E:446017.5 N:238290.3	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Brown fine to coarse gravelly fine to medium sandy SILT with occasional rootlets. Gravel of angular to subrounded limestone with occasional chert, concrete, brick and wood. (MADE GROUND)	0.10	
						Yellowish brown fine to coarse gravelly fine to coarse sandy COBBLES. Gravel and cobbles of angular to subangular limestone and ironstone. Limestone is medium strong yellowish and greyish brown with abundant fossils. (MARLSTONE ROCK BED)	(0.65)	
						Trial pit terminated at 0.75m depth.	0.75	

Plan (Not to Scale)



General Remarks

1. No groundwater encountered.
2. Stone infill used for soakaway tests.
3. Trial pit backfilled with arisings upon completion.

All dimensions in metres

Scale: **1:25**

Method Used: Inspection pit + Machine dug	Plant Used: JCB-3CX	Logged By: BSowden	Checked By:	
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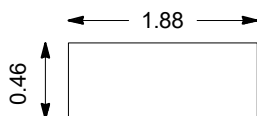


TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: POR4
Contract Ref: 252380	Start: 22.05.20 End: 22.05.20	Ground Level (m AOD): 120.86	National Grid Co-ordinate: E:445974.1 N:238299.3	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Brown and yellowish brown dessicated fine to coarse slightly gravelly fine to medium sandy SILT with occasional roots. Gravel of fine to coarse angular to subangular limestone and ironstone. (TOPSOIL)	(0.35)	
						Slightly yellowish brown fine to coarse gravelly clayey fine to coarse SAND with low cobble content. Gravel and cobbles of subangular limestone and occasional ironstone. (MARLSTONE ROCK BED)	0.35	
						Trial pit terminated at 0.60m depth for soakaway test.	0.60	

Plan (Not to Scale)



General Remarks

1. No groundwater encountered.
2. Stone infill used for soakaway tests.
3. Trial pit backfilled with arisings upon completion.

All dimensions in metres

Scale: **1:25**

Method Used: Inspection pit + Machine dug	Plant Used: JCB-3CX	Logged By: BSowden	Checked By:	
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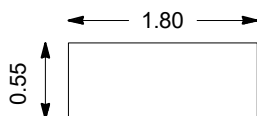


TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: SA1
Contract Ref: 252380	Start: 18.05.20 End: 18.05.20	Ground Level (m AOD): 125.47	National Grid Co-ordinate: E:445525.8 N:238531.0	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Brown fine to coarse gravelly fine to medium sandy SILT. Contains rootlets. Gravel of angular to subrounded ironstone and limestone. (TOPSOIL)	0.20	
						Firm friable reddish brown fine to coarse gravelly fine to coarse sandy to very sandy CLAY. Gravel of angular to subangular ironstone. (MARLSTONE ROCK BED)	(0.60)	
						Trial pit terminated at 0.80m depth for soakaway test.	0.80	

Plan (Not to Scale)



General Remarks

1. No groundwater encountered.
2. Stone infill used for soakaway tests.
3. Trial pit backfilled with arisings upon completion.

All dimensions in metres

Scale: **1:25**

Method Used:	Inspection pit + Machine dug	Plant Used:	JCB-3CX	Logged By:	BSowden	Checked By:	
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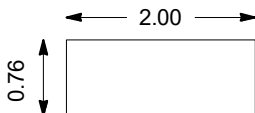


TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: SA2
Contract Ref: 252380	Start: 19.05.20 End: 19.05.20	Ground Level (m AOD): 124.51	National Grid Co-ordinate: E:445575.1 N:238480.8	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Brown dessicated fine to coarse gravelly fine to medium sandy SILT. Gravel of fine to coarse angular to subrounded ironstone and limestone. (TOPSOIL)	(0.30) 0.30	
						Firm friable fine to coarse gravelly fine to medium sandy CLAY. Gravel of fine to coarse angular to subrounded limestone and occasional limestone. (MARLSTONE ROCK BED)	(0.40) 0.70	
						Yellowish brown slightly fine to coarse gravelly fine to coarse sandy COBBLES. Gravel and cobbles are tabular yellowish brown coarse grained LIMESTONE containing abundant shell fossils. (MARLSTONE ROCK BED)	(0.50) 1.20	
						Trial pit terminated at 1.20m depth for soakway test.		

Plan (Not to Scale)



General Remarks

1. No groundwater encountered.
2. Stone infill used for soakaway tests.
3. Trial pit backfilled with arisings upon completion.

All dimensions in metres

Scale: **1:25**

Method Used:	Inspection pit + Machine dug	Plant Used:	JCB-3CX	Logged By:	BSowden	Checked By:	
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TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: SA3
Contract Ref: 252380	Start: 19.05.20 End: 19.05.20	Ground Level (m AOD): 125.29	National Grid Co-ordinate: E:445514.7 N:238461.8	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Brown fine to coarse gravelly fine to medium sandy to very sandy SILT. Gravel of angular to subangular ironstone and rare ceramic. (TOPSOIL)	(0.30) 0.30	
						Firm friable light brown fine to coarse gravelly fine to medium sandy silty CLAY. Gravel of angular to subangular ironstone. (MARLSTONE ROCK BED)	(0.70) 1.00	
						Trial pit terminated at 1.00m depth for soakway test.		

Plan (Not to Scale) 		General Remarks 1. No groundwater encountered. 2. Stone infill used for soakaway tests. 3. Trial pit backfilled with arisings upon completion.	
Method Used: Inspection pit + Machine dug		Plant Used: JCB-3CX	
Logged By: BSowden		Checked By: AGS	



TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: SA4
Contract Ref: 252380	Start: 19.05.20 End: 19.05.20	Ground Level (m AOD): 125.08	National Grid Co-ordinate: E:445509.7 N:238456.1	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.70	1	D				Brown fine to coarse gravelly fine to medium sandy SILT. Gravel of angular to subrounded ironstone and rare ceramic. (TOPSOIL)	(0.30)	
						Firm friable orangish brown fine to coarse gravelly fine to coarse sandy CLAY with low to moderate cobble content. Gravel and cobbles of angular to subangular ironstone and limestone. (MARLSTONE ROCK BED)	0.30	
							(0.70)	
						Trial pit terminated at 1.00m depth.	1.00	

Plan (Not to Scale) 		General Remarks 1. No groundwater encountered. 2. Stone infill used for soakaway tests. 3. Trial pit backfilled with arisings upon completion.	
Method Used: Inspection pit + Machine dug		Plant Used: JCB-3CX	
Logged By: BSowden		Checked By: AGS	
All dimensions in metres		Scale: 1:25	

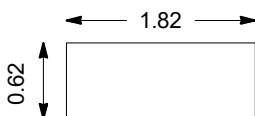


TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: SA5
Contract Ref: 252380	Start: 19.05.20 End: 19.05.20	Ground Level (m AOD): 124.58	National Grid Co-ordinate: E:445506.4 N:238417.0	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Brown fine to coarse gravelly fine to medium sandy SILT. Gravel of angular to subrounded ironstone and rare chert and brick. (TOPSOIL)	0.20	
						Fine friable yellowish brown fine to coarse gravelly fine to coarse sandy CLAY with low cobble content. Gravel and cobbles of angular to subangular limestone and ironstone. (MARLSTONE ROCK BED)	(0.60)	
						Light brown fine to coarse gravelly fine to coarse sandy COBBLES. Gravel and cobbles of angular to subangular limestone and ironstone. (MARLSTONE ROCK BED)	0.80 (0.35)	
						Trial pit terminated at 1.15m depth for soakaway test.	1.15	

Plan (Not to Scale)



General Remarks

1. No groundwater encountered.
2. Stone infill used for soakaway tests.
3. Trial pit backfilled with arisings upon completion.

All dimensions in metres

Scale: **1:25**Method Used: **Inspection pit + Machine dug**Plant Used: **JCB-3CX**Logged By: **BSowden**

Checked By:



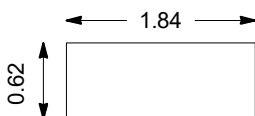


TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: SA6
Contract Ref: 252380	Start: 19.05.20 End: 19.05.20	Ground Level (m AOD): 125.02	National Grid Co-ordinate: E:445501.3 N:238435.1	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Brown fine to coarse gravelly fine to coarse sandy SILT. Gravel of angular to subrounded ironstone with occasional chert and rare glass, bone and ceramic. (MADE GROUND)	0.20	
						Firm friable brown mottled light brown fine to coarse gravelly fine to coarse sandy CLAY with low cobble content. Gravel and cobbles of angular to subangular limestone and ironstone. (MARLSTONE ROCK BED)	(1.05)	
						. . . Below 0.80m moderate cobble content of tabular limestone cobbles.	1.25	
						Trial pit terminated at 1.25m depth for soakaway test.		

Plan (Not to Scale)



General Remarks

1. No groundwater encountered.
2. Stone infill used for soakaway tests.
3. Trial pit backfilled with arisings upon completion.

All dimensions in metres

Scale: **1:25**

Method Used: Inspection pit + Machine dug	Plant Used: JCB-3CX	Logged By: BSowden	Checked By:	
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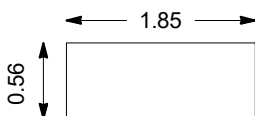


TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: SA11
Contract Ref: 252380	Start: 19.05.20 End: 19.05.20	Ground Level (m AOD): 123.82	National Grid Co-ordinate: E:445559.3 N:238412.2	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Dessicated brown fine to coarse gravelly fine to medium sandy SILT with abundant rootlets. Gravel of angular to subrounded ironstone, limestone and rare chert. (TOPSOIL)	0.15	x o x x x x
						Firm friable brown mottled light brown fine to coarse gravelly fine to medium sandy CLAY with low cobble content. Gravel of angular to subangular limestone and ironstone. (MARLSTONE ROCK BED)	(0.65)	o o o o o o
						Trial pit terminated at 0.80m depth for soakaway test.	0.80	o o o o o o

Plan (Not to Scale)



General Remarks

1. No groundwater encountered.
2. Stone infill used for soakaway tests.
3. Trial pit backfilled with arisings upon completion.

All dimensions in metres

Scale: **1:25**

Method Used:

**Inspection pit +
Machine dug**

Plant Used:

JCB-3CX

Logged By:

BSowden

Checked By:



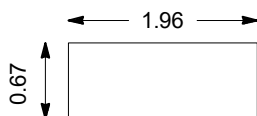


TRIAL PIT LOG

Contract: White Post Road, Bodicote			Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: SA12
Contract Ref: 252380	Start: 22.05.20 End: 22.05.20	Ground Level (m AOD): 121.76	National Grid Co-ordinate: E:445837.4 N:238299.8		Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Brown dessicated slightly fine to coarse gravelly fine to medium sandy SILT. Gravel of subangular to subrounded limestone and rare brick and rare ceramic. (TOPSOIL)	0.20	
						Brown fine to coarse gravelly clayey fine to coarse SAND with low cobble content. Gravel and cobbles of angular to subangular limestone and occasional ironstone. (MARLSTONE ROCK BED)	(0.40) 0.60	
						Yellowish brown fine to coarse gravelly fine to coarse sandy COBBLES. Gravel and cobbles of angular to subangular yellowish brown medium dark limestone with orangish brown weathering and occasional ironstone. (MARLSTONE ROCK BED)	(0.80) 1.40	
						Yellowish brown medium strong fossiliferous LIMESTONE. (MARLSTONE ROCK BED)	1.55	
						Trial pit terminated at 1.55m depth for soakaway test.		

Plan (Not to Scale)



General Remarks

1. No groundwater encountered.
2. Stone infill used for soakaway tests.
3. Trial pit backfilled with arisings upon completion.

All dimensions in metres

Scale: **1:25**

Method Used: Inspection pit + Machine dug	Plant Used: JCB-3CX	Logged By: BSowden	Checked By:	
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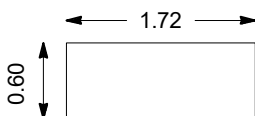


TRIAL PIT LOG

Contract: White Post Road, Bodicote			Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: SA13
Contract Ref: 252380	Start: 21.05.20 End: 21.05.20	Ground Level (m AOD): 121.87	National Grid Co-ordinate: E:445792.3 N:238296.5		Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Brown slightly fine to coarse gravelly fine to medium sandy slightly clayey SILT. Gravel of angular to subrounded limestone and rare chert. (TOPSOIL)	(0.60)	
						Firm friable brown fine to coarse gravelly fine to medium sandy CLAY with low cobble content. Gravel and cobbles of angular to subangular limestone and ironstone. (MARLSTONE ROCK BED)	0.60 (0.60)	
						Slightly orangish brown fine to coarse gravelly fine to coarse sandy COBBLES. Gravel and cobbles of angular to subangular limestone and occasional ironstone. (MARLSTONE ROCK BED)	1.20 (0.40)	
						Trial pit terminated at 1.60m depth for soakaway test.	1.60	

Plan (Not to Scale)



General Remarks

1. No groundwater encountered.
2. Stone infill used for soakaway tests.
3. Trial pit backfilled with arisings upon completion.

All dimensions in metres

Scale: **1:25**

Method Used:

**Inspection pit +
Machine dug**

Plant Used:

JCB-3CX

Logged By:

BSowden

Checked By:



Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: SA14
Contract Ref: 252380	Start: 21.05.20 End: 21.05.20	Ground Level (m AOD): 122.96	National Grid Co-ordinate: E:445814.8 N:238409.8	Sheet: 1 of 1

GINT LIBRARY_V10_01.GLB LibVersion: v8.07_001 PriVersion: v8.07 | Log TRIAL PIT LOG - A4P | 252380-BODICOTE-SOAKAWAYS.GPJ - v10_01:
RISK Environment Ltd, Abbey Park, Humber Road, Coventry, CV3 4AQ. Tel: 02476 505600. Fax: 02476 501417. Web: www.risk.co.uk | 29/06/20 - 17:05 | JS12 |

Plan (Not to Scale)		General Remarks	
<p>A diagram showing a rectangular pit. The width is labeled as 1.68 and the depth is labeled as 0.48.</p>		<ol style="list-style-type: none"> 1. No groundwater encountered. 2. Stone infill used for soakaway tests. 3. Trial pit backfilled with arisings upon completion. 	
		All dimensions in metres	Scale: 1:25
Method Used:	Inspection pit + Machine dug	Plant Used:	JCB-3CX
		Logged By:	B Sowden
		Checked By:	

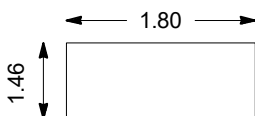


TRIAL PIT LOG

Contract: White Post Road, Bodicote			Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: SA15
Contract Ref: 252380	Start: 21.05.20 End: 21.05.20	Ground Level (m AOD): 122.88	National Grid Co-ordinate: E:445795.4 N:238416.9		Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Brown fine to coarse slightly gravelly fine to medium sandy clayey SILT. Gravel of subangular to subrounded iron rich sandstone. (TOPSOIL)	0.20	
						Stiff fissured slightly reddish brown fine to coarse gravelly fine to medium sandy CLAY with low cobble content. Gravel and cobbles of angular to subangular ironstone and limestone. (MARLSTONE ROCK BED)	(0.50)	
						Yellowish brown fine to coarse gravelly fine to coarse sandy COBBLES. Gravel and cobbles of angular to subangular limestone and ironstone. (MARLSTONE ROCK BED)	0.70	
							(0.50)	
							1.20	
						Trial pit terminated at 1.20m depth for soakway test.		

Plan (Not to Scale)



General Remarks

1. No groundwater encountered.
2. Stone infill used for soakaway tests.
3. Trial pit backfilled with arisings upon completion.

All dimensions in metres

Scale: **1:25**Method Used: **Inspection pit + Machine dug**Plant Used: **JCB-3CX**Logged By: **BSowden**

Checked By:





TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: SUD1
Contract Ref: 252380	Start: 22.06.20 End: 22.06.20	Ground Level (m AOD): 122.41	National Grid Co-ordinate: E:445472.1 N:238256.6	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Brown fine to coarse sandy fine to coarse gravelly clay of fine to coarse COBBLES. Gravel and cobbles are angular to subangular tabular yellowish brown medium strong fossiliferous LIMESTONE. (MARLSTONE ROCK BED)	(0.90)	
						Trial pit terminated at 0.90m depth for soakway test.	0.90	

Plan (Not to Scale) 		General Remarks 1. No groundwater encountered. 2. Stone infill used for soakaway tests. 3. Trial pit backfilled with arisings upon completion.		
Method Used: Machine dug		Plant Used: JCB-3CX		Logged By: BSowden
All dimensions in metres		Scale: 1:25		
Checked By:		AGS		



TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: SUD2
Contract Ref: 252380	Start: 20.05.20 End: 20.05.20	Ground Level (m AOD): 121.67	National Grid Co-ordinate: E:445555.6 N:238256.5	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Brown fine to coarse gravelly fine to medium sandy SILT. Gravel of fine to coarse subangular to subrounded ironstone and limestone. Contains rootlets. (TOPSOIL)	(0.30)	
						Firm friable brown reddish orangish brown fine to coarse gravelly fine to coarse sandy to very sandy CLAY. Gravel of angular to subangular ironstone and limestone. (MARLSTONE ROCK BED)	(0.35)	
						Trial pit terminated at 0.65m depth for soakaway test.	0.65	

Plan (Not to Scale) 		General Remarks 1. No groundwater encountered. 2. Stone infill used for soakaway tests. 3. Trial pit backfilled with arisings upon completion.	
Method Used: Inspection pit + Machine dug		Plant Used: JCB-3CX	
Logged By: BSowden		Checked By: AGS	



TRIAL PIT LOG

Contract: White Post Road, Bodicote			Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: SUD3
Contract Ref: 252380	Start: 20.05.20 End: 20.05.20	Ground Level (m AOD): 119.67	National Grid Co-ordinate: E:445617.2 N:238241.6		Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.80	1	D				Brown slightly fine to coarse gravelly fine to medium sandy SILT. Gravel of subrounded oolitic grey limestone. Contains abundant rootlets. (TOPSOIL)	(0.60)	
						Firm to stiff greyish brown mottled grey slightly fine to medium gravelly silty CLAY. Gravel of angular to subangular extremely weak mudstone. (DYRHAM FORMATION)	0.60	
						Trial pit terminated at 1.20m depth for soakaway test.	1.20	

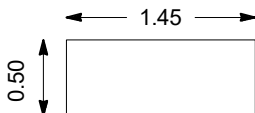
Plan (Not to Scale) 			General Remarks 1. No groundwater encountered. 2. Stone infill used for soakaway tests. 3. Trial pit backfilled with arisings upon completion.		
All dimensions in metres			Scale: 1:25		
Method Used: Inspection pit + Machine dug	Plant Used: JCB-3CX	Logged By: BSowden	Checked By:		



TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: SUD4
Contract Ref: 252380	Start: 22.06.20 End: 22.06.20	Ground Level (m AOD): 116.50	National Grid Co-ordinate: E:445666.0 N:238219.0	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Brown fine to medium sandy fine to coarse gravelly SILT with abundant rootlets. Gravel is subangular to subrounded limestone and ironstone. (TOPSOIL)	0.25	
						Brown silty gravelly clayey medium to coarse SAND. Gravel is fine to coarse limestone. (MARLSTONE ROCK BED)	(0.85)	
							1.10	
						Trial pit terminated at 1.10m depth for soakaway test.		

Plan (Not to Scale) 		General Remarks 1. No groundwater encountered. 2. Stone infill used for soakaway tests. 3. Trial pit backfilled with arisings upon completion.	
Method Used: Machine dug		Plant Used: JCB-3CX	
Logged By: BSowden		Checked By: AGS	



TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: SUD4b
Contract Ref: 252380	Start: 20.05.20 End: 20.05.20	Ground Level (m AOD): 118.33	National Grid Co-ordinate: E:445677.4 N:238321.6	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
1.50	1	D				Brown fine to medium sandy to very sandy SILT with occasional fine to coarse mudstone gravel. Contains rootlets.	(0.40)	
						Firm brownish grey fine to coarse very sandy CLAY. (DYRHAM FORMATION)	0.40	
						Firm greenish grey fine sandy silty CLAY. (DYRHAM FORMATION)	(0.80)	
							1.20	
							(1.40)	
							2.60	
Trial pit terminated at 2.60m depth for soakway testing.								

Plan (Not to Scale)		General Remarks		
		1. No groundwater encountered. 2. Stone infill used for soakaway tests. 3. Trial pit backfilled with arisings upon completion.		
All dimensions in metres		Scale: 1:25		
Method Used: Inspection pit + Machine dug	Plant Used: JCB-3CX	Logged By: BSowden	Checked By:	

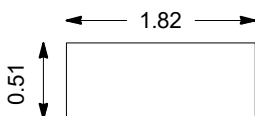


TRIAL PIT LOG

Contract: White Post Road, Bodicote			Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: SUD5
Contract Ref: 252380	Start: 20.05.20 End: 20.05.20	Ground Level (m AOD): 116.66	National Grid Co-ordinate: E:445708.1 N:238183.9		Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
1.20	1	D				Brown fissured slightly fine to coarse gravelly slightly fine to medium sandy clayey SILT. Gravel of subangular to subrounded chest and rare brick. (TOPSOIL)	(0.40)	
						Firm to stiff brown mottled and light yellowish and greyish brown fine to medium sandy CLAY. (DYRHAM FORMATION)	(0.30)	
						Light grey and light orangish brown silty fine to medium SAND with occasional to extremely weak sandstone gravel. (DYRHAM FORMATION)	0.70	
						... Below 1.40m gravelly.	(1.60)	
						Trial pit terminated at 2.30m depth for soakaway test.	2.30	

Plan (Not to Scale)



General Remarks

1. No groundwater encountered.
2. Stone infill used for soakaway tests.
3. Trial pit backfilled with arisings upon completion.

All dimensions in metres

Scale: **1:25**

Method Used: Inspection pit + Machine dug	Plant Used: JCB-3CX	Logged By: BSowden	Checked By: AGS
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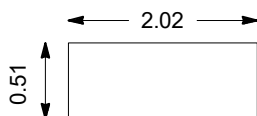


TRIAL PIT LOG

Contract: White Post Road, Bodicote		Client: Barratt Homes Mercia & David Wilson Home		Trial Pit: SUD6
Contract Ref: 252380	Start: 20.05.20 End: 20.05.20	Ground Level (m AOD): 115.25	National Grid Co-ordinate: E:445676.2 N:238124.0	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
						Dark brown slightly fine to coarse gravelly fine to medium sandy SILT with abundant rootlets. Gravel of angular to subrounded mudstone, ironstone and rare ceramic. (TOPSOIL)	(0.30) 0.30	
						Firm friable slightly reddish brown slightly fine to coarse gravelly fine to medium sandy to very sandy CLAY. Gravel of subangular to subrounded ironstone and yellowish brown sandstone. (DYRHAM FORMATION)	(1.80) 2.10	
						Trial pit terminated at 2.10m depth for soakaway test.		

Plan (Not to Scale)



General Remarks

1. No groundwater encountered.
2. Stone infill used for soakaway tests.
3. Trial pit backfilled with arisings upon completion.

All dimensions in metres

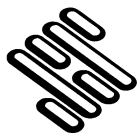
Scale: **1:25**

Method Used:	Inspection pit + Machine dug	Plant Used:	JCB-3CX	Logged By:	BSowden	Checked By:	
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APPENDIX D

IN-SITU TEST CERTIFICATES



STRUCTURAL SOILS LTD

INSITU TESTING REPORT



1774

Report No. 749466R.01(01)

Date 29-June-2020 Contract Wykham Lane, Banbury

Client RSK Environment Ltd
Address Spring Lodge
172 Chester Road
Helsby
Cheshire
WA6 0AR

For the Attention of Mark Steward

Order received	15-May-2020	Client Reference	None
Testing Started	19-May-2020	Client Order No.	252380
Testing Completed	23-June-2020	Instruction Type	Written

Tests marked 'Not UKAS Accredited' in this report are not included in the UKAS Accreditation Schedule for our Laboratory.

UKAS Accredited Tests

Not UKAS Accredited Tests

39no. Soakaway tests carried out at locations specified by the client.

The results represent the ground conditions at the specified locations and depths at the time of testing.

Please Note: Remaining samples will be retained for a period of one month from today and will then be disposed of.

Test were undertaken on samples 'as received' unless otherwise stated.

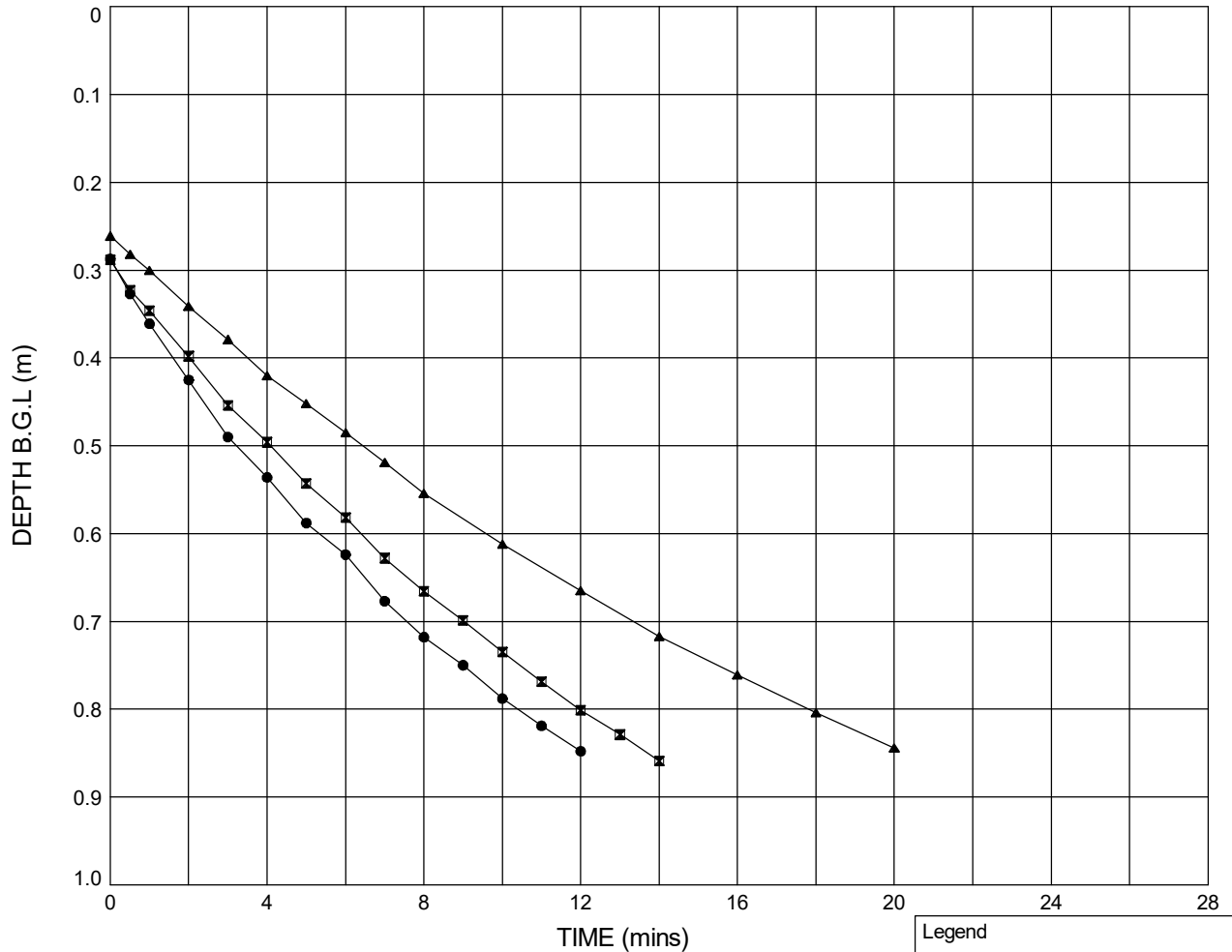
Opinions and interpretations expressed in this report are outside the scope of accreditation for this laboratory.

FULL SCALE SOAKAWAY TEST

In accordance with BRE Digest 365

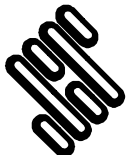
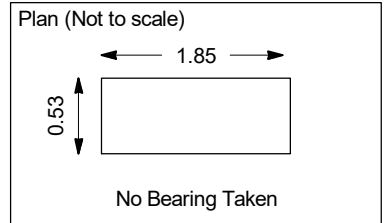
Soakaway Test - Position ID : IB1

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 1.00	1.00	1.01	m
Pit final depth:	= 1.00	1.01	1.01	m
Effective depth, D_e	= 0.71	0.72	0.74	m
Effective storage volume, V_{p75-25}	= 0.3495	0.3515	0.3628	m^3
Surface area, a_{p50}	= 2.6774	2.6870	2.7417	m^2
Time, t_{p75-25}	= 509	574	827	secs
Infiltration rate, f	= 2.56×10^{-4}	2.28×10^{-4}	1.60×10^{-4}	m/s

Legend		
●	Test 1	(22.05.20)
■	Test 2	(22.05.20)
▲	Test 3	(22.05.20)



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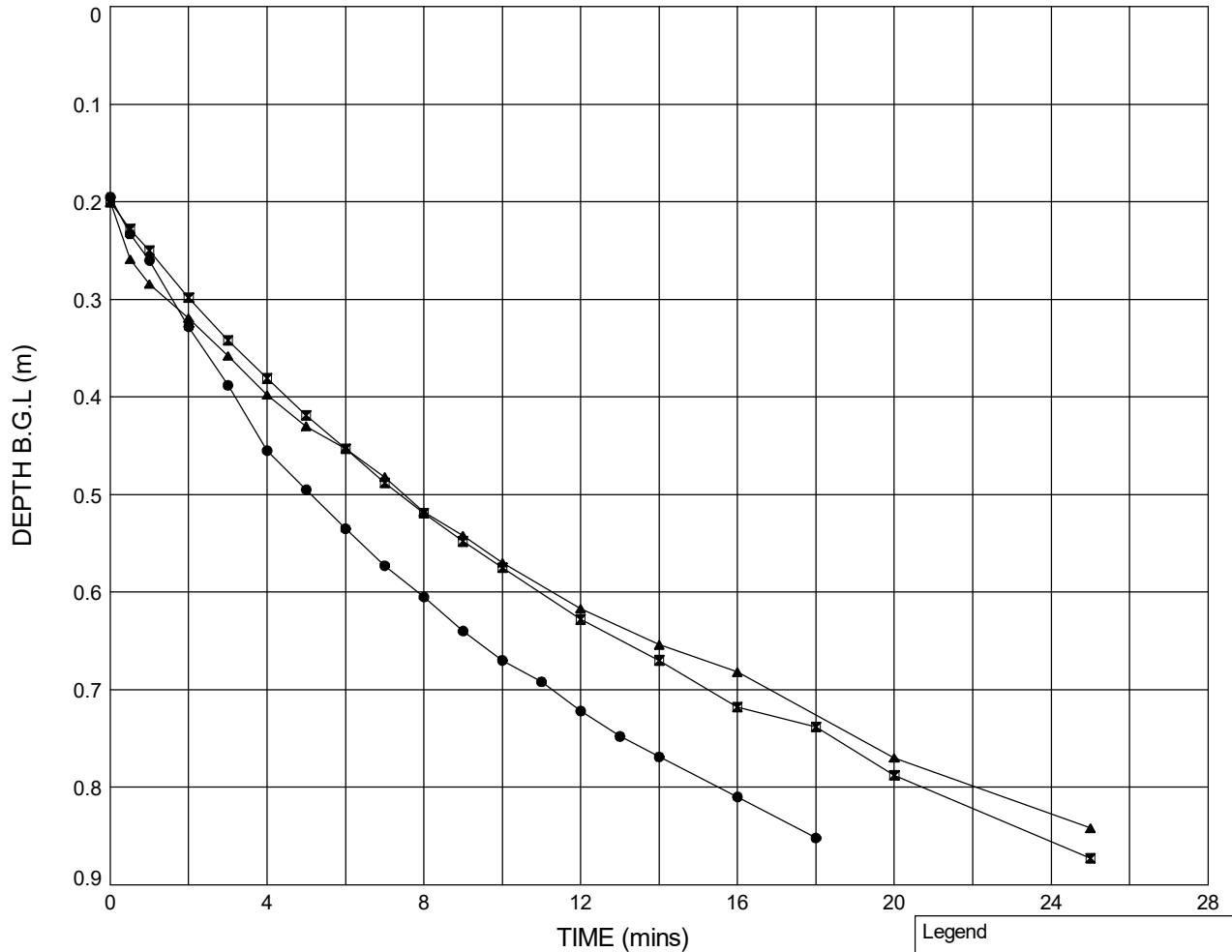
Compiled By	Date	Checked By	Date
[REDACTED]	03/06/20	[REDACTED]	03/06/20
Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

In accordance with BRE Digest 365

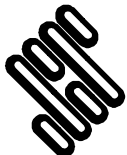
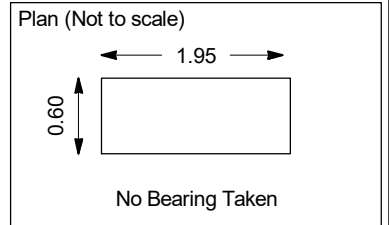
Soakaway Test - Position ID : IB2

Plot of Depth of Water Below Ground Level Against Time



	Test 1	Test 2	Test 3	
Pit start depth:	= 0.89	0.89	0.89	m
Pit final depth:	= 0.89	0.89	0.89	m
Effective depth, D_e	= 0.69	0.69	0.69	m
Effective storage volume, V_{p75-25}	= 0.4037	0.4025	0.4025	m^3
Surface area, a_{p50}	= 2.9295	2.9244	2.9244	m^2
Time, t_{p75-25}	= 542	729	852	secs
Infiltration rate, f	= 2.54×10^{-4}	1.89×10^{-4}	1.62×10^{-4}	m/s

Legend		
●	Test 1	(26.05.20)
■	Test 2	(26.05.20)
▲	Test 3	(26.05.20)



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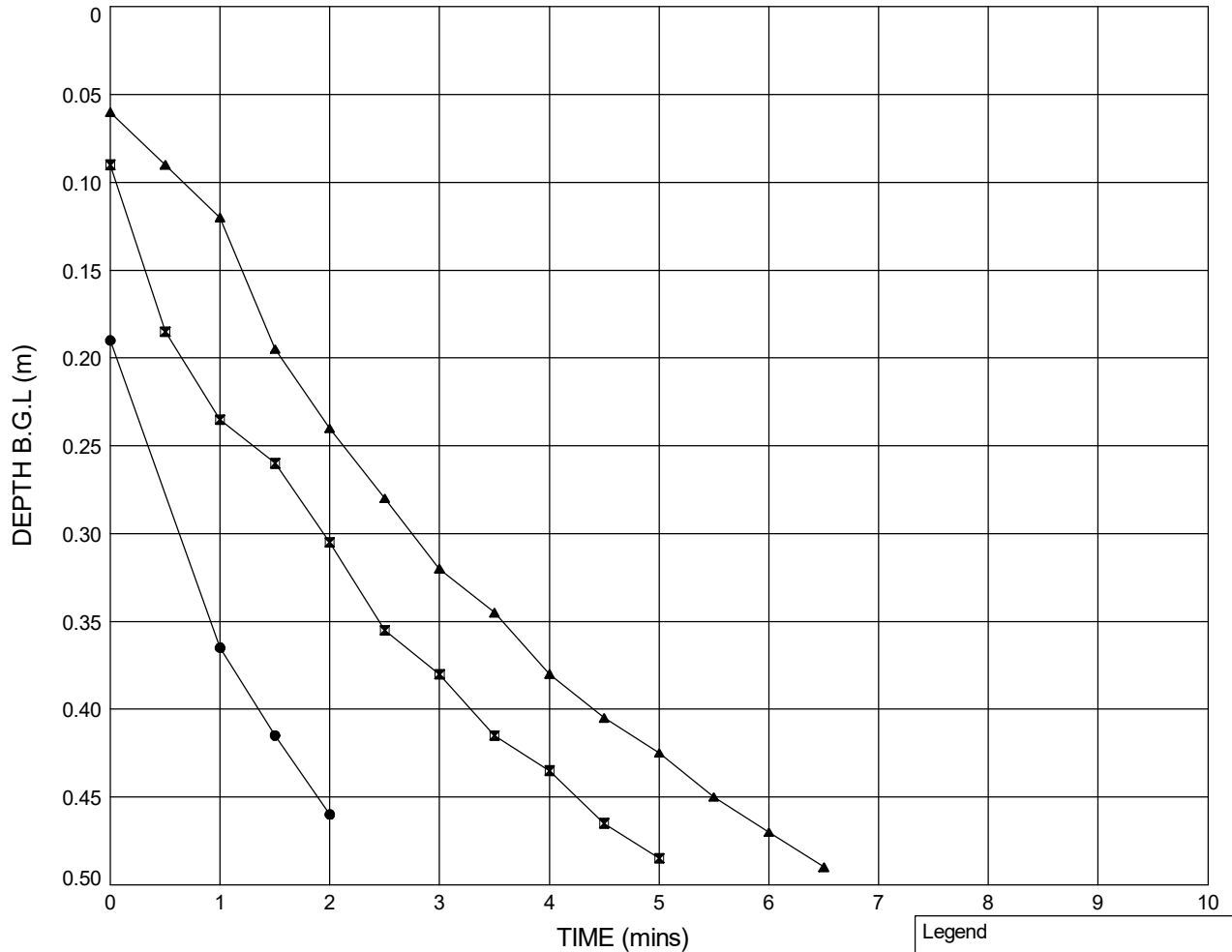
Compiled By	Date	Checked By	Date
[Redacted]	05/06/20	[Redacted]	09/06/20
Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

In accordance with BRE Digest 365

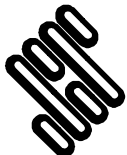
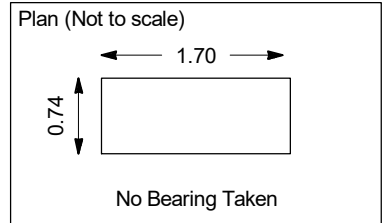
Soakaway Test - Position ID : **IB3**

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 0.53	0.53	0.53	m
Pit final depth:	= 0.53	0.53	0.53	m
Effective depth, D_e	= 0.34	0.44	0.47	m
Effective storage volume, V_{p75-25}	= 0.2139	0.2768	0.2956	m ³
Surface area, a_{p50}	= 2.0876	2.3316	2.4048	m ²
Time, t_{p75-25}	= 81	178	198	secs
Infiltration rate, f	= 1.26×10^{-3}	6.67×10^{-4}	6.21×10^{-4}	m/s

Legend		
●	Test 1	(22.05.20)
⊠	Test 2	(22.05.20)
▲	Test 3	(22.05.20)



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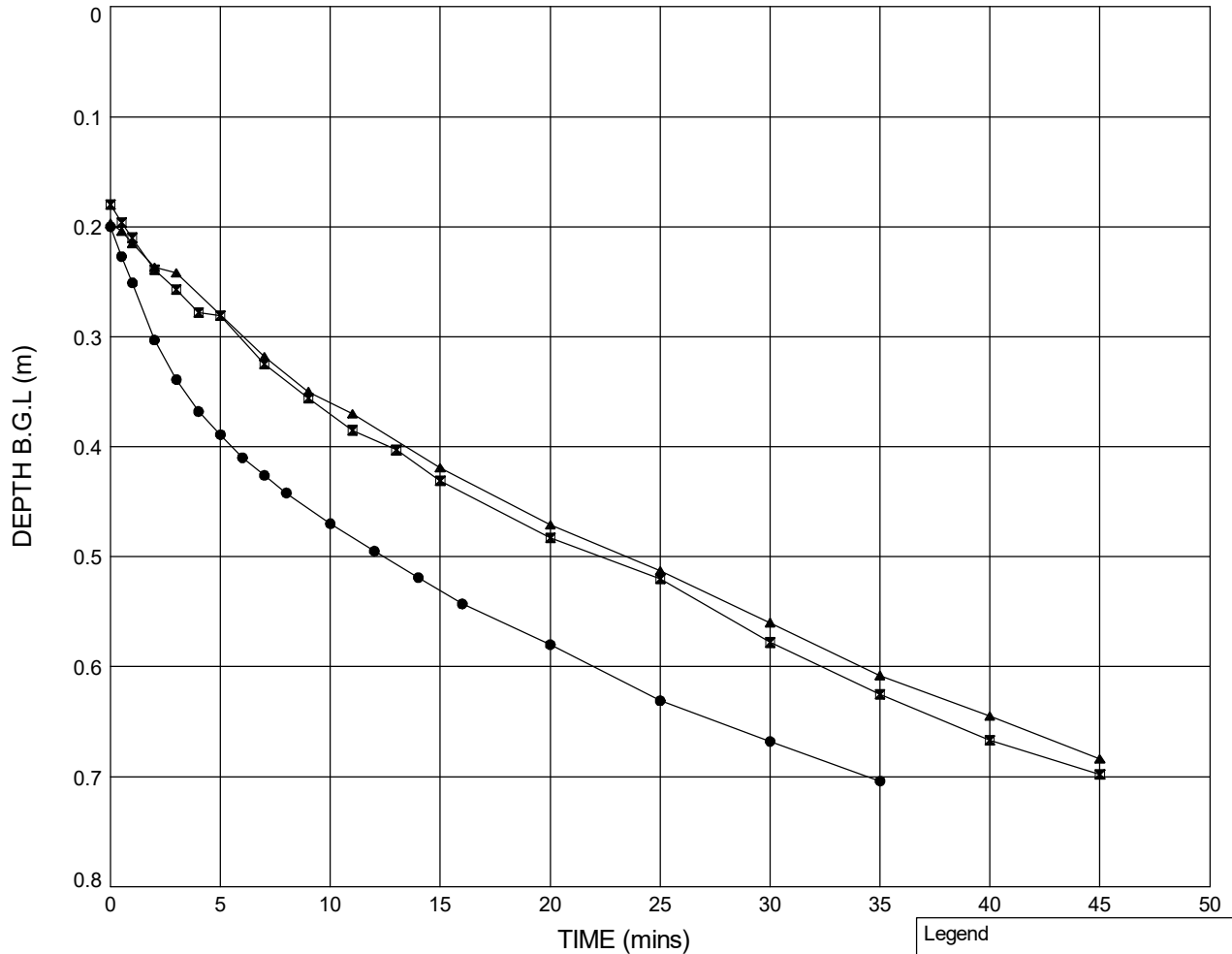
Compiled By	Date	Checked By	Date
[REDACTED]	03/06/20	[REDACTED]	03/06/20
Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

In accordance with BRE Digest 365

Soakaway Test - Position ID : **IB4**

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME

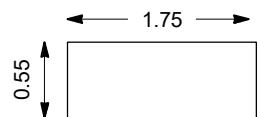


	Test 1	Test 2	Test 3	
Pit start depth:	= 0.75	0.75	0.75	m
Pit final depth:	= 0.75	0.75	0.75	m
Effective depth, D_e	= 0.55	0.57	0.56	m
Effective storage volume, V_{p75-25}	= 0.2647	0.2743	0.2681	m ³
Surface area, a_{p50}	= 2.2275	2.2735	2.2436	m ²
Time, t_{p75-25}	= 1213	1575	1667	secs
Infiltration rate, f	= 9.80×10^{-5}	7.66×10^{-5}	7.17×10^{-5}	m/s

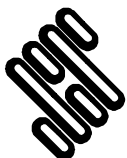
Legend

- Test 1 (26.05.20)
- Test 2 (26.05.20)
- ▲ Test 3 (26.05.20)

Plan (Not to scale)



No Bearing Taken



STRUCTURAL SOILS
1a Princess Street
Bedminster
Bristol
BS3 4AG

Compiled By

Date

Checked By

Date

09/06/20

09/06/20

Contract

Wykham Lane, Banbury

Contract Ref:

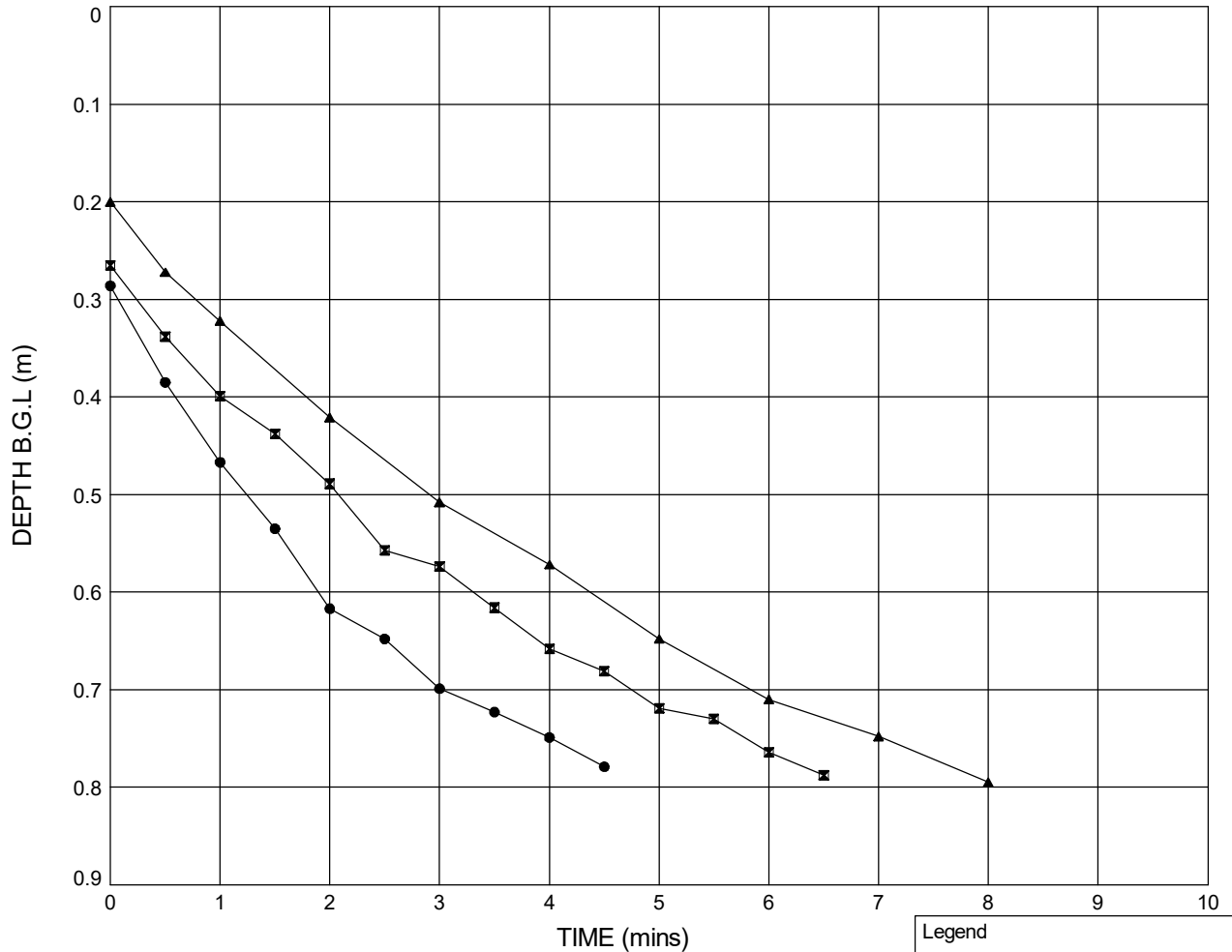
749466

FULL SCALE SOAKAWAY TEST

In accordance with BRE Digest 365

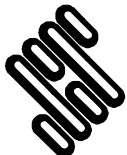
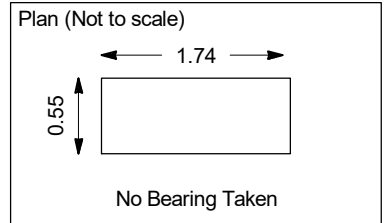
Soakaway Test - Position ID : **IB5**

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 0.80	0.80	0.80	m
Pit final depth:	= 0.80	0.80	0.84	m
Effective depth, D_e	= 0.50	0.54	0.64	m
Effective storage volume, V_{p75-25}	= 0.2371	0.2556	0.3035	m ³
Surface area, a_{p50}	= 2.0908	2.1799	2.4107	m ²
Time, t_{p75-25}	= 118	194	248	secs
Infiltration rate, f	= 9.61×10^{-4}	6.04×10^{-4}	5.08×10^{-4}	m/s

Legend		
●	Test 1	(26.05.20)
■	Test 2	(26.05.20)
▲	Test 3	(26.05.20)



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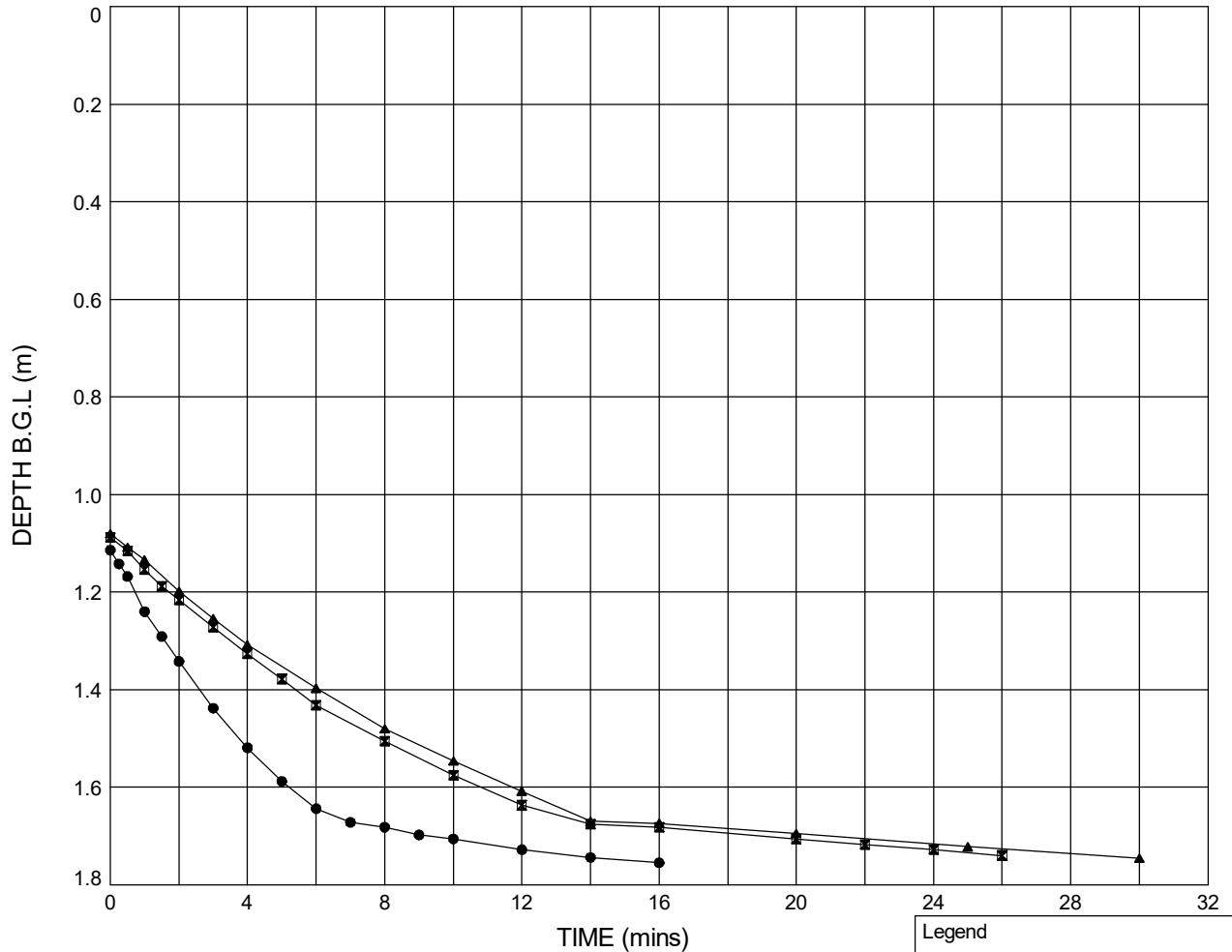
Compiled By	Date	Checked By	Date
[REDACTED]	03/06/20	[REDACTED]	03/06/20
Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

In accordance with BRE Digest 365

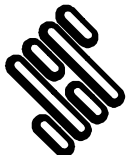
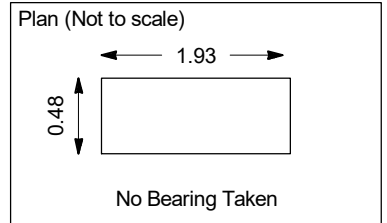
Soakaway Test - Position ID : **IB7**

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 1.76	1.76	1.76	m
Pit final depth:	= 1.76	1.76	1.76	m
Effective depth, D_e	= 0.64	0.67	0.68	m
Effective storage volume, V_{p75-25}	= 0.2969	0.3103	0.3140	m ³
Surface area, a_{p50}	= 2.4712	2.5411	2.5604	m ²
Time, t_{p75-25}	= 227	468	507	secs
Infiltration rate, f	= 5.29×10^{-4}	2.61×10^{-4}	2.42×10^{-4}	m/s

Legend		
●	Test 1	(29.05.20)
■	Test 2	(29.05.20)
▲	Test 3	(29.05.20)



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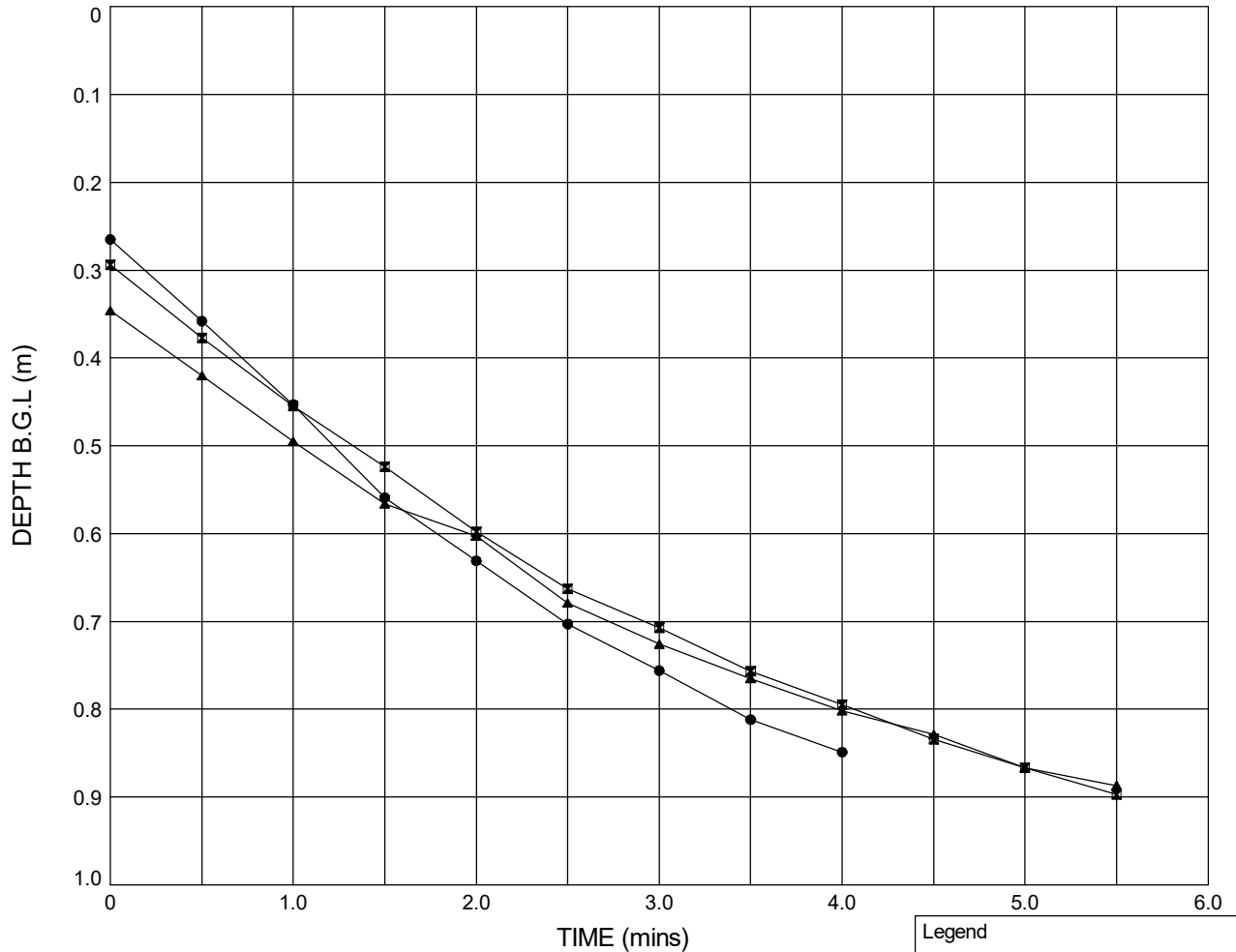
Compiled By	Date	Checked By	Date
[REDACTED]	05/06/20	[REDACTED]	09/06/20
Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

In accordance with BRE Digest 365

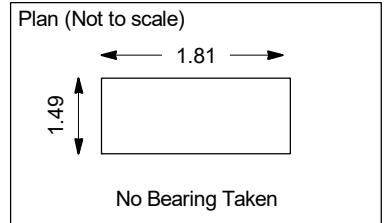
Soakaway Test - Position ID : **IB8**

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 1.00	1.00	1.01	m
Pit final depth:	= 1.00	1.01	1.01	m
Effective depth, D_e	= 0.74	0.71	0.66	m
Effective storage volume, V_{p75-25}	= 0.3226	0.3134	0.8897	m^3
Surface area, a_{p50}	= 2.5647	2.5165	4.8691	m^2
Time, t_{p75-25}	= 154	199	214	secs
Infiltration rate, f	= 8.17×10^{-4}	6.26×10^{-4}	8.54×10^{-4}	m/s

Legend		
●	Test 1	(29.05.20)
■	Test 2	(29.05.20)
▲	Test 3	(29.05.20)



STRUCTURAL SOILS
1a Princess Street
Bedminster
Bristol
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Compiled By

Date

Checked By

Date

01/06/20

03/06/20

Contract

Wykham Lane, Banbury

Contract Ref:

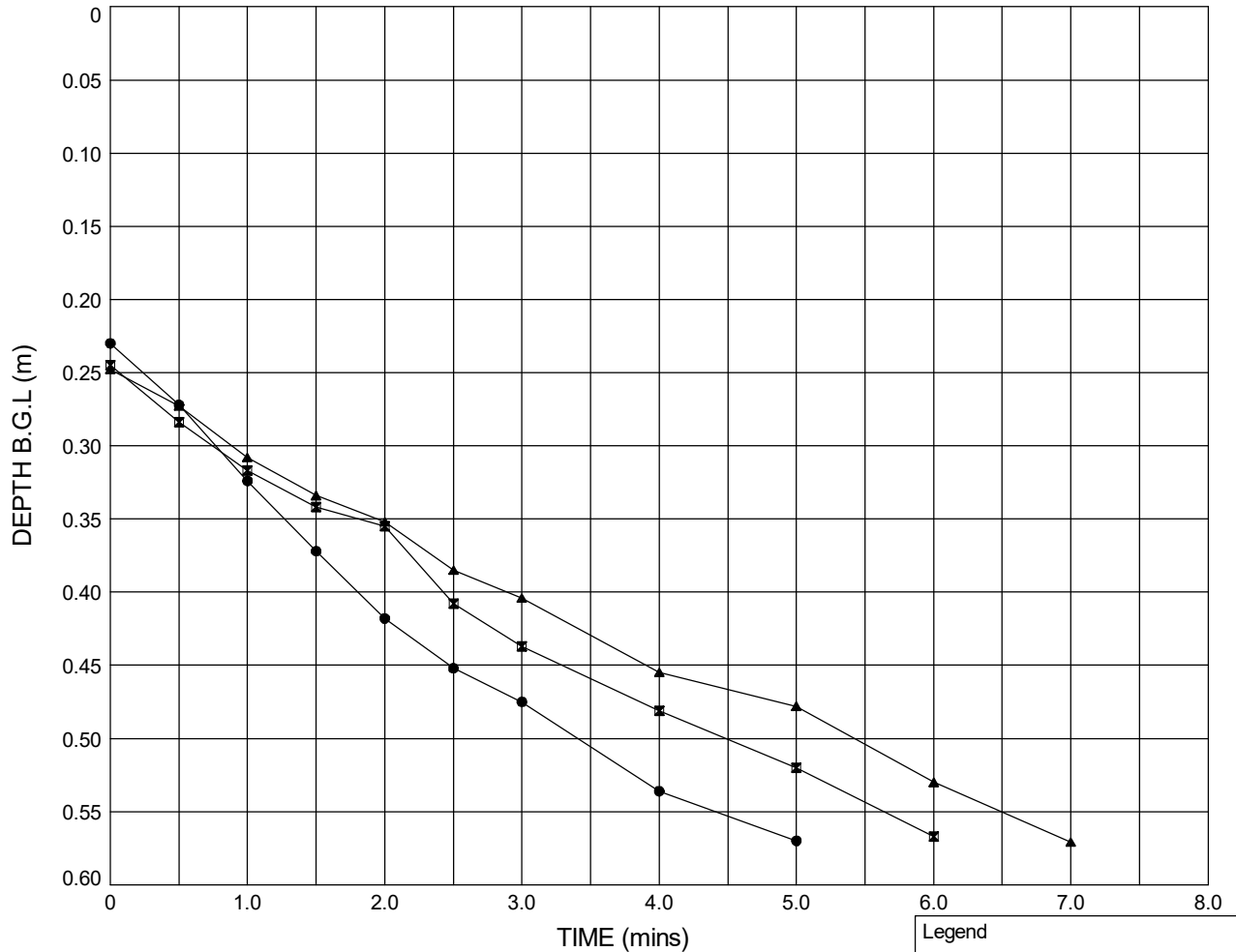
749466

FULL SCALE SOAKAWAY TEST

In accordance with BRE Digest 365

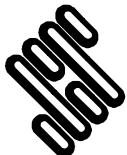
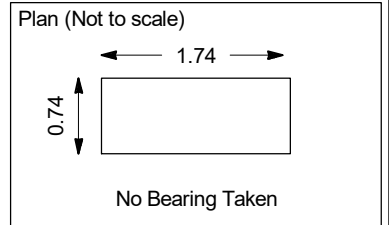
Soakaway Test - Position ID : **IB9**

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 0.58	0.58	0.58	m
Pit final depth:	= 0.58	0.58	0.58	m
Effective depth, D_e	= 0.35	0.34	0.33	m
Effective storage volume, V_{p75-25}	= 0.2253	0.2157	0.2137	m^3
Surface area, a_{p50}	= 2.1556	2.1184	2.1110	m^2
Time, t_{p75-25}	= 141	189	235	secs
Infiltration rate, f	= 7.41×10^{-4}	5.39×10^{-4}	4.31×10^{-4}	m/s

Legend		
●	Test 1	(27.05.20)
■	Test 2	(27.05.20)
▲	Test 3	(27.05.20)



STRUCTURAL SOILS
1a Princess Street
Bedminster
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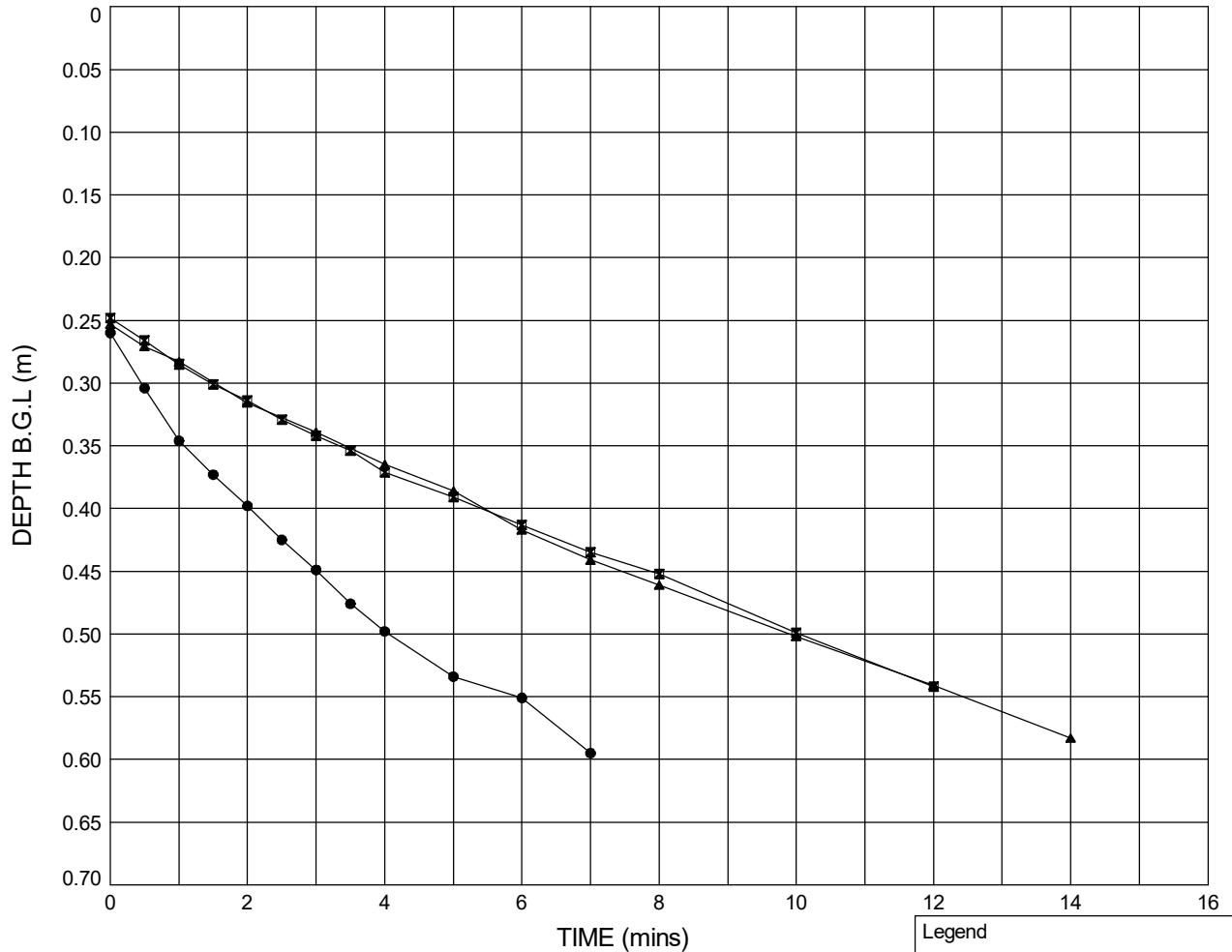
Compiled By	Date	Checked By	Date
[REDACTED]	09/06/20	[REDACTED]	09/06/20
Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

In accordance with BRE Digest 365

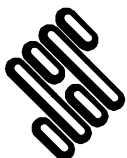
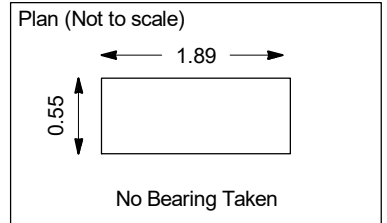
Soakaway Test - Position ID : **IB10**

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 0.60	0.60	0.61	m
Pit final depth:	= 0.60	0.61	0.61	m
Effective depth, D_e	= 0.34	0.36	0.35	m
Effective storage volume, V_{p75-25}	= 0.1763	0.1835	0.1819	m^3
Surface area, a_{p50}	= 1.8617	1.8957	1.8884	m^2
Time, t_{p75-25}	= 212	478	465	secs
Infiltration rate, f	= 4.47×10^{-4}	2.02×10^{-4}	2.07×10^{-4}	m/s

Legend		
●	Test 1	(26.05.20)
■	Test 2	(26.05.20)
▲	Test 3	(26.05.20)



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1a Princess Street
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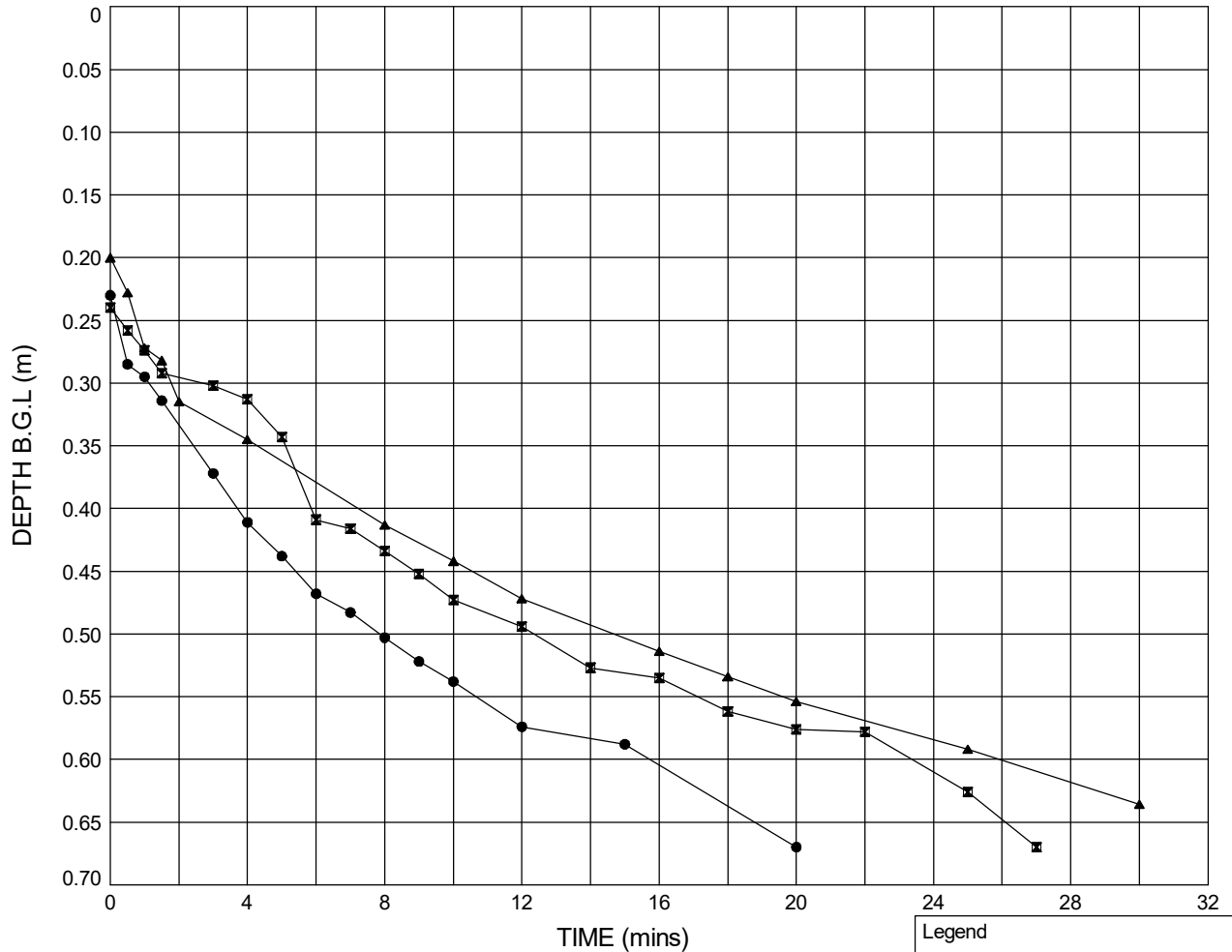
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[REDACTED]	03/06/20	[REDACTED]	03/06/20
Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

In accordance with BRE Digest 365

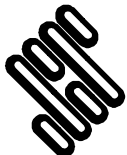
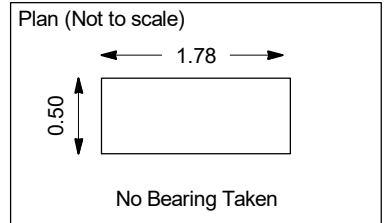
Soakaway Test - Position ID : IB11

Plot of Depth of Water Below Ground Level Against Time



	Test 1	Test 2	Test 3	
Pit start depth:	= 0.68	0.68	0.68	m
Pit final depth:	= 0.68	0.68	0.68	m
Effective depth, D_e	= 0.45	0.44	0.48	m
Effective storage volume, V_{p75-25}	= 0.2003	0.1958	0.2136	m^3
Surface area, a_{p50}	= 1.9160	1.8932	1.9844	m^2
Time, t_{p75-25}	= 564	843	1107	secs
Infiltration rate, f	= 4.85×10^{-4}	1.23×10^{-4}	9.72×10^{-5}	m/s

Legend		
●	Test 1	(27.05.20)
■	Test 2	(27.05.20)
▲	Test 3	(27.05.20)



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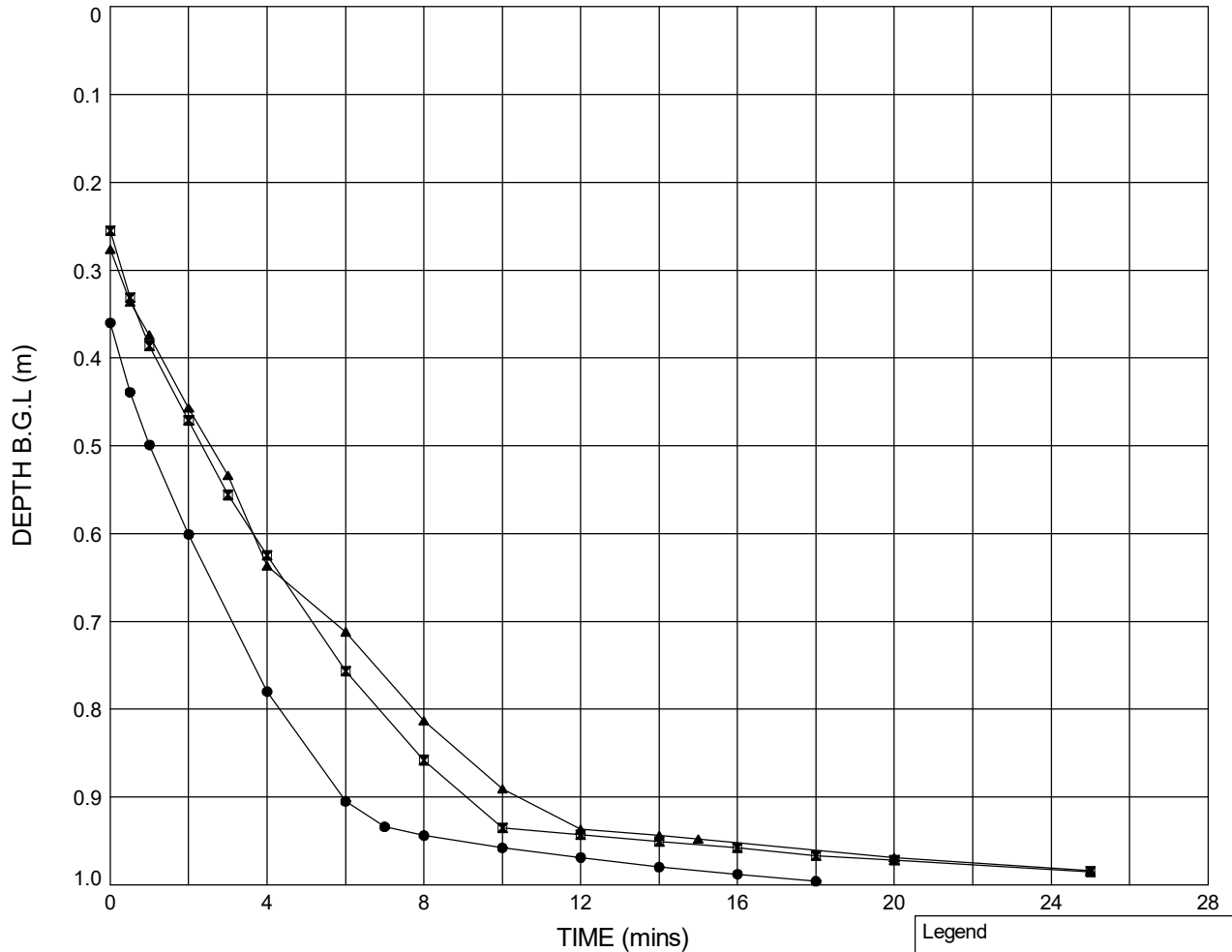
Compiled By	Date	Checked By	Date
[Redacted]	09/06/20	[Redacted]	09/06/20
Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

In accordance with BRE Digest 365

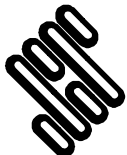
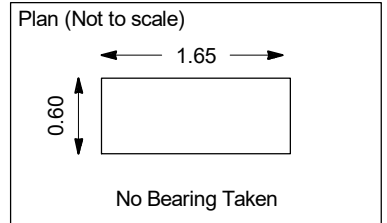
Soakaway Test - Position ID : IT1

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 1.01	1.01	1.01	m
Pit final depth:	= 1.01	1.01	1.03	m
Effective depth, D_e	= 0.65	0.76	0.75	m
Effective storage volume, V_{p75-25}	= 0.3218	0.3737	0.3732	m ³
Surface area, a_{p50}	= 2.4525	2.6888	2.6865	m ²
Time, t_{p75-25}	= 231	335	398	secs
Infiltration rate, f	= 2.68×10^{-4}	4.15×10^{-4}	3.49×10^{-4}	m/s

Legend		
●	Test 1	(19.05.20)
■	Test 2	(19.05.20)
▲	Test 3	(19.05.20)



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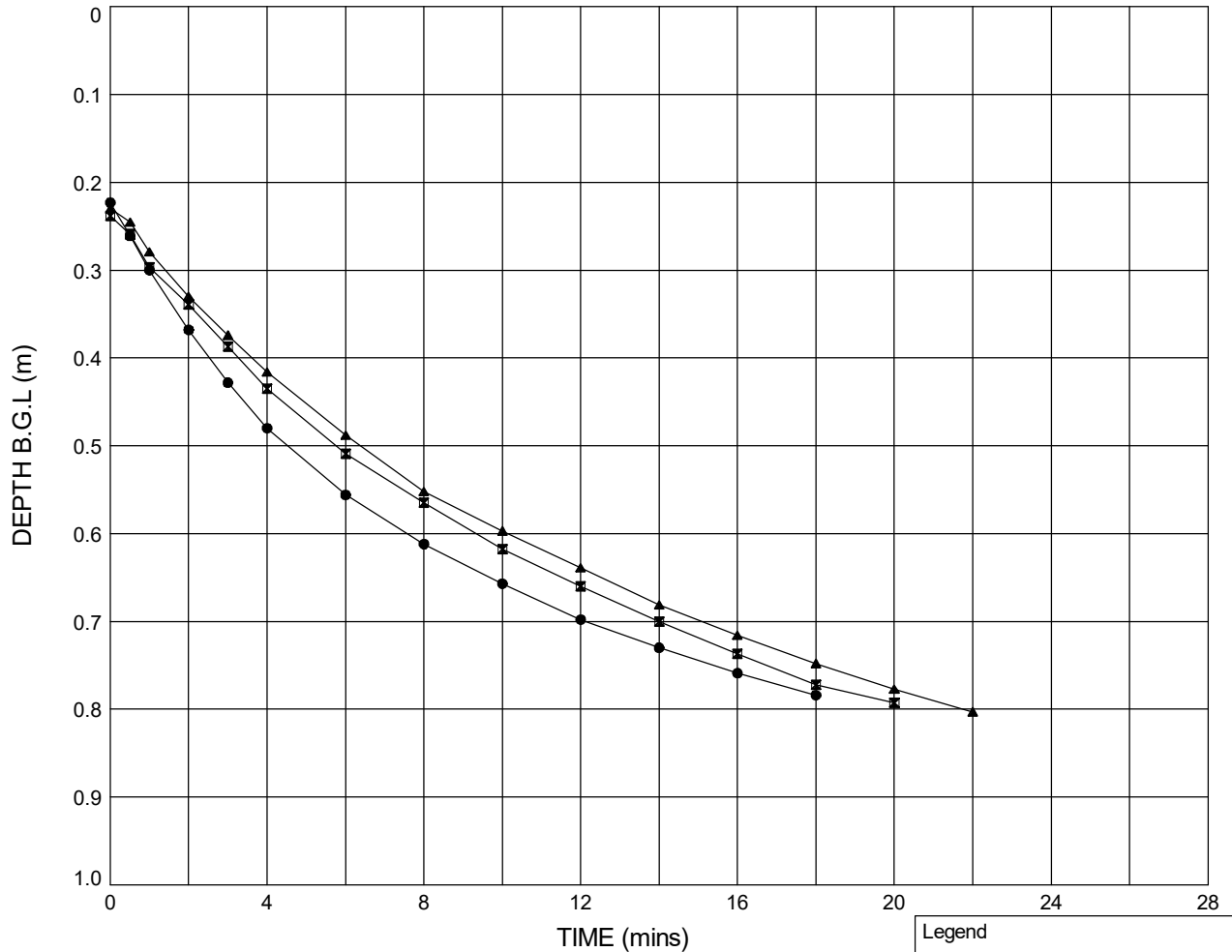
Compiled By	Date	Checked By	Date
[REDACTED]	27/05/20	[REDACTED]	03/06/20
Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

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Soakaway Test - Position ID : IT2

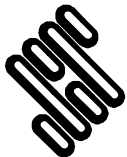
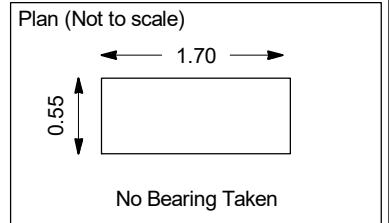
PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 0.96	0.98	0.99	m
Pit final depth:	= 0.98	0.99	0.99	m
Effective depth, D_e	= 0.75	0.75	0.76	m
Effective storage volume, V_{p75-25}	= 0.3516	0.3492	0.3544	m^3
Surface area, a_{p50}	= 2.6270	2.6158	2.6405	m^2
Time, t_{p75-25}	= 931	1003	1053	secs
Infiltration rate, f	= 1.44×10^{-4}	1.33×10^{-4}	1.27×10^{-4}	m/s

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

Legend		
●	Test 1	(19.05.20)
■	Test 2	(19.05.20)
▲	Test 3	(19.05.20)



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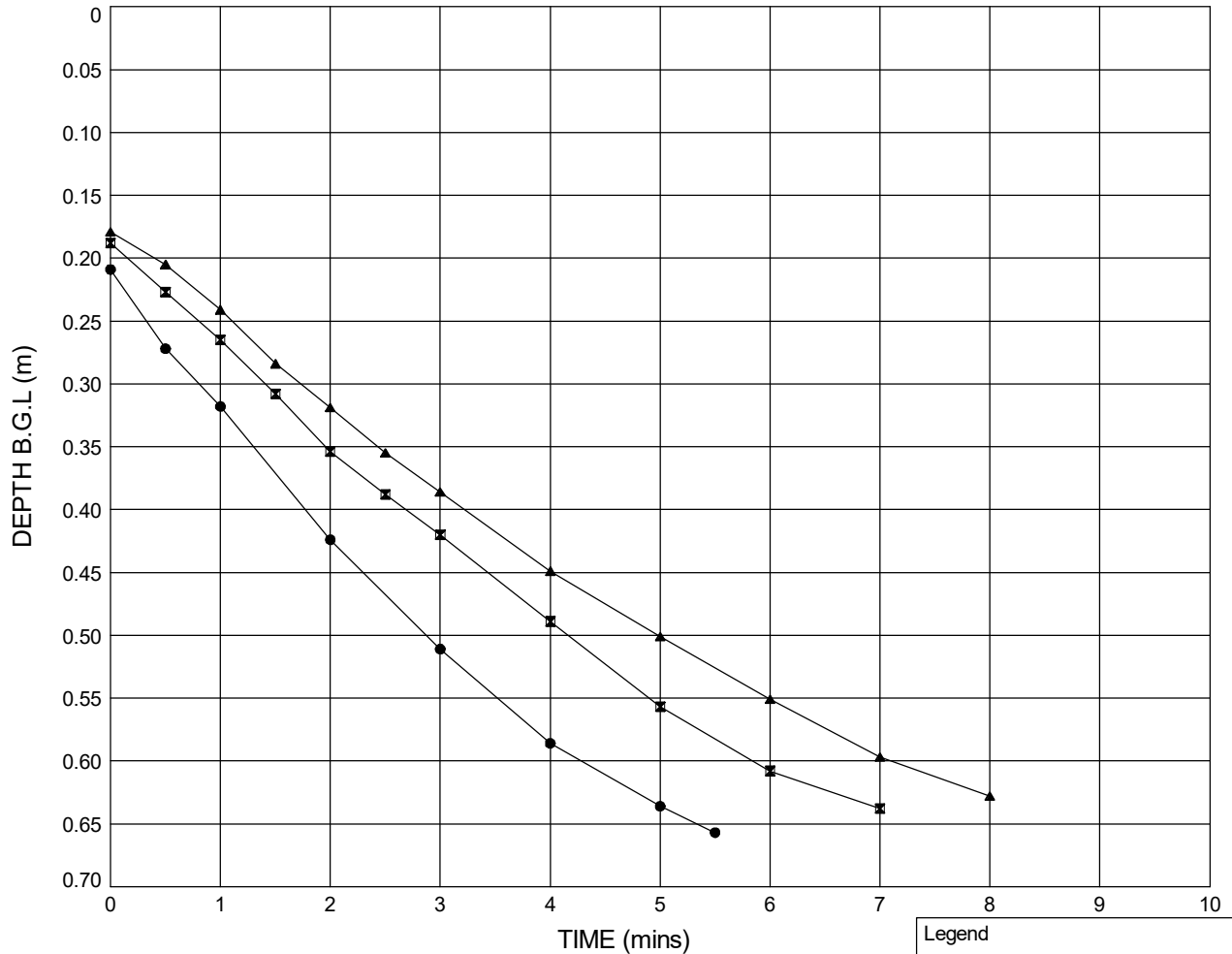
Compiled By	Date	Checked By	Date
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Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

In accordance with BRE Digest 365

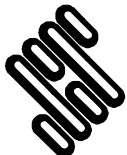
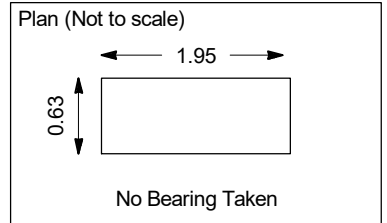
Soakaway Test - Position ID : IT3

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 0.67	0.66	0.66	m
Pit final depth:	= 0.66	0.66	0.66	m
Effective depth, D_e	= 0.45	0.47	0.48	m
Effective storage volume, V_{p75-25}	= 0.2770	0.2899	0.2955	m^3
Surface area, a_{p50}	= 2.3921	2.4463	2.4695	m^2
Time, t_{p75-25}	= 147	198	244	secs
Infiltration rate, f	= 7.88×10^{-4}	5.99×10^{-4}	4.90×10^{-4}	m/s

Legend		
●	Test 1	(20.05.20)
■	Test 2	(20.05.20)
▲	Test 3	(20.05.20)



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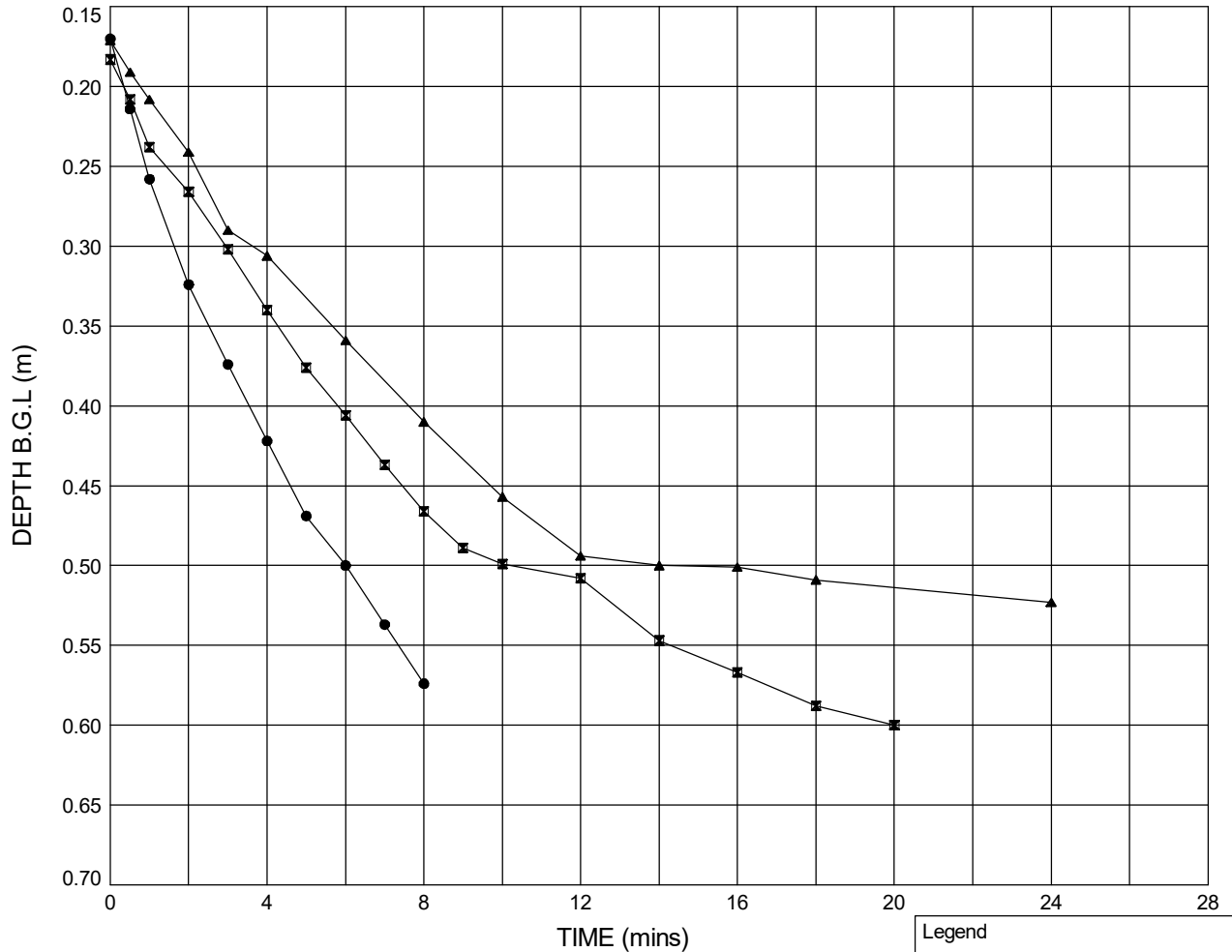
Compiled By	Date	Checked By	Date
[Redacted]	27/05/20	[Redacted]	03/06/20
Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

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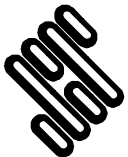
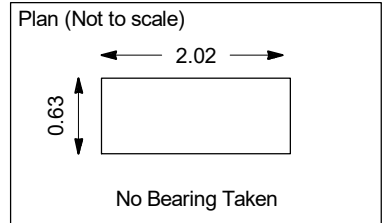
Soakaway Test - Position ID : IT4

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	=	0.60	0.61	0.61 m
Pit final depth:	=	0.61	0.61	0.61 m
Effective depth, D_e	=	0.44	0.42	0.43 m
Effective storage volume, V_{p75-25}	=	0.2768	0.2672	0.2749 m ³
Surface area, a_{p50}	=	2.4254	2.3856	2.4174 m ²
Time, t_{p75-25}	=	274	437	573 secs
Infiltration rate, f	=	4.17×10^{-4}	2.56×10^{-4}	1.98×10^{-4} m/s

Legend		
●	Test 1	(20.05.20)
■	Test 2	(20.05.20)
▲	Test 3	(20.05.20)



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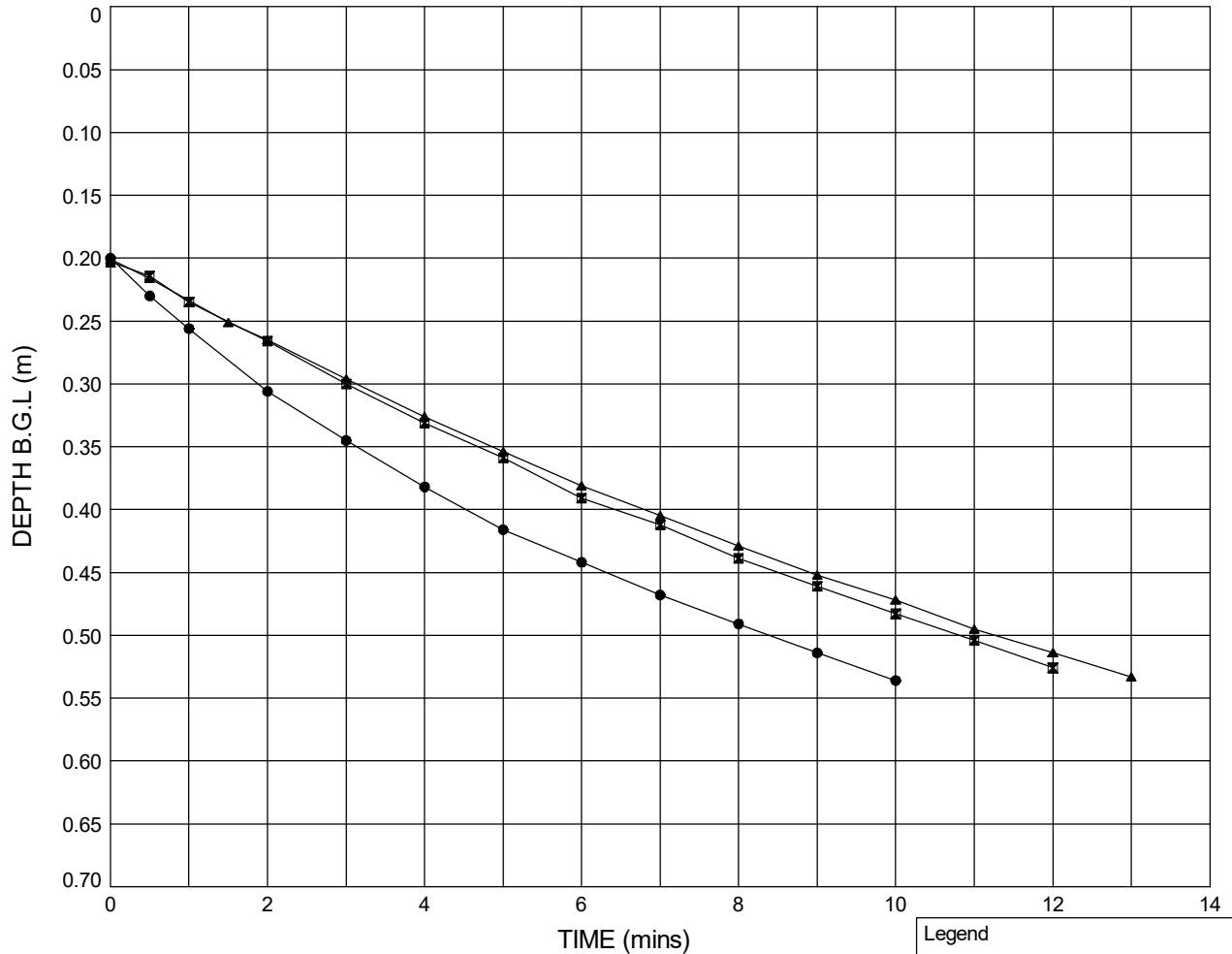
Compiled By	Date	Checked By	Date
[REDACTED]	03/06/20	[REDACTED]	03/06/20
Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

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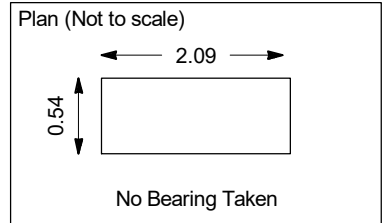
Soakaway Test - Position ID : IT5

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 0.61	0.62	0.62	m
Pit final depth:	= 0.62	0.62	0.63	m
Effective depth, D_e	= 0.42	0.41	0.43	m
Effective storage volume, V_{p75-25}	= 0.2364	0.2336	0.2421	m ³
Surface area, a_{p50}	= 2.2306	2.2174	2.2569	m ²
Time, t_{p75-25}	= 422	493	543	secs
Infiltration rate, f	= 2.51×10^{-4}	2.14×10^{-4}	1.98×10^{-4}	m/s

Legend		
●	Test 1	(20.05.20)
■	Test 2	(20.05.20)
▲	Test 3	(20.05.20)



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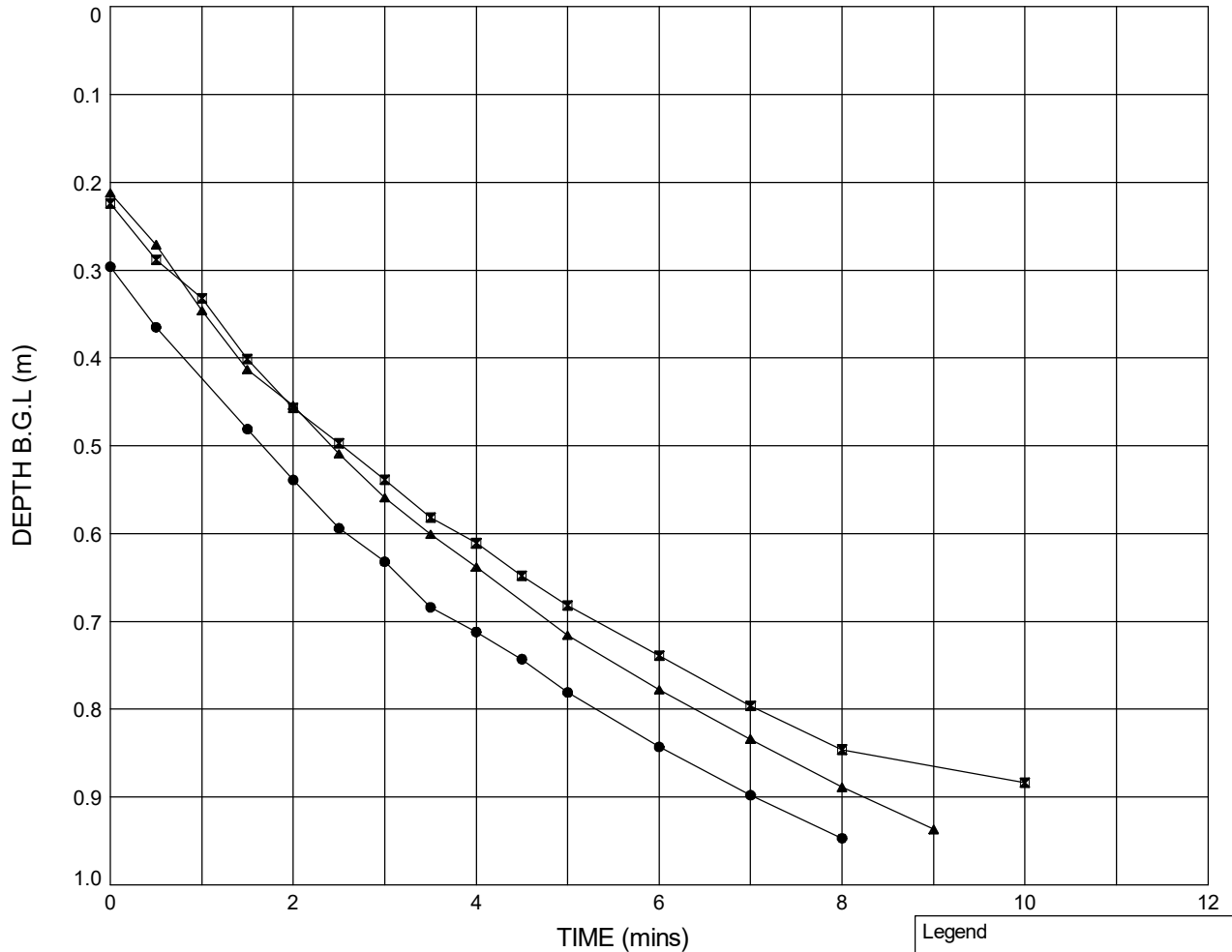
Compiled By	Date	Checked By	Date
[REDACTED]	01/06/20	[REDACTED]	03/06/20
Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

In accordance with BRE Digest 365

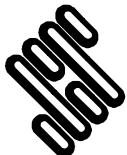
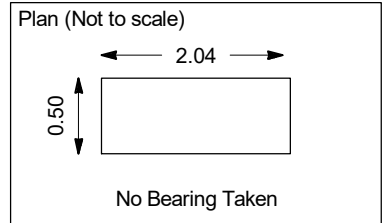
Soakaway Test - Position ID : IT6

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 0.98	0.98	0.98	m
Pit final depth:	= 0.98	0.98	0.99	m
Effective depth, D_e	= 0.69	0.76	0.77	m
Effective storage volume, V_{p75-25}	= 0.3504	0.3866	0.3947	m^3
Surface area, a_{p50}	= 2.7650	2.9453	2.9860	m^2
Time, t_{p75-25}	= 246	319	289	secs
Infiltration rate, f	= 5.15×10^{-4}	4.11×10^{-4}	4.57×10^{-4}	m/s

Legend		
●	Test 1	(20.05.20)
■	Test 2	(20.05.20)
▲	Test 3	(20.05.20)



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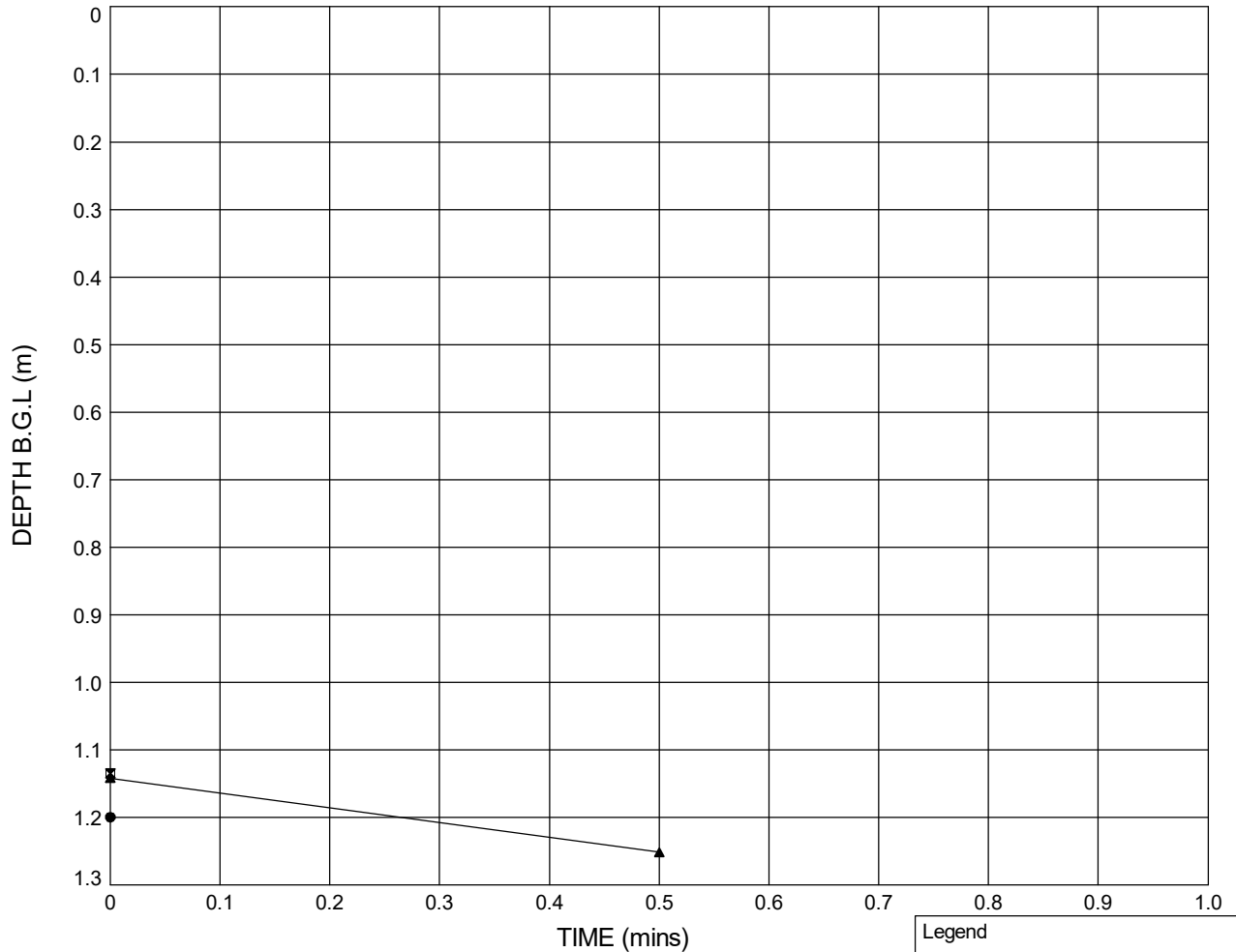
Compiled By	Date	Checked By	Date
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Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

In accordance with BRE Digest 365

Soakaway Test - Position ID : IT7

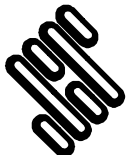
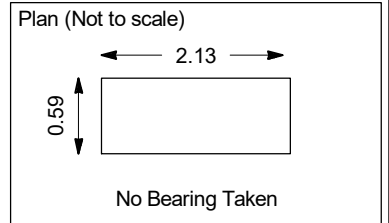
PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 1.28	1.28	1.28	m
Pit final depth:	= 1.28	1.28	1.28	m
Effective depth, D_e	= 0.08	0.15	0.14	m
Effective storage volume, V_{p75-25}	= 0.0503	0.0911	0.0880	m ³
Surface area, a_{p50}	= 1.4743	1.6511	1.6375	m ²
Time, t_{p75-25}	= N/A	N/A	19	secs
Infiltration rate, f	= N/A	N/A	2.83×10^{-3}	m/s

Notes: Test 1 - Unable to calculate infiltration rate due to rapid draining of pits., Test 2 - Unable to calculate infiltration rate due to rapid draining of pits.

Legend		
●	Test 1	(20.05.20)
■	Test 2	(20.05.20)
▲	Test 3	(20.05.20)



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01/06/20

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Contract

Wykham Lane, Banbury

Contract Ref:

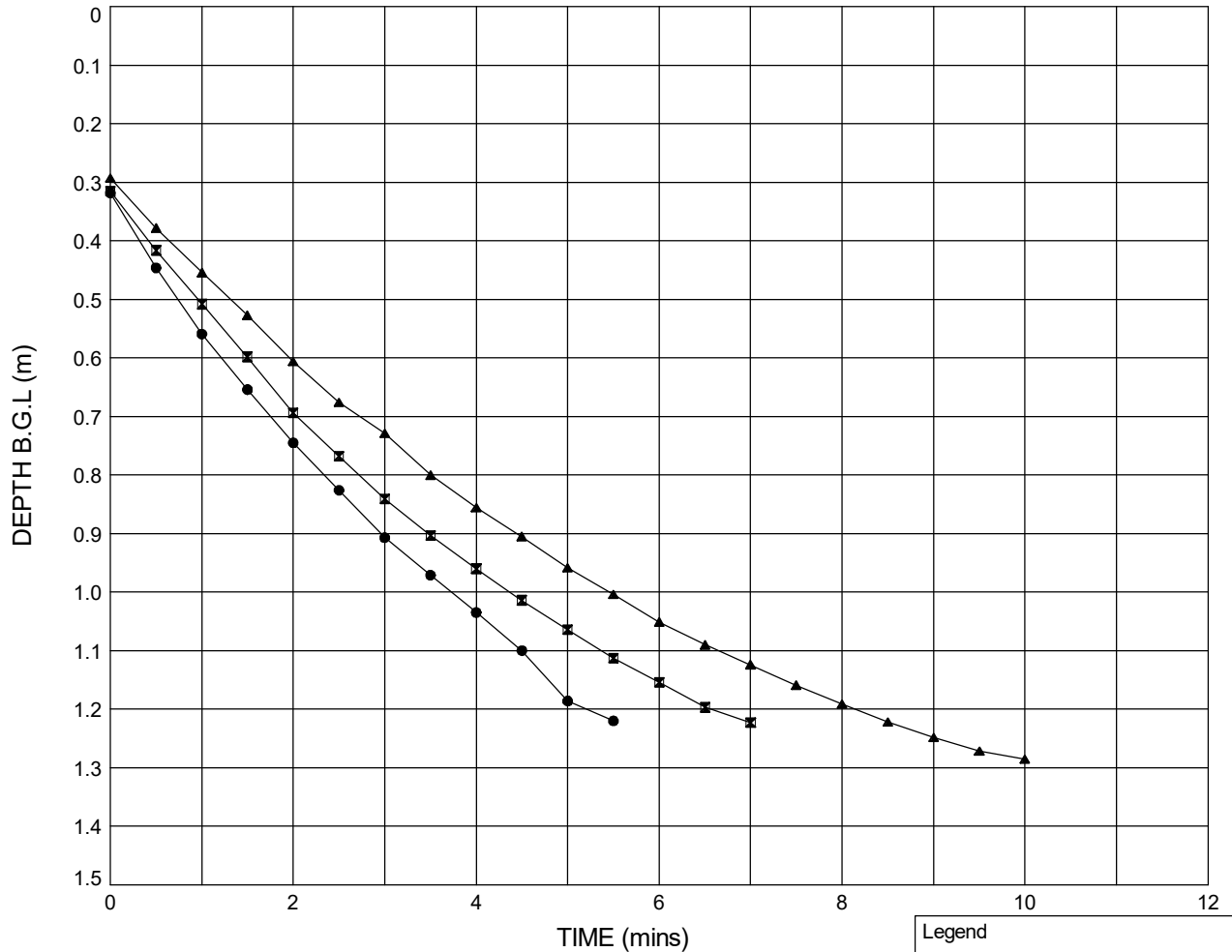
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FULL SCALE SOAKAWAY TEST

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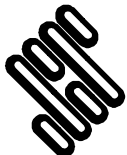
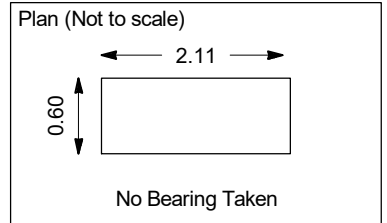
Soakaway Test - Position ID : IT8

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 1.40	1.40	1.40	m
Pit final depth:	= 1.40	1.40	1.40	m
Effective depth, D_e	= 1.08	1.09	1.11	m
Effective storage volume, V_{p75-25}	= 0.6833	0.6864	0.7003	m^3
Surface area, a_{p50}	= 4.1898	4.2033	4.2628	m^2
Time, t_{p75-25}	= 211	257	315	secs
Infiltration rate, f	= 7.73×10^{-4}	6.35×10^{-4}	5.22×10^{-4}	m/s

Legend		
●	Test 1	(21.05.20)
■	Test 2	(21.05.20)
▲	Test 3	(20.05.20)



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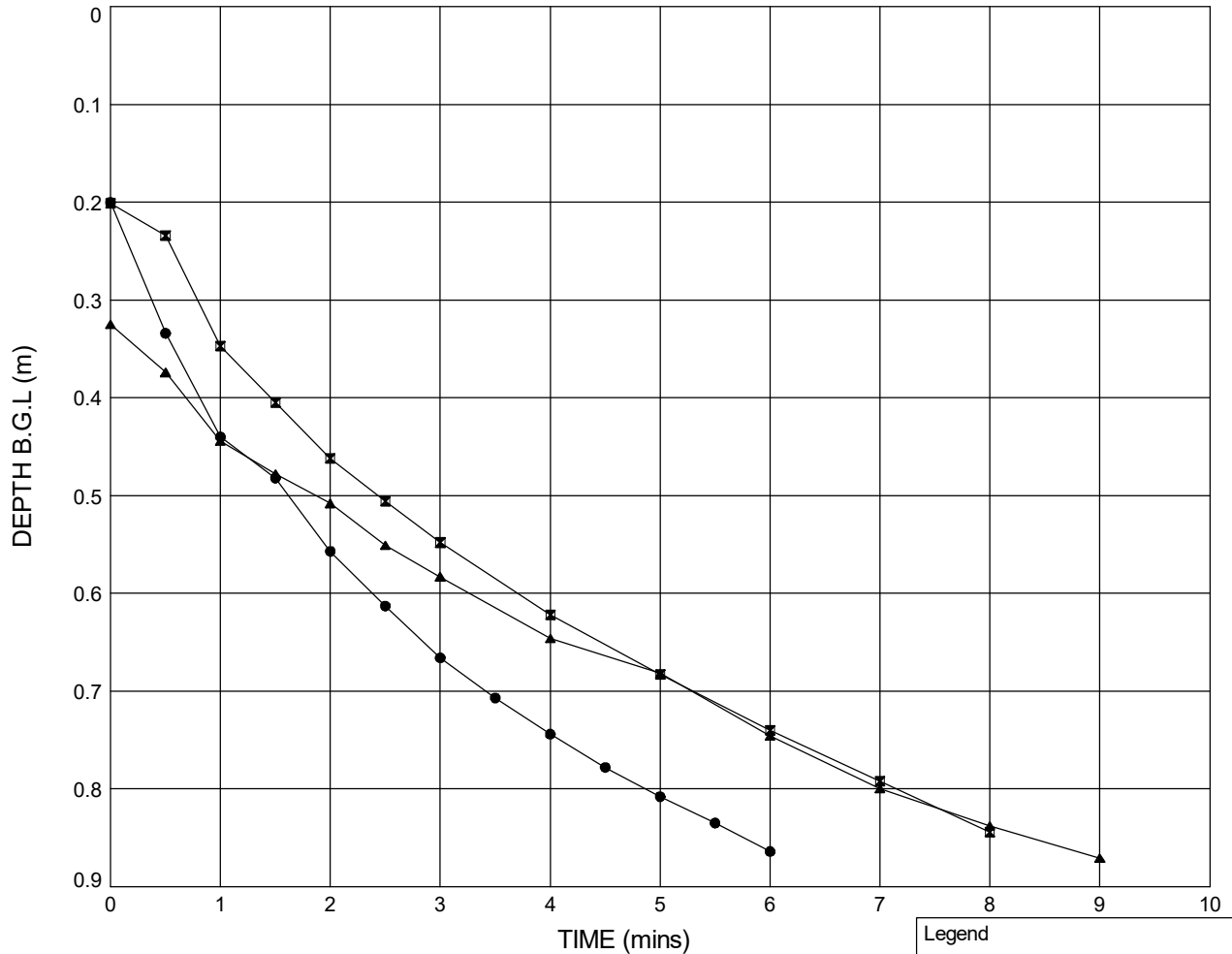
Compiled By	Date	Checked By	Date
[Redacted]	27/05/20	[Redacted]	03/06/20
Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

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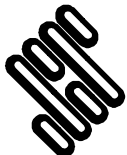
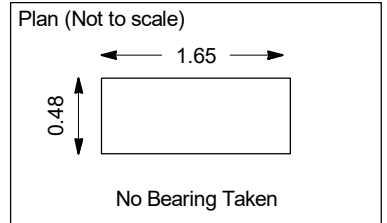
Soakaway Test - Position ID : IT9

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	=	0.87	0.87	0.88 m
Pit final depth:	=	0.87	0.88	0.88 m
Effective depth, D_e	=	0.67	0.68	0.55 m
Effective storage volume, V_{p75-25}	=	0.2669	0.2673	0.2182 m ³
Surface area, a_{p50}	=	2.2276	0.2298	1.9656 m ²
Time, t_{p75-25}	=	169	254	276 secs
Infiltration rate, f	=	7.09×10^{-4}	4.72×10^{-4}	4.02×10^{-4} m/s

Legend		
●	Test 1	(01.06.20)
■	Test 2	(01.06.20)
▲	Test 3	(01.06.20)



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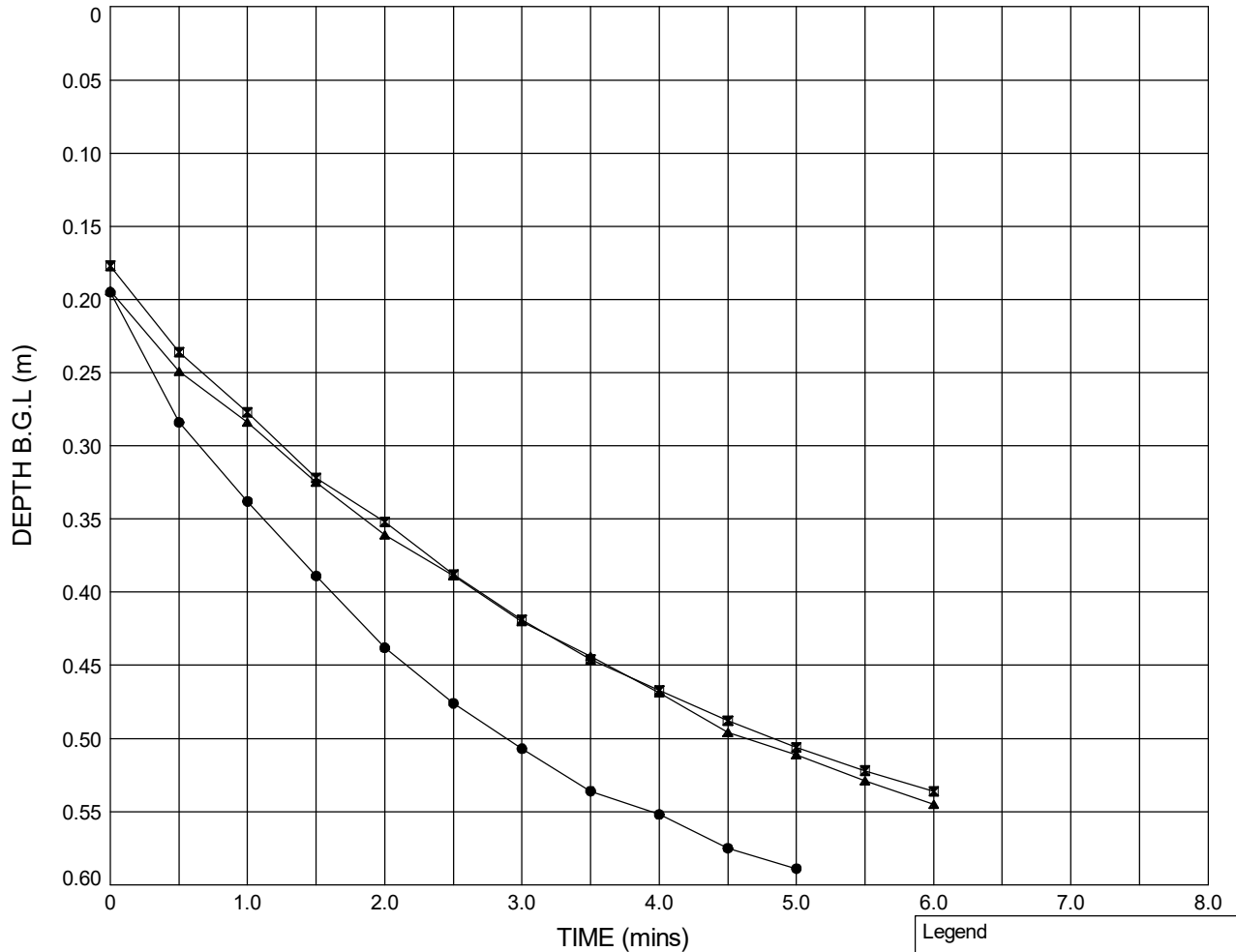
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Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

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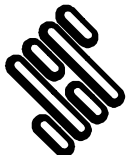
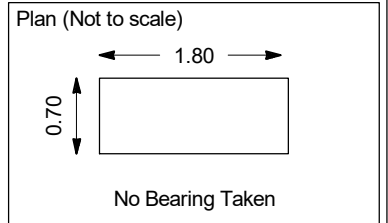
Soakaway Test - Position ID : **POR1**

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 0.61	0.61	0.62	m
Pit final depth:	= 0.61	0.62	0.63	m
Effective depth, D_e	= 0.41	0.44	0.43	m
Effective storage volume, V_{p75-25}	= 0.2602	0.2772	0.2715	m^3
Surface area, a_{p50}	= 2.2925	2.3600	2.3375	m^2
Time, t_{p75-25}	= 140	235	237	secs
Infiltration rate, f	= 8.11×10^{-4}	5.00×10^{-4}	4.90×10^{-4}	m/s

Legend		
●	Test 1	(22.06.20)
■	Test 2	(22.06.20)
▲	Test 3	(22.06.20)



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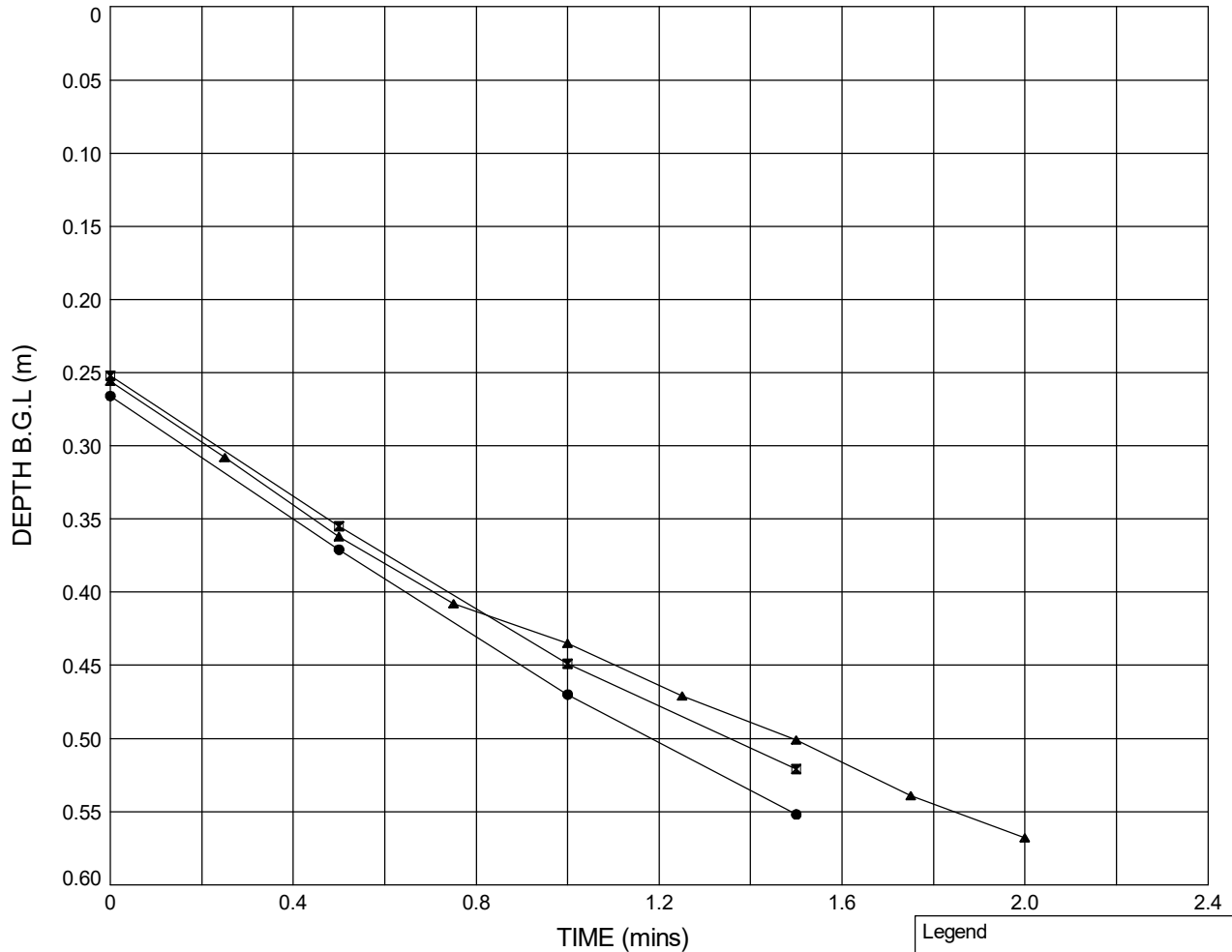
Compiled By	Date	Checked By	Date
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Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

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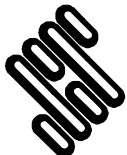
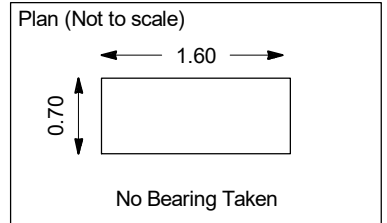
Soakaway Test - Position ID : **POR2**

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 0.59	0.59	0.59	m
Pit final depth:	= 0.59	0.59	0.59	m
Effective depth, D_e	= 0.33	0.33	0.33	m
Effective storage volume, V_{p75-25}	= 0.1826	0.1865	0.1842	m^3
Surface area, a_{p50}	= 1.8698	1.8859	1.8767	m^2
Time, t_{p75-25}	= 52	58	68	secs
Infiltration rate, f	= 1.88×10^{-3}	1.70×10^{-3}	1.44×10^{-3}	m/s

Legend		
●	Test 1	(23.06.20)
■	Test 2	(23.06.20)
▲	Test 3	(23.06.20)



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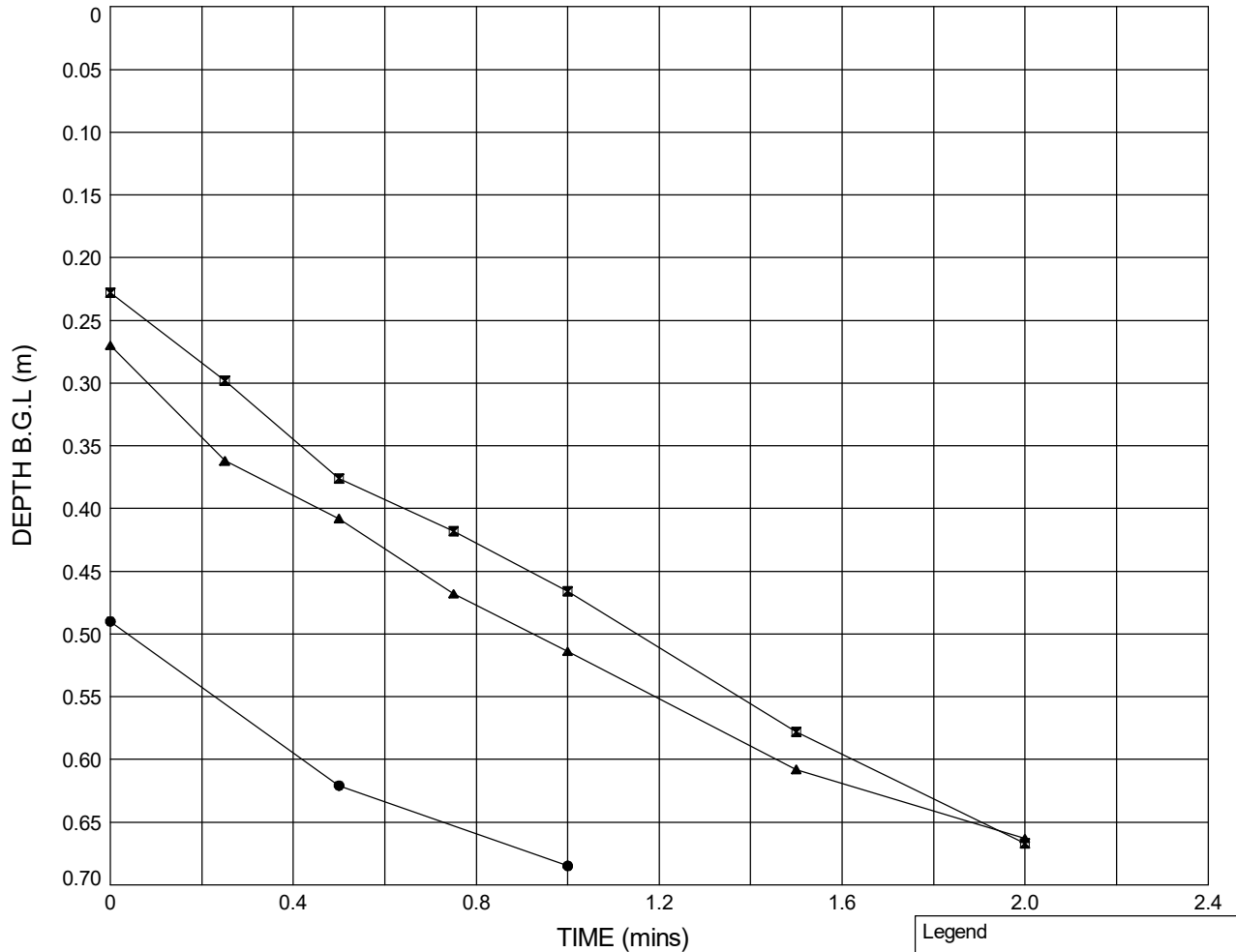
Compiled By	Date	Checked By	Date
[REDACTED]	24/06/20	[REDACTED]	24/06/20
Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

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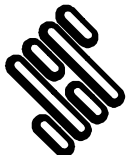
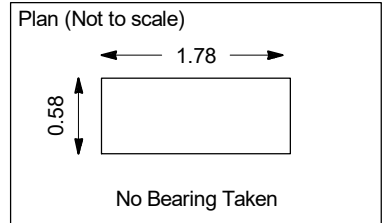
Soakaway Test - Position ID : **POR3**

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 0.70	0.70	0.70	m
Pit final depth:	= 0.70	0.70	0.70	m
Effective depth, D_e	= 0.21	0.47	0.43	m
Effective storage volume, V_{p75-25}	= 0.1089	0.2442	0.2225	m^3
Surface area, a_{p50}	= 1.5304	2.1487	2.0496	m^2
Time, t_{p75-25}	= 31	68	65	secs
Infiltration rate, f	= 2.30×10^{-3}	1.67×10^{-3}	1.67×10^{-3}	m/s

Legend		
●	Test 1	(01.06.20)
■	Test 2	(01.06.20)
▲	Test 3	(01.06.20)



STRUCTURAL SOILS
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Contract Ref:

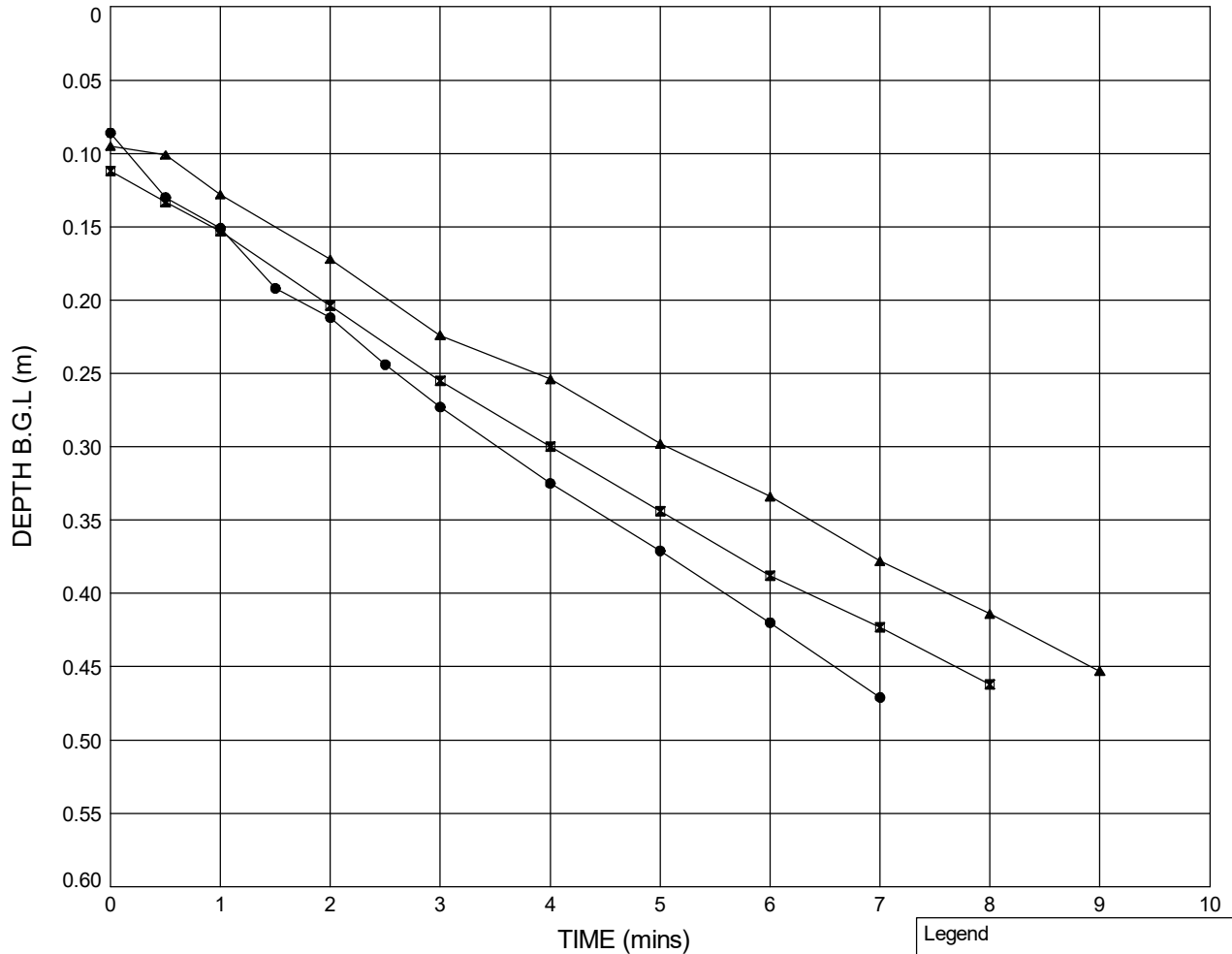
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FULL SCALE SOAKAWAY TEST

In accordance with BRE Digest 365

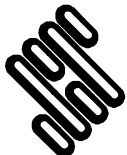
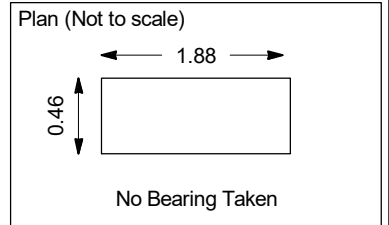
Soakaway Test - Position ID : **POR4**

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 0.57	0.50	0.50	m
Pit final depth:	= 0.50	0.50	0.50	m
Effective depth, D_e	= 0.41	0.39	0.41	m
Effective storage volume, V_{p75-25}	= 0.1790	0.1678	0.1751	m ³
Surface area, a_{p50}	= 1.8336	0.7727	1.8125	m ²
Time, t_{p75-25}	= 243	260	307	secs
Infiltration rate, f	= 4.02×10^{-4}	3.64×10^{-4}	3.15×10^{-4}	m/s

Legend		
●	Test 1	(01.06.20)
■	Test 2	(01.06.20)
▲	Test 3	(01.06.20)



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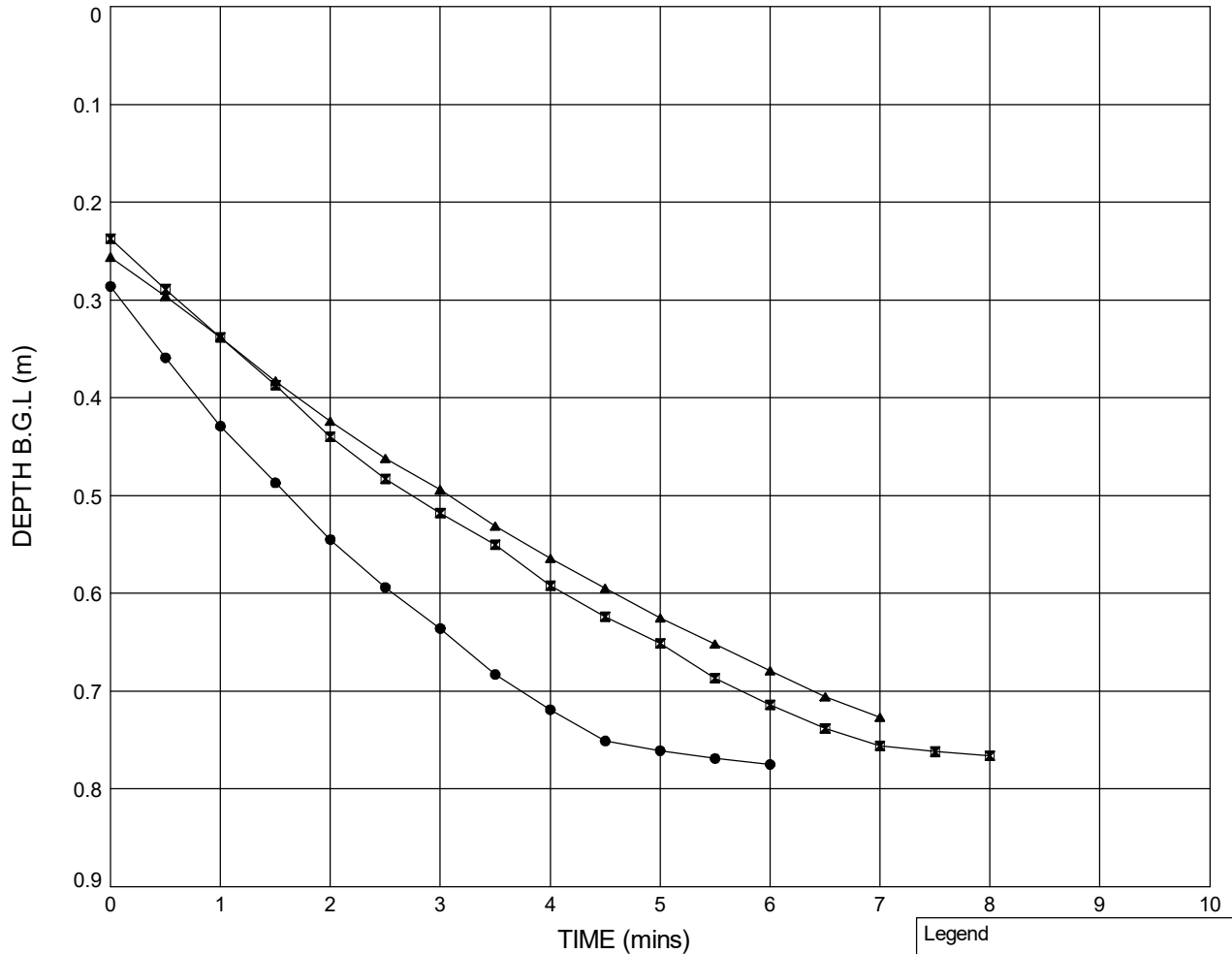
Compiled By	Date	Checked By	Date
[Redacted]	05/06/20	[Redacted]	09/06/20
Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

In accordance with BRE Digest 365

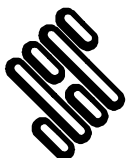
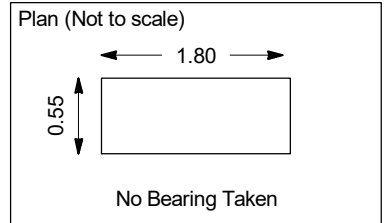
Soakaway Test - Position ID : **SA1**

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 0.83	0.83	0.84	m
Pit final depth:	= 0.83	0.84	0.84	m
Effective depth, D_e	= 0.55	0.60	0.58	m
Effective storage volume, V_{p75-25}	= 0.2708	0.2960	0.2866	m^3
Surface area, a_{p50}	= 2.2755	2.3953	2.3507	m^2
Time, t_{p75-25}	= 164	239	269	secs
Infiltration rate, f	= 7.26×10^{-4}	5.17×10^{-4}	4.53×10^{-4}	m/s

Legend		
●	Test 1	(22.05.20)
■	Test 2	(22.05.20)
▲	Test 3	(22.05.20)



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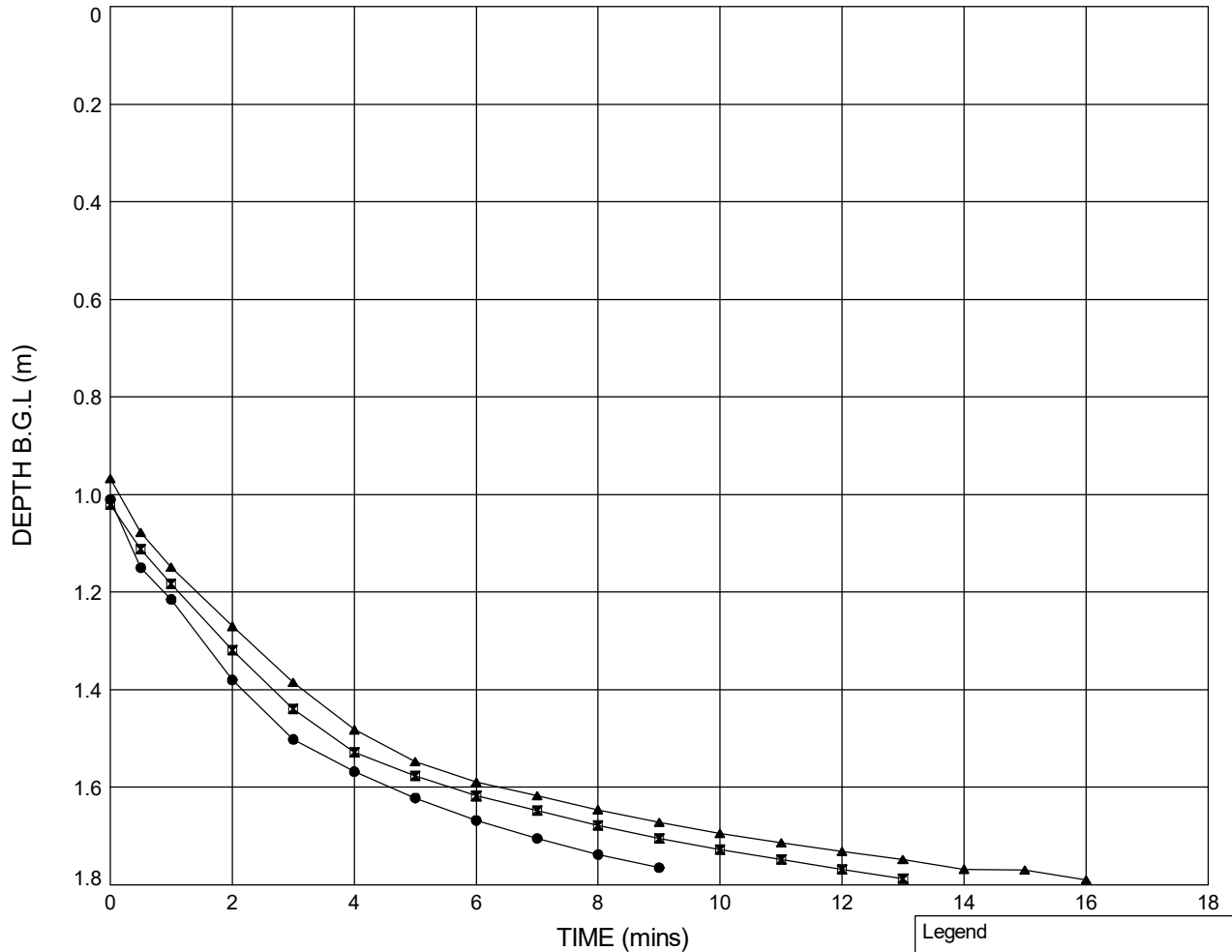
Compiled By	Date	Checked By	Date
[Redacted]	27/05/20	[Redacted]	03/06/20
Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

In accordance with BRE Digest 365

Soakaway Test - Position ID : **SA2**

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME

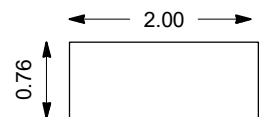


	Test 1	Test 2	Test 3	
Pit start depth:	= 1.79	1.79	1.79	m
Pit final depth:	= 1.79	1.79	1.79	m
Effective depth, D_e	= 0.78	0.77	0.83	m
Effective storage volume, V_{p75-25}	= 0.5928	0.5875	0.6278	m^3
Surface area, a_{p50}	= 3.6728	3.6535	3.7998	m^2
Time, t_{p75-25}	= 215	260	283	secs
Infiltration rate, f	= 7.51×10^{-4}	6.18×10^{-4}	5.84×10^{-4}	m/s

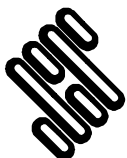
Legend

- Test 1 (26.05.20)
- Test 2 (26.05.20)
- ▲ Test 3 (26.05.20)

Plan (Not to scale)



No Bearing Taken



STRUCTURAL SOILS
1a Princess Street
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09/06/20

Contract

Wykham Lane, Banbury

Contract Ref:

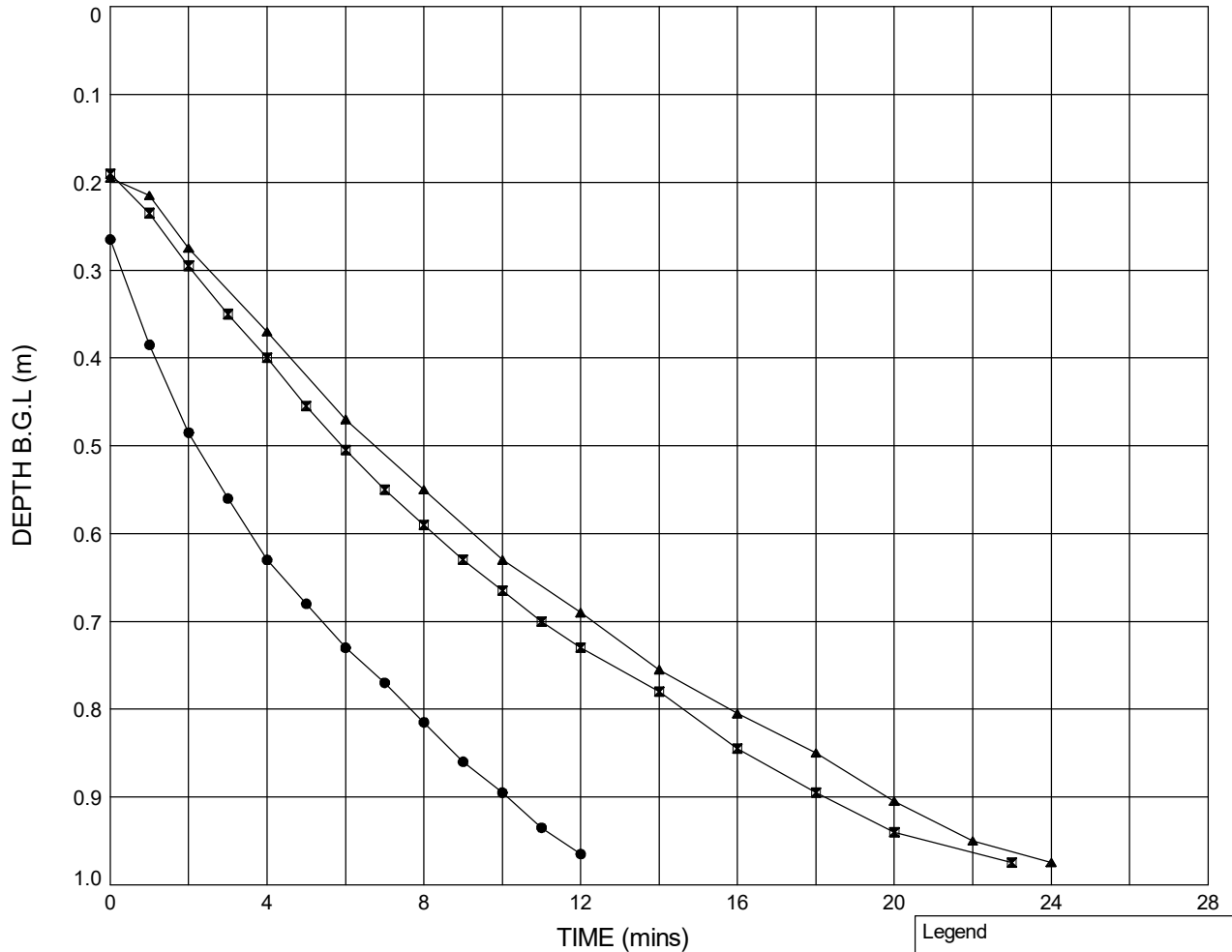
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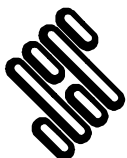
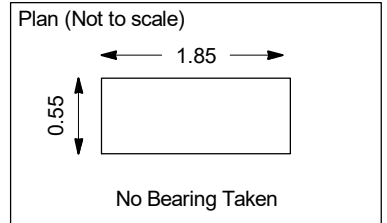
Soakaway Test - Position ID : **SA3**

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	=	0.98	0.98	0.98 m
Pit final depth:	=	0.98	0.98	0.98 m
Effective depth, D_e	=	0.71	0.79	0.78 m
Effective storage volume, V_{p75-25}	=	0.3612	0.3994	0.3968 m ³
Surface area, a_{p50}	=	2.7215	2.9015	2.8895 m ²
Time, t_{p75-25}	=	362	613	636 secs
Infiltration rate, f	=	3.67×10^{-4}	2.25×10^{-4}	2.16×10^{-4} m/s

Legend		
●	Test 1	(22.05.20)
■	Test 2	(22.05.20)
▲	Test 3	(22.05.20)



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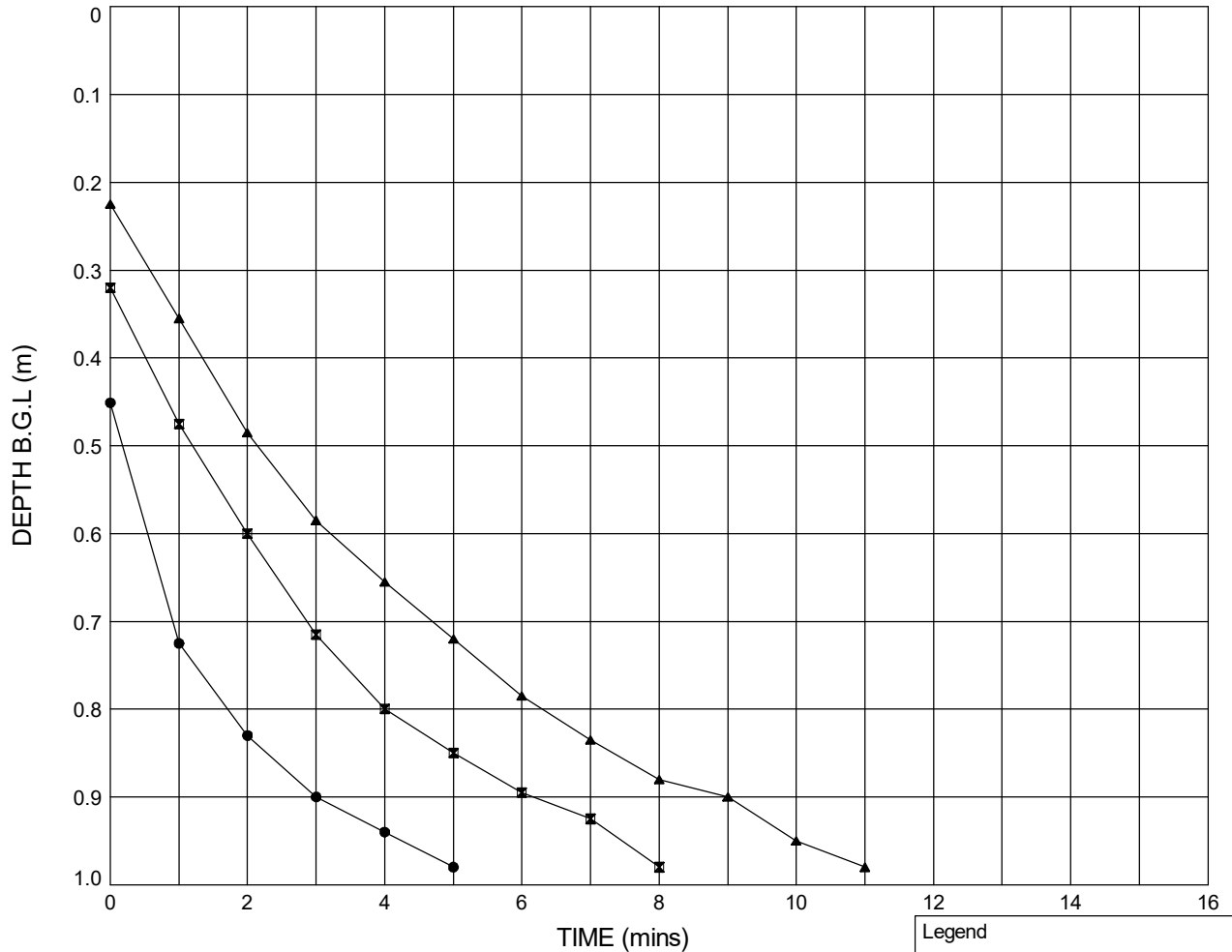
Compiled By	Date	Checked By	Date
[Redacted]	27/05/20	[Redacted]	03/06/20
Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

In accordance with BRE Digest 365

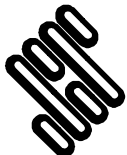
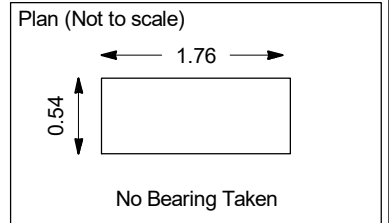
Soakaway Test - Position ID : **SA4**

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 0.98	0.98	0.98	m
Pit final depth:	= 0.98	0.98	0.98	m
Effective depth, D_e	= 0.53	0.66	0.76	m
Effective storage volume, V_{p75-25}	= 0.2514	0.3136	0.3588	m^3
Surface area, a_{p50}	= 2.1671	2.4684	2.6869	m^2
Time, t_{p75-25}	= 106	193	280	secs
Infiltration rate, f	= 1.09×10^{-3}	6.58×10^{-4}	4.77×10^{-4}	m/s

Legend		
●	Test 1	(21.05.20)
■	Test 2	(21.05.20)
▲	Test 3	(21.05.20)



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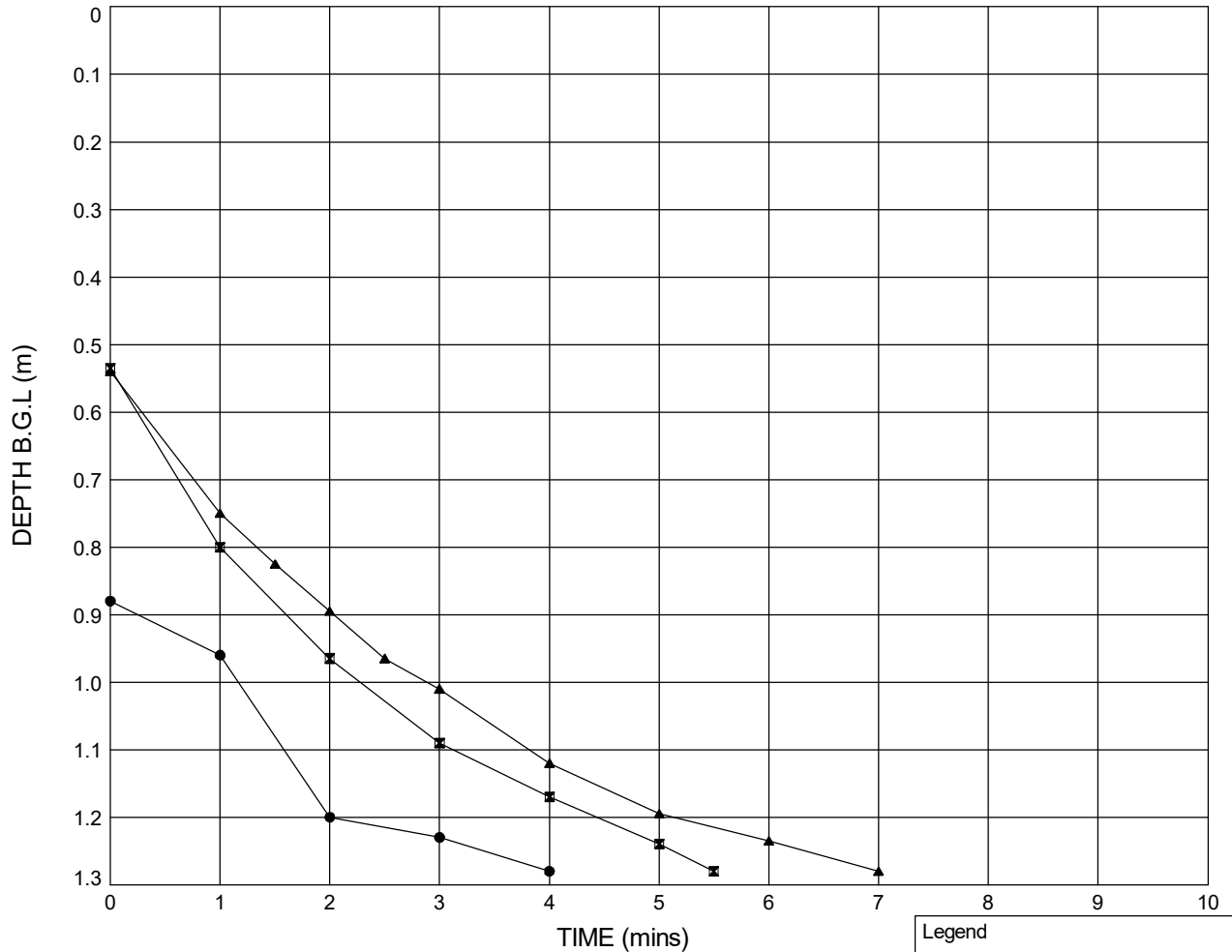
Compiled By	Date	Checked By	Date
[REDACTED]	01/06/20	[REDACTED]	03/06/20
Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

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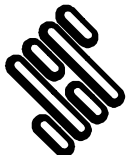
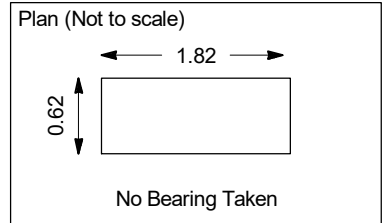
Soakaway Test - Position ID : **SA5**

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 1.28	1.28	1.28	m
Pit final depth:	= 1.28	1.28	1.28	m
Effective depth, D_e	= 0.40	0.75	0.74	m
Effective storage volume, V_{p75-25}	= 0.2257	0.4203	0.4175	m ³
Surface area, a_{p50}	= 2.1044	2.9462	2.9340	m ²
Time, t_{p75-25}	= 50	141	173	secs
Infiltration rate, f	= 2.14×10^{-3}	1.01×10^{-3}	8.23×10^{-4}	m/s

Legend		
●	Test 1	(21.05.20)
■	Test 2	(21.05.20)
▲	Test 3	(21.05.20)



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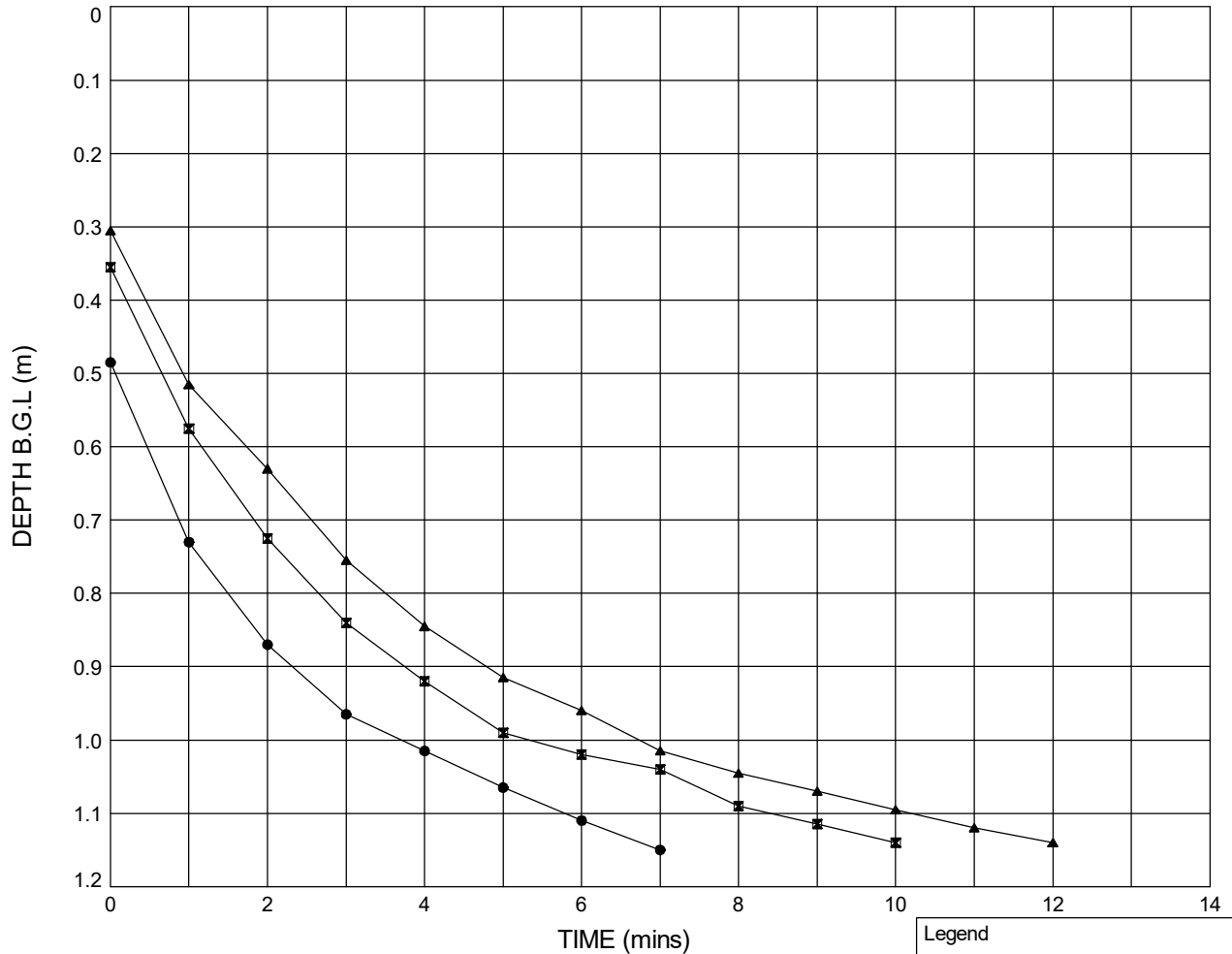
Compiled By	Date	Checked By	Date
[REDACTED]	27/05/20	[REDACTED]	03/06/20
Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

In accordance with BRE Digest 365

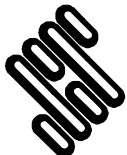
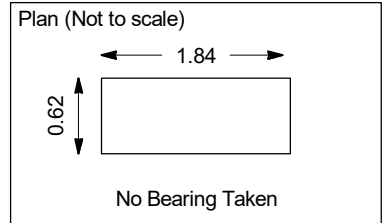
Soakaway Test - Position ID : **SA6**

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 1.15	1.15	1.15	m
Pit final depth:	= 1.15	1.15	1.15	m
Effective depth, D_e	= 0.67	0.80	0.85	m
Effective storage volume, V_{p75-25}	= 0.3793	0.4535	0.4820	m^3
Surface area, a_{p50}	= 2.7767	3.0965	3.2195	m^2
Time, t_{p75-25}	= 162	213	271	secs
Infiltration rate, f	= 8.43×10^{-4}	6.88×10^{-4}	5.52×10^{-4}	m/s

Legend		
●	Test 1	(21.05.20)
⊠	Test 2	(21.05.20)
▲	Test 3	(21.05.20)



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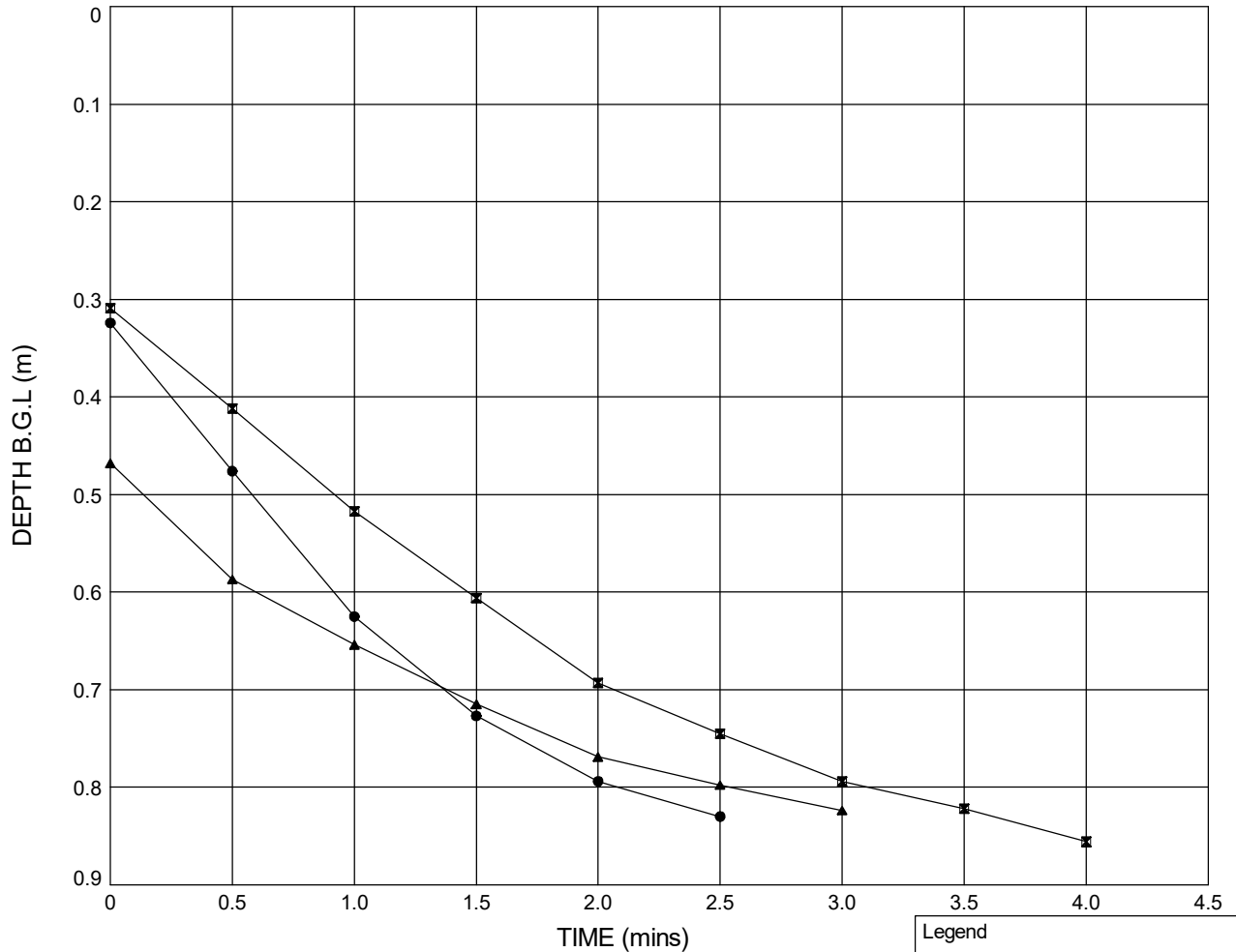
Compiled By	Date	Checked By	Date
[REDACTED]	27/05/20	[REDACTED]	03/06/20
Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

In accordance with BRE Digest 365

Soakaway Test - Position ID : SA11

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME

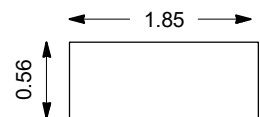


	Test 1	Test 2	Test 3	
Pit start depth:	= 0.86	0.87	0.87	m
Pit final depth:	= 0.87	0.87	0.87	m
Effective depth, D_e	= 0.54	0.56	0.40	m
Effective storage volume, V_{p75-25}	= 0.2802	0.2880	0.2062	m ³
Surface area, a_{p50}	= 2.3398	2.3760	1.9952	m ²
Time, t_{p75-25}	= 64	99	94	secs
Infiltration rate, f	= 1.87×10^{-3}	1.22×10^{-3}	1.10×10^{-3}	m/s

Legend

●	Test 1	(22.05.20)
■	Test 2	(22.05.20)
▲	Test 3	(22.05.20)

Plan (Not to scale)



No Bearing Taken



STRUCTURAL SOILS
1a Princess Street
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Date

Checked By

Date

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03/06/20

Contract

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Contract Ref:

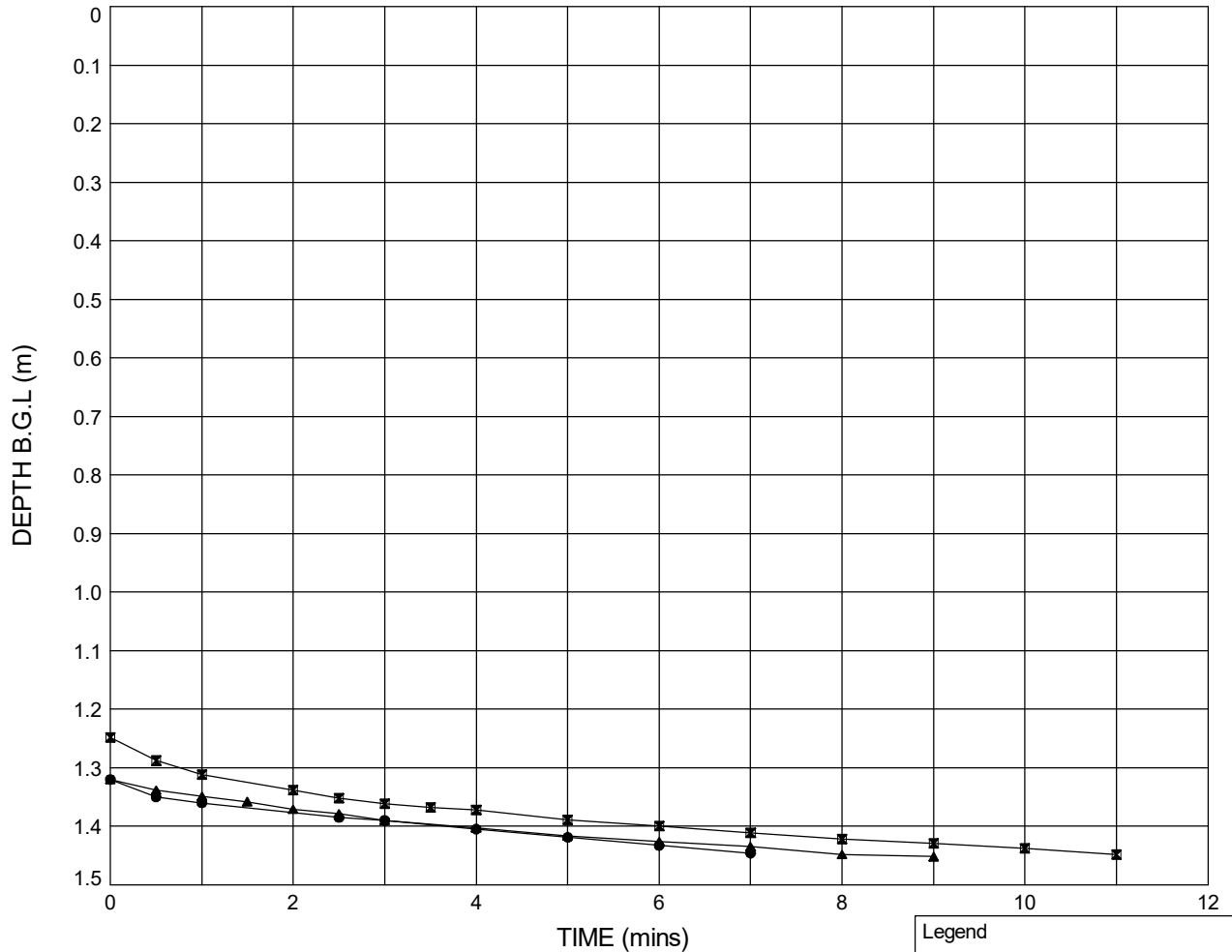
749466

FULL SCALE SOAKAWAY TEST

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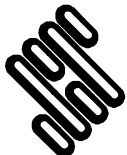
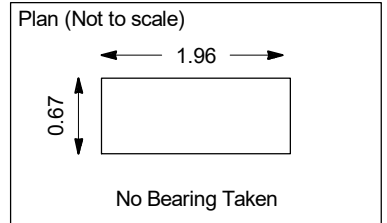
Soakaway Test - Position ID : SA12

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 1.45	1.46	1.45	m
Pit final depth:	= 1.46	1.45	1.46	m
Effective depth, D_e	= 0.14	0.20	0.14	m
Effective storage volume, V_{p75-25}	= 0.0906	0.1339	0.0886	m ³
Surface area, a_{p50}	= 1.6761	1.8497	1.6683	m ²
Time, t_{p75-25}	= 276	321	252	secs
Infiltration rate, f	= 1.96×10^{-4}	2.26×10^{-4}	2.11×10^{-4}	m/s

Legend		
●	Test 1	(28.05.20)
■	Test 2	(28.05.20)
▲	Test 3	(28.05.20)



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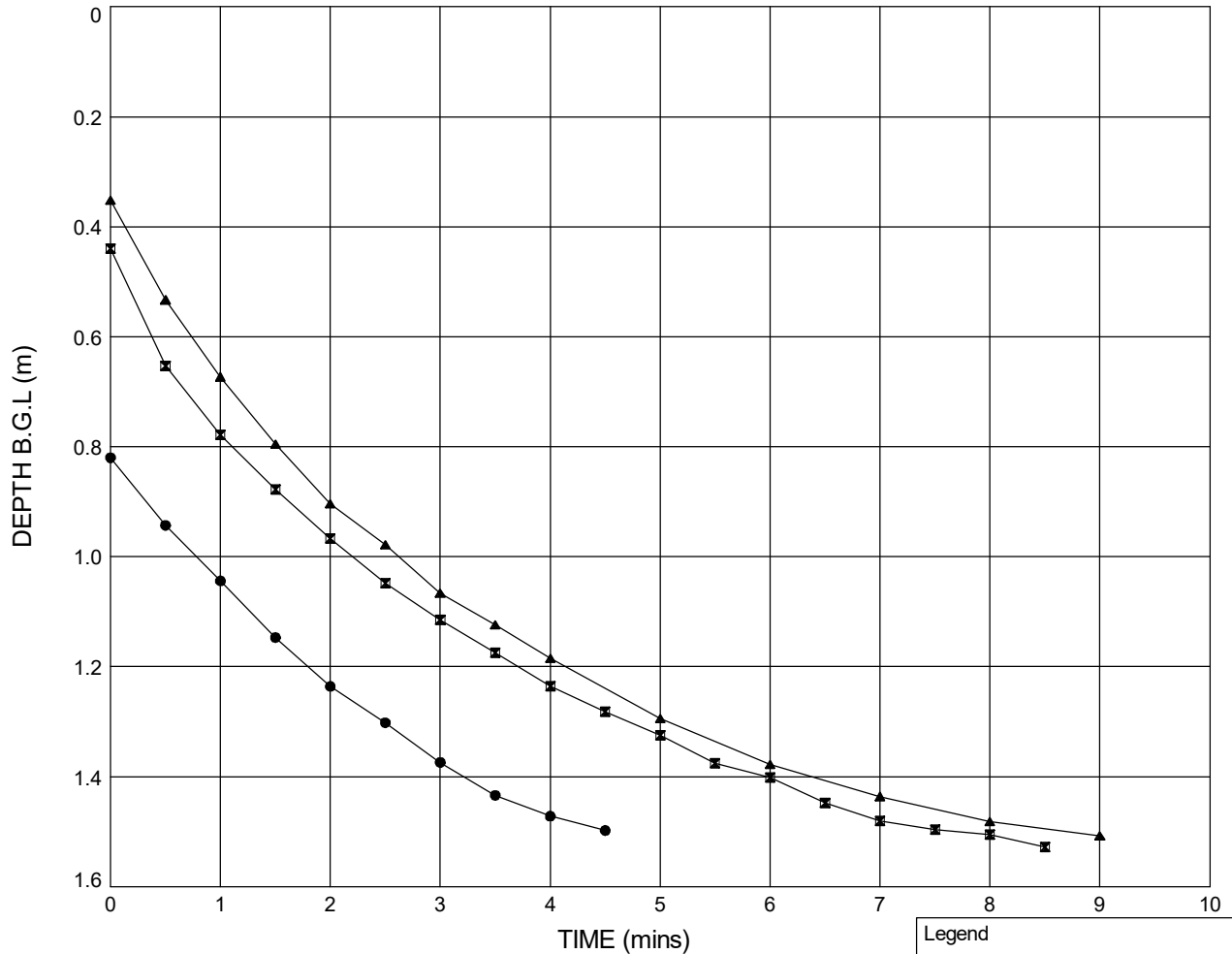
Compiled By	Date	Checked By	Date
[REDACTED]	05/06/20	[REDACTED]	09/06/20
Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

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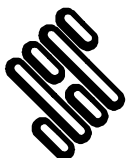
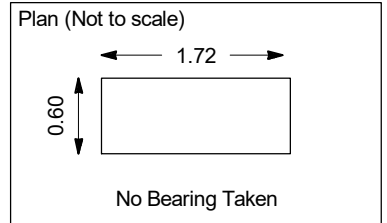
Soakaway Test - Position ID : **SA13**

Plot of Depth of Water Below Ground Level Against Time



	Test 1	Test 2	Test 3	
Pit start depth:	= 1.52	1.53	1.53	m
Pit final depth:	= 1.53	1.53	1.53	m
Effective depth, D_e	= 0.71	1.09	1.18	m
Effective storage volume, V_{p75-25}	= 0.3674	0.5614	0.6068	m ³
Surface area, a_{p50}	= 2.6838	3.5562	3.7603	m ²
Time, t_{p75-25}	= 126	209	213	secs
Infiltration rate, f	= 1.09×10^{-3}	7.55×10^{-4}	7.58×10^{-4}	m/s

Legend		
●	Test 1	(28.05.20)
■	Test 2	(28.05.20)
▲	Test 3	(28.05.20)



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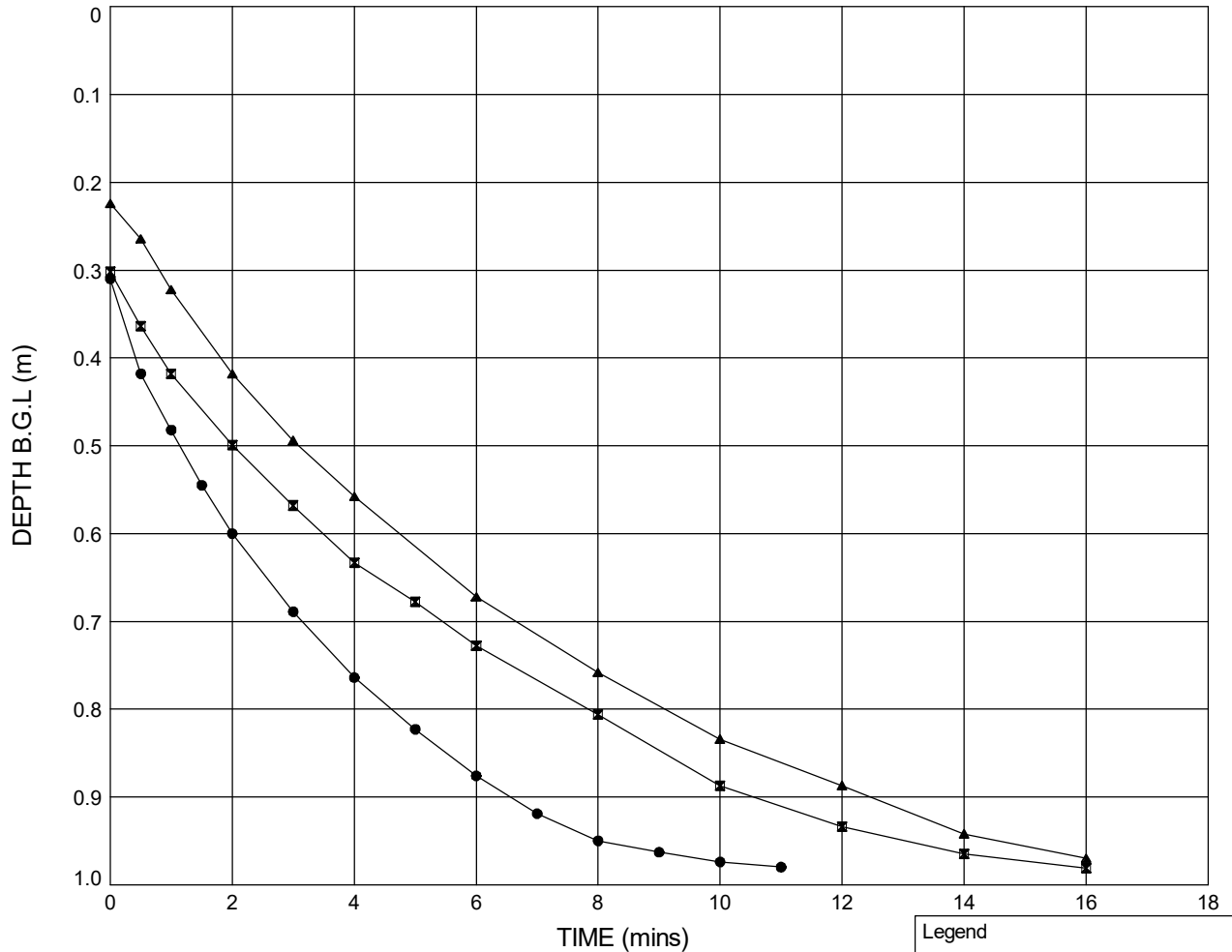
Compiled By	Date	Checked By	Date
	01/06/20		03/06/20
Contract		Contract Ref:	
Wykham Lane, Banbury		749466	

FULL SCALE SOAKAWAY TEST

In accordance with BRE Digest 365

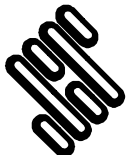
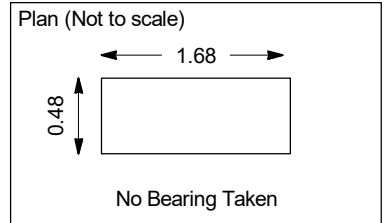
Soakaway Test - Position ID : SA14

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 0.98	0.99	0.99	m
Pit final depth:	= 0.99	0.99	0.99	m
Effective depth, D_e	= 0.68	0.69	0.76	m
Effective storage volume, V_{p75-25}	= 0.2730	0.2774	0.3080	m^3
Surface area, a_{p50}	= 2.2687	2.2925	2.4556	m^2
Time, t_{p75-25}	= 236	397	424	secs
Infiltration rate, f	= 5.10×10^{-4}	3.05×10^{-4}	2.96×10^{-4}	m/s

Legend		
●	Test 1	(29.05.20)
■	Test 2	(29.05.20)
▲	Test 3	(29.05.20)



STRUCTURAL SOILS
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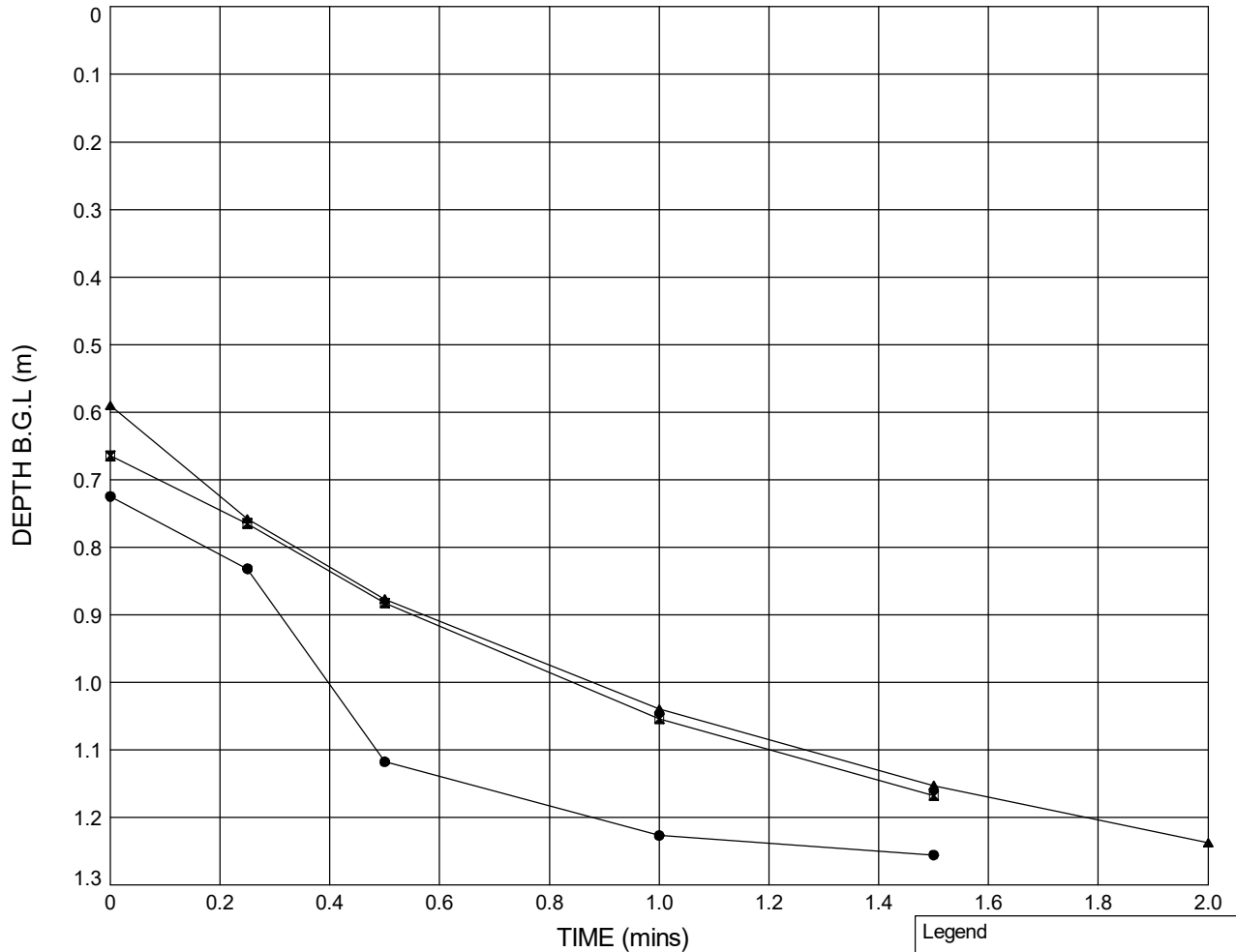
Compiled By	Date	Checked By	Date
[REDACTED]	09/06/20	[REDACTED]	09/06/20
Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

In accordance with BRE Digest 365

Soakaway Test - Position ID : **SA15**

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME

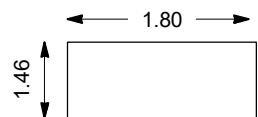


	Test 1	Test 2	Test 3	
Pit start depth:	= 1.26	1.26	1.26	m
Pit final depth:	= 1.26	1.26	1.26	m
Effective depth, D_e	= 0.54	0.60	0.67	m
Effective storage volume, V_{p75-25}	= 0.2214	0.2462	0.8773	m ³
Surface area, a_{p50}	= 2.0361	2.1716	4.8036	m ²
Time, t_{p75-25}	= 16	54	59	secs
Infiltration rate, f	= 6.80×10^{-3}	2.10×10^{-3}	3.10×10^{-3}	m/s

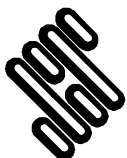
Legend

- Test 1 (29.05.20)
- Test 2 (29.05.20)
- ▲ Test 3 (29.05.20)

Plan (Not to scale)



No Bearing Taken



STRUCTURAL SOILS
1a Princess Street
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Date

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Date

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09/06/20

Contract

Wykham Lane, Banbury

Contract Ref:

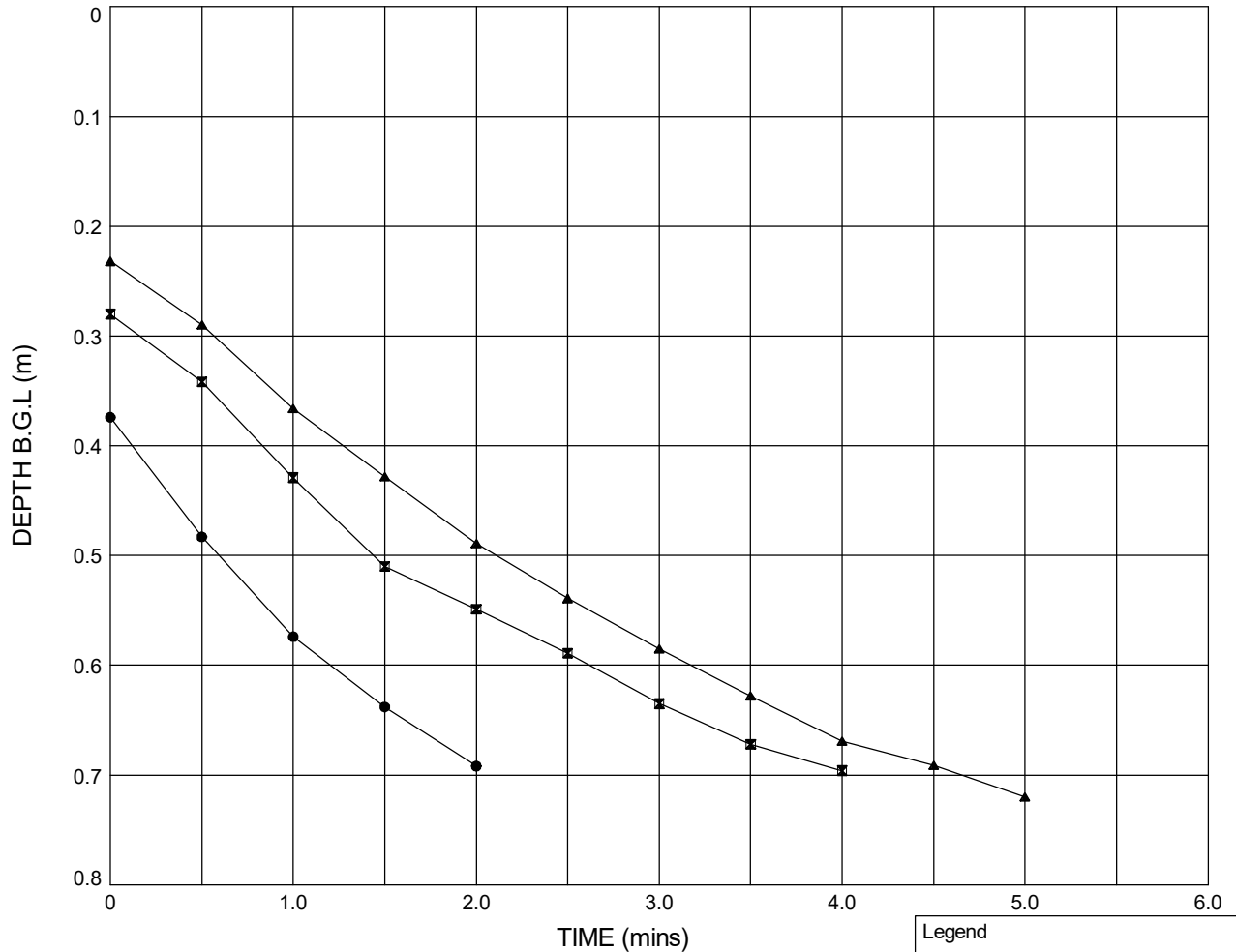
749466

FULL SCALE SOAKAWAY TEST

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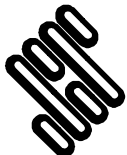
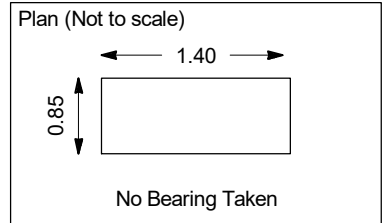
Soakaway Test - Position ID : **SUD1**

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 0.73	0.72	0.72	m
Pit final depth:	= 0.72	0.72	0.72	m
Effective depth, D_e	= 0.35	0.44	0.49	m
Effective storage volume, V_{p75-25}	= 0.2059	0.2636	0.2916	m^3
Surface area, a_{p50}	= 1.9685	2.1868	2.2925	m^2
Time, t_{p75-25}	= 64	118	135	secs
Infiltration rate, f	= 1.63×10^{-3}	1.02×10^{-3}	9.42×10^{-4}	m/s

Legend		
●	Test 1	(22.06.20)
■	Test 2	(22.06.20)
▲	Test 3	(22.06.20)



STRUCTURAL SOILS
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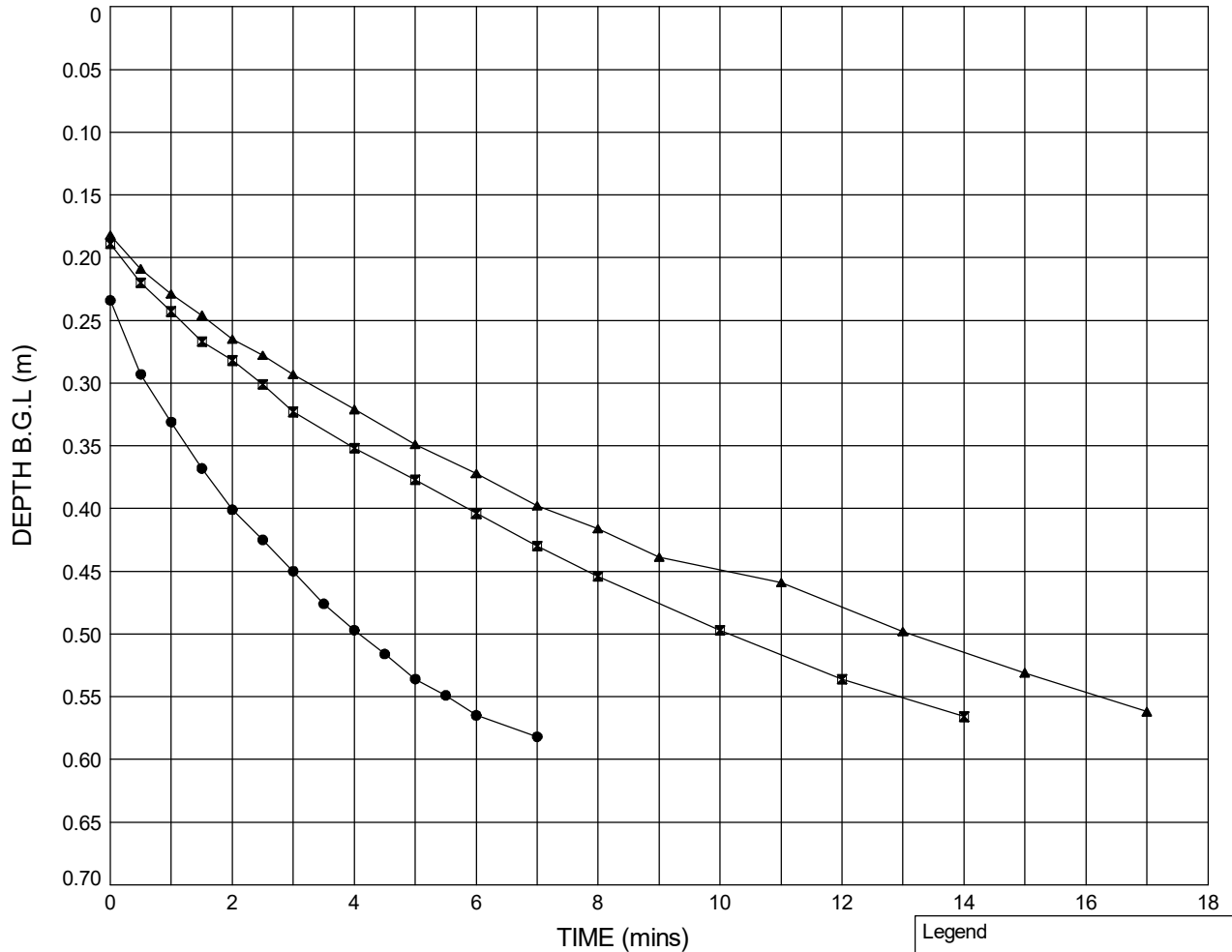
Compiled By	Date	Checked By	Date
[REDACTED]	24/06/20	[REDACTED]	24/06/20
Contract Wykham Lane, Banbury		Contract Ref: 749466	

FULL SCALE SOAKAWAY TEST

In accordance with BRE Digest 365

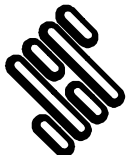
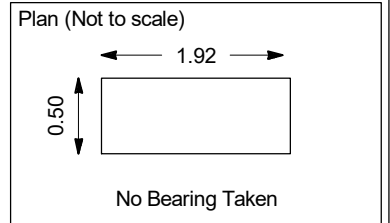
Soakaway Test - Position ID : **SUD2**

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	=	0.64	0.64	0.64 m
Pit final depth:	=	0.64	0.64	0.64 m
Effective depth, D_e	=	0.41	0.46	0.46 m
Effective storage volume, V_{p75-25}	=	0.1968	0.2203	0.2218 m ³
Surface area, a_{p50}	=	1.9522	2.0708	2.0780 m ²
Time, t_{p75-25}	=	249	558	701 secs
Infiltration rate, f	=	4.05×10^{-4}	1.91×10^{-4}	1.52×10^{-4} m/s

Legend		
●	Test 1	(27.05.20)
■	Test 2	(27.05.20)
▲	Test 3	(27.05.20)



STRUCTURAL SOILS
1a Princess Street
Bedminster
Bristol
BS3 4AG

Compiled By	Date	Checked By	Date
[REDACTED]	03/06/20	[REDACTED]	03/06/20
Contract		Contract Ref:	
Wykham Lane, Banbury		749466	

FULL SCALE SOAKAWAY TEST

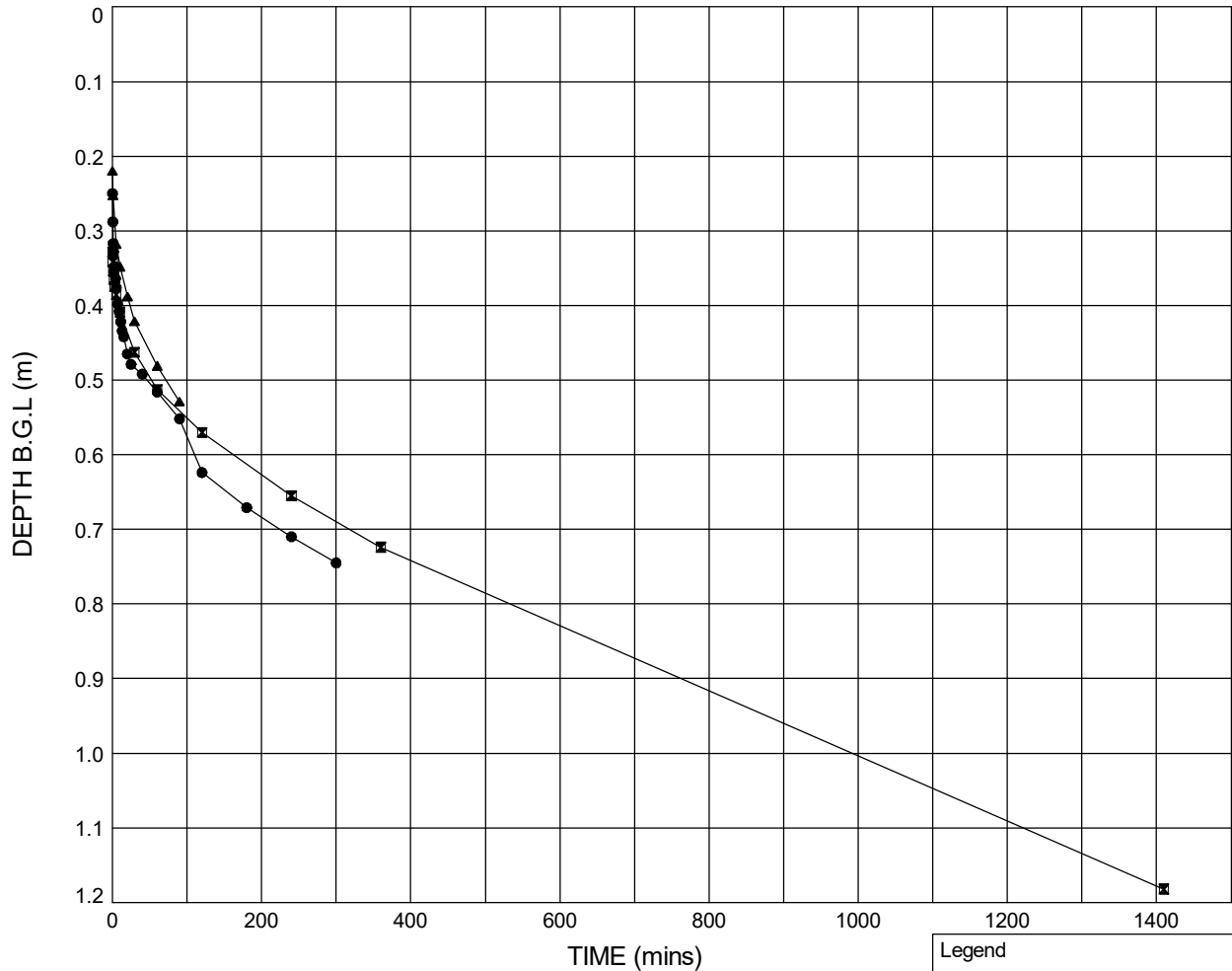
In accordance with BRE Digest 365

Soakaway Test - Position ID : **SUD3**

Ground Level (m AOD): **119.67**

National Grid Co-ordinates: **E:445617.2 N:238241.6**

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 1.21	1.21	1.21	m
Pit final depth:	= 1.20	1.20	1.20	m
Effective depth, D_e	= 0.96	0.97	1.00	m
Effective storage volume, V_{p75-25}	= 0.6458	0.6498	0.6720	m ³
Surface area, a_{p50}	= 3.8618	3.8775	3.9640	m ²
Time, t_{p75-25}	= 13590	59706	43115	secs
Infiltration rate, f	= 1.23×10^{-5}	2.81×10^{-6}	3.93×10^{-6}	m/s

Please note test data was extrapolated to obtain $t_{p75-tp25}$. Notes: Test 1 - TP dry at end of testing (8:15am on 28/05/202)

Legend		
●	Test 1	(27.05.20)
■	Test 2	(28.05.20)
▲	Test 3	(29.05.20)

Plan (Not to scale)	
1.92	0.70
No Bearing Taken	

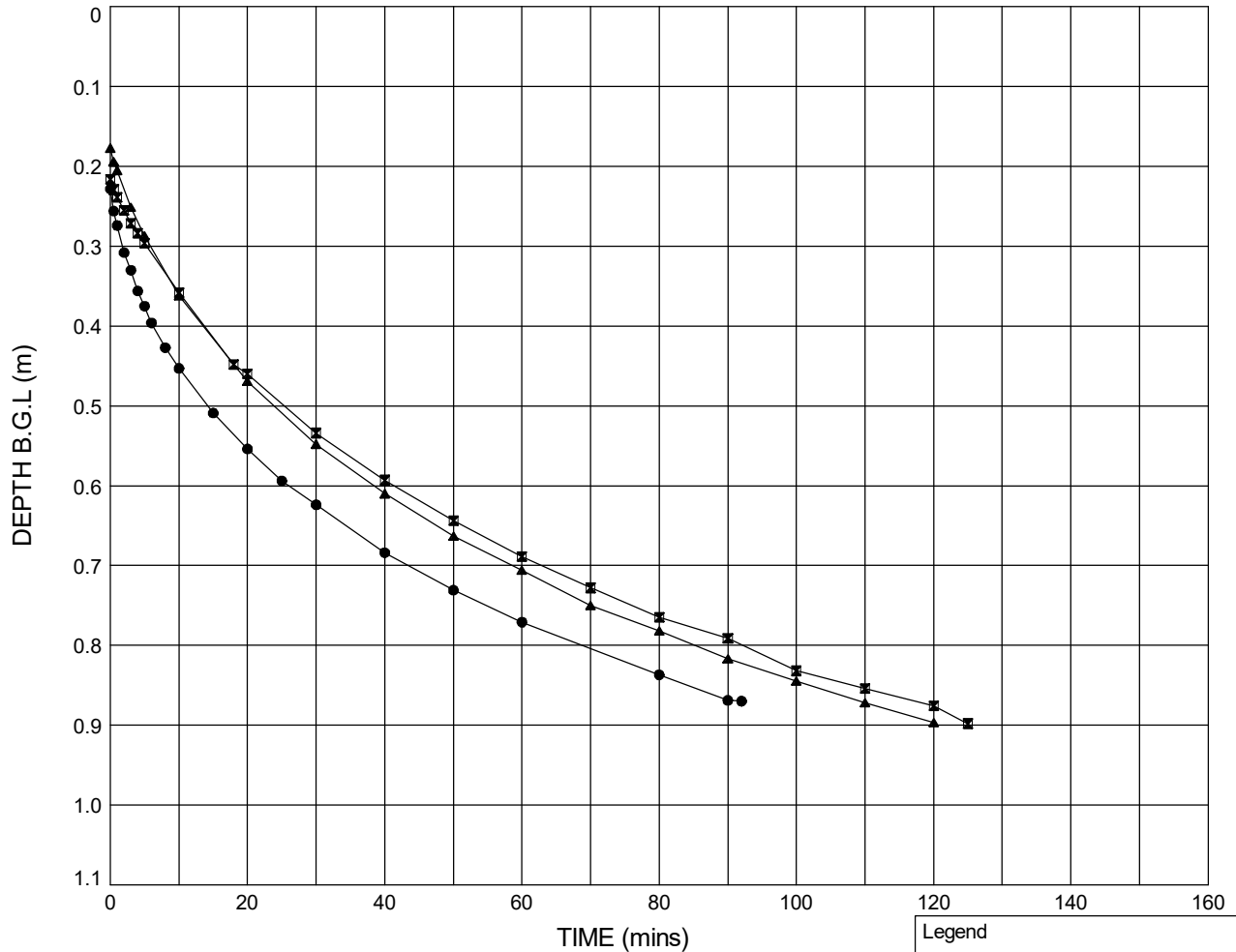
<div>RSK Environment Ltd</div> <div>Abbey Park</div> <div>Humber Road</div> <div>Coventry</div> <div>CV3 4AQ</div> <div>RSK</div>	Compiled By		Date	Checked By	Date
	[REDACTED]		29/06/20	[REDACTED]	29/06/20
	Contract			Contract Ref:	
White Post Road, Bodicote			252380		

FULL SCALE SOAKAWAY TEST

In accordance with BRE Digest 365

Soakaway Test - Position ID : **SUD4**

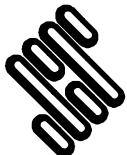
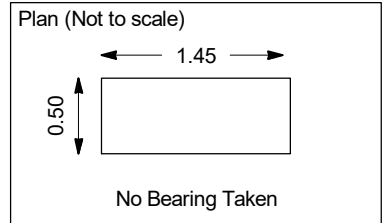
PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	= 1.08	1.13	1.12	m
Pit final depth:	= 1.13	1.12	1.10	m
Effective depth, D_e	= 0.90	0.91	0.92	m
Effective storage volume, V_{p75-25}	= 0.3252	0.3281	0.3339	m^3
Surface area, a_{p50}	= 2.4742	2.4898	2.5210	m^2
Time, t_{p75-25}	= 8613	6407	5652	secs
Infiltration rate, f	= 1.53×10^{-5}	2.06×10^{-5}	2.34×10^{-5}	m/s

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

Legend		
●	Test 1	(22.06.20)
■	Test 2	(22.06.20)
▲	Test 3	(23.06.20)



STRUCTURAL SOILS
1a Princess Street
Bedminster
Bristol
BS3 4AG

Compiled By	Date	Checked By	Date
[Redacted]	29/06/20	[Redacted]	29/06/20
Contract		Contract Ref:	
Wykham Lane, Banbury		749466	

FULL SCALE SOAKAWAY TEST

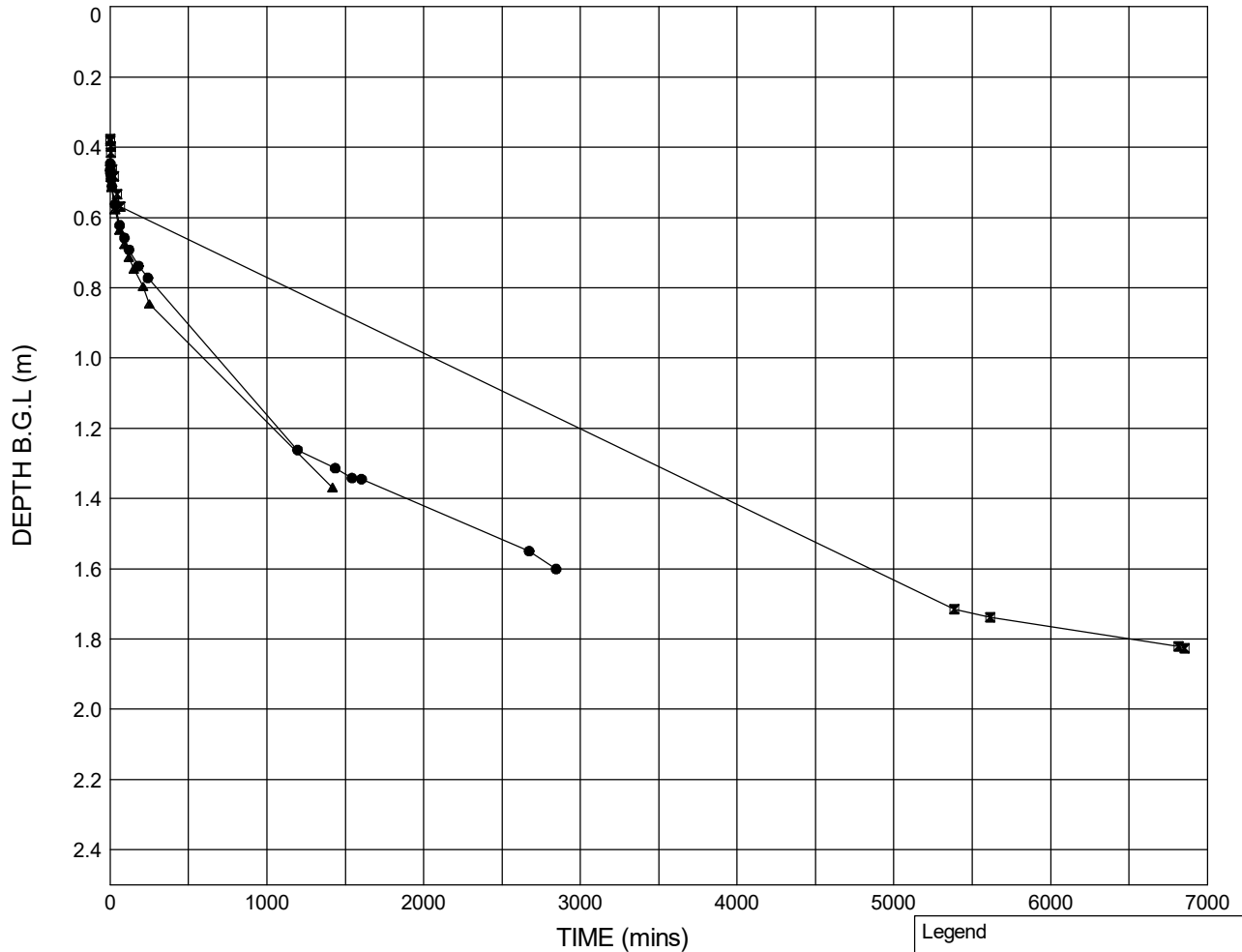
In accordance with BRE Digest 365

Soakaway Test - Position ID : **SUD4b**

Ground Level (m AOD): **118.33**

National Grid Co-ordinates: **E:445677.4 N:238321.6**

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME



	Test 1	Test 2	Test 3	
Pit start depth:	=	0.00	0.00	0.00 m
Pit final depth:	=	2.60	2.60	2.60 m
Effective depth, D_e	=	2.04	2.11	2.05 m
Effective storage volume, V_{p75-25}	=	1.1240	1.1625	1.1585 m ³
Surface area, a_{p50}	=	6.4857	6.6702	6.6200 m ²
Time, t_{p75-25}	=	206804	634200	137212 secs
Infiltration rate, f	=	8.38×10^{-7}	2.75×10^{-7}	1.28×10^{-6} m/s

Please note test data was extrapolated to obtain $t_{p75-tp25}$. Notes: Test 2 - Soakaway filled to run over the weekend

Legend		
●	Test 1	(27.05.20)
⊠	Test 2	(28.05.20)
▲	Test 3	(02.06.20)

Plan (Not to scale)	
← 2.16 →	0.53
No Bearing Taken	

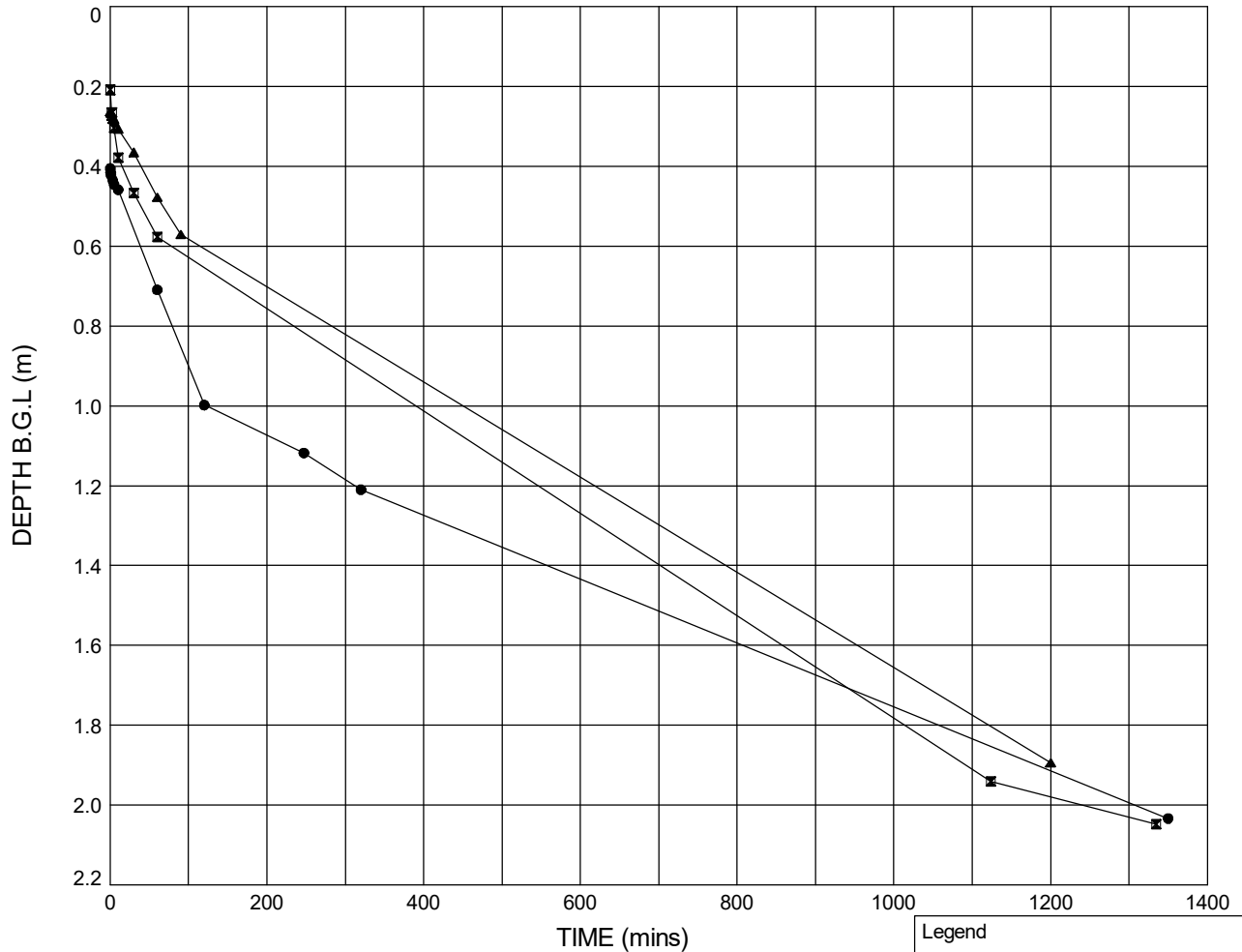
RSK RSK Environment Ltd Abbey Park Humber Road Coventry CV3 4AQ	Compiled By	Date	Checked By	Date
		29/06/20		29/06/20
	Contract		Contract Ref:	
	White Post Road, Bodicote		252380	

FULL SCALE SOAKAWAY TEST

In accordance with BRE Digest 365

Soakaway Test - Position ID : **SUD5**

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME

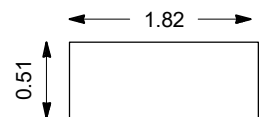


	Test 1	Test 2	Test 3	
Pit start depth:	= 2.19	2.19	2.18	m
Pit final depth:	= 2.19	2.18	2.18	m
Effective depth, D_e	= 1.79	1.97	1.92	m
Effective storage volume, V_{p75-25}	= 0.8284	0.9152	0.8897	m ³
Surface area, a_{p50}	= 5.0873	5.5230	5.3948	m ²
Time, t_{p75-25}	= 53859	46148	48214	secs
Infiltration rate, f	= 3.02×10^{-6}	3.59×10^{-6}	3.42×10^{-6}	m/s

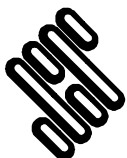
Legend

- Test 1 (28.05.20)
- ✕ Test 2 (28.05.20)
- ▲ Test 3 (28.05.20)

Plan (Not to scale)



No Bearing Taken



STRUCTURAL SOILS
1a Princess Street
Bedminster
Bristol
BS3 4AG

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Date

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Date

09/06/20

9

Contract

Wykham Lane, Banbury

Contract Ref:

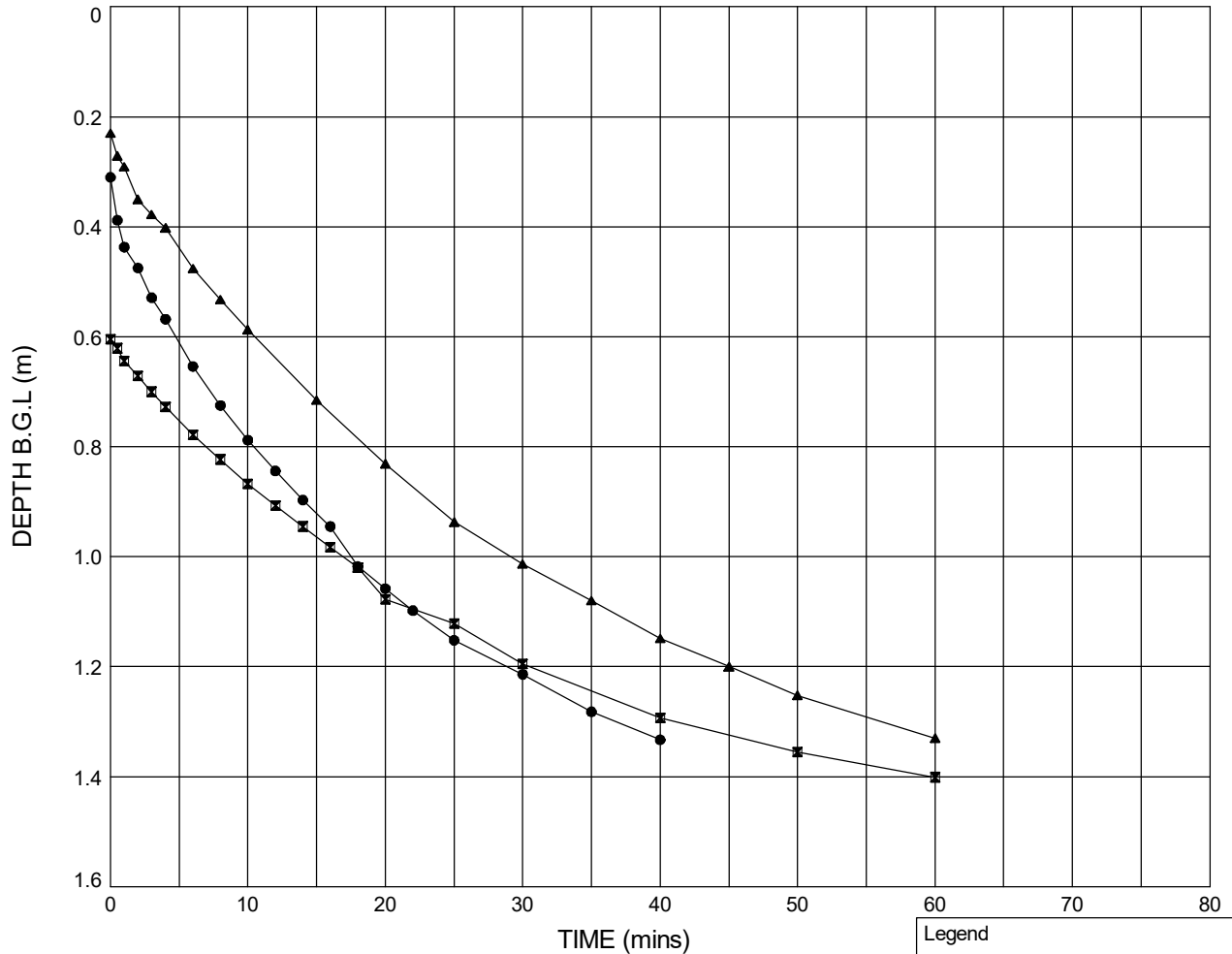
749466

FULL SCALE SOAKAWAY TEST

In accordance with BRE Digest 365

Soakaway Test - Position ID : **SUD6**

PLOT OF DEPTH OF WATER BELOW GROUND LEVEL AGAINST TIME

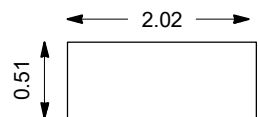


	Test 1	Test 2	Test 3	
Pit start depth:	= 1.60	1.57	1.54	m
Pit final depth:	= 1.57	1.54	1.54	m
Effective depth, D_e	= 1.26	0.94	1.31	m
Effective storage volume, V_{p75-25}	= 0.6511	0.4816	0.6748	m^3
Surface area, a_{p50}	= 4.2281	3.3958	4.3445	m^2
Time, t_{p75-25}	= 1673	2006	2236	secs
Infiltration rate, f	= 9.20×10^{-5}	7.07×10^{-5}	6.95×10^{-5}	m/s

Legend

- Test 1 (28.05.20)
- Test 2 (28.05.20)
- ▲ Test 3 (28.05.20)

Plan (Not to scale)



No Bearing Taken



STRUCTURAL SOILS
1a Princess Street
Bedminster
Bristol
BS3 4AG

Compiled By

Date

Checked By

Date

01/06/20

03/06/20

Contract

Wykham Lane, Banbury

Contract Ref:

749466