




# APPENDIX 1 - Site Location Plan

www.gille



 Soakaway Pit	Client:		Project Code:	11264-11-21
	Project Title:		Grangebrook Avenue	
Drawing Title:		Figure 1 Site Location		
		Ground Investigations Ireland Ltd. Galvinstown House, Hazelhatch Road, Newcastle, Co. Dublin www.gill.ie 01-60151755/176		
Drawn By:	JC	Date:	17/01/2022	



**APPENDIX 2 – Soakaway Testing Records**





Ground Investigations Ireland Ltd  
www.giil.ie

Site  
Grangebrook Avenue

Machine : 3.5 tonne tracked excavator  
Method : Trial Pit

Dimensions  
2.00m x 0.45m x 1.40m (L x W x D)

Ground Level (mOD)

Client  
Terry & O'Flanagan Ltd  
Engineer  
14/12/2021  
Dates  
1/1  
Sheet  
Job Number  
11264-11-21

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend
-----------	----------------	-----------------	---------------	-------------	-----------------------	-------------	--------

					(0.20)	TOPSOIL	
					0.20	Firm brown slightly sandy slightly gravelly CLAY with occasional cobbles	
				1.10	(0.90)	Firm to stiff brown slightly sandy slightly gravelly CLAY with some cobbles and boulders	
				1.40	(0.30)	Complete at 1.40m	

Plan	Remarks	Scale (approx)	Logged By	Figure No.
	No groundwater encountered Trial pit stable Complete at 1.40m BGL Soakaway test carried out in trial pit according to BRE Digest 365 Trial pit backfilled upon completion	1:25	GMP	11264-11-21.SA01



Ground Investigations Ireland Ltd  
www.gi.iie

Site  
Grangebrook Avenue

Machine : 3.5 tonne tracked excavator  
Method : Trial Pit

Dimensions  
1.50m x 0.45m x 1.20m (L x W x D)

Ground Level (mOD)

Client  
Terry & O'Flanagan Ltd

Engineer  
14/12/2021

Dates

Sheet  
1/1

Job Number  
11264-11-21

SA02  
Trial Pit Number

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend
0.20					(0.20)	TOPSOIL	
0.20					0.20	Firm greyish brown slightly sandy slightly gravelly CLAY with occasional cobbles	
0.60					(0.60)	Firm brown slightly sandy slightly gravelly CLAY with some cobbles	
0.80					(0.40)	Complete at 1.20m	

Plan

Remarks

No groundwater encountered  
Trial pit stable  
Complete at 1.20m BGL  
Soakaway test carried out in trial pit according to BRE Digest 365  
Trial pit backfilled upon completion

Scale (approx)  
1:25

Logged By  
CMP

Figure No.  
11264-11-21.SA02



Ground Investigations Ireland Ltd  
www.giil.ie

Site  
Grangebrook Avenue  
SA03

Machine : 3.5 tonne tracked excavator Method : Trial Pit	Dimensions 1.60m x 0.45m x 1.00m (L x W x D)	Ground Level (mOD)	Client Terry & O'Flanagan Ltd	Job Number 11264-11-21	Sheet 1/1	Location 14/12/2021	Engineer Terry & O'Flanagan Ltd
-------------------------------------------------------------	-------------------------------------------------	--------------------	----------------------------------	---------------------------	--------------	------------------------	------------------------------------

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend
					(0.20)	TOPSOIL	
					0.20	Firm brown slightly sandy slightly gravelly CLAY with occasional cobbles	
					(0.50)	Firm to stiff brown slightly sandy slightly gravelly CLAY with some cobbles and boulders	
					(0.30)	OBSTRUCTION: presumed boulder	
					1.00	Terminated at 1.00m	

Plan	Remarks	Scale (approx) 1:25	Logged By CMP	Figure No. 11264-11-21.SA03
	No groundwater encountered Trial pit stable Refusal at 1.00m BGL Soakaway test carried out in trial pit according to BRE Digest 365 Trial pit backfilled upon completion			



Ground Investigations Ireland Ltd  
www.giil.ie

Site  
Grangebrook Avenue

Machine : 3.5 tonne tracked excavator  
Method : Trial Pit

Dimensions  
1.40m x 0.45m x 1.20m (L x W x D)

Ground Level (mOD)

Client

Job Number  
11264-11-21

Engineer

Terry & O'Flanagan Ltd

Dates

14/12/2021

Location

Depth (m)

Sample / Tests

Water Depth (m)

Field Records

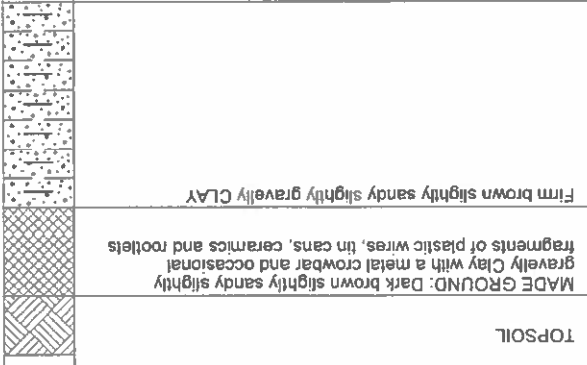
Level (mOD)

Depth (m) (Thickness)

Description

Legend

Water



Remarks

No groundwater encountered  
Trial pit stable  
Complete at 1.20m BGL  
Soakaway test carried out in trial pit according to BRE Digest 365  
Trial pit backfilled upon completion

Plan

Scale (approx)

1:25

Logged By

CMP

Figure No.

11264-11-21.SA04

Catherinestown House,  
 Hazelhatch Road,  
 Newcastle,  
 Co. Dublin,  
 D22 YD52  
 Tel: 01 601 5175 / 5176  
 Email: info@gillie  
 Web: www.gillie

**GROUND INVESTIGATIONS IRELAND**  
 Geotechnical & Environmental



**SA01**

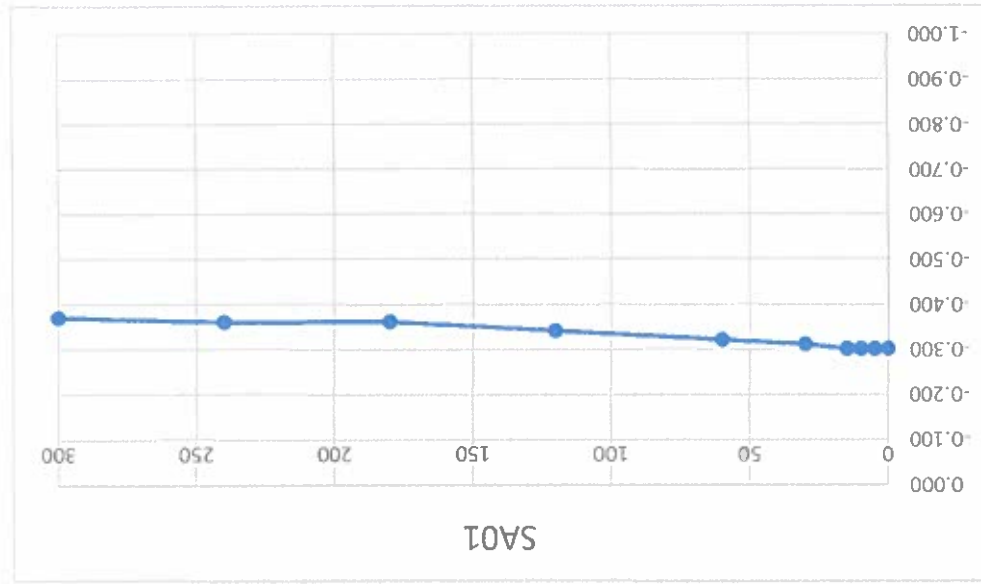
Soakaway Test to BRE Digest 365

Trial Pit Dimensions: 2.00m x 0.45m x 1.40m (L x W x D)

Date	Time	Water level (m bgl)
14/12/2021	0	-0.300
14/12/2021	5	-0.300
14/12/2021	10	-0.300
14/12/2021	15	-0.300
14/12/2021	30	-0.310
14/12/2021	60	-0.320
14/12/2021	120	-0.340
14/12/2021	180	-0.360
14/12/2021	240	-0.360
14/12/2021	300	-0.370

**\*Soakaway Failed - Pit Backfilled**

Start Depth	Depth of Pit	Difference	75% Full	25% Full	0.731
-------------	--------------	------------	----------	----------	-------





**GROUND INVESTIGATIONS IRELAND**  
Geotechnical & Environmental



Cathernestown House,  
Hazelhatch Road,  
Newcastle,  
Co. Dublin,  
D22 YD52  
Tel: 01 601 5175 / 5176  
Email: info@gili.ie  
Web: www.gili.ie

**SA02**

Soakaway Test to BRE Digest 365

Trial Pit Dimensions: 1.50m x 0.45m x 1.20m (L x W x D)

Date	Time	Water level (m bgl)
14/12/2021	0	-0.400
14/12/2021	5	-0.410
14/12/2021	10	-0.430
14/12/2021	15	-0.440
14/12/2021	30	-0.470
14/12/2021	60	-0.540
14/12/2021	120	-0.580
14/12/2021	180	-0.620
14/12/2021	240	-0.630
14/12/2021	300	-0.640

**\*Soakaway Failed - Pit Backfilled**

Start Depth 0.400  
Depth of Pit 1.200  
Difference 0.800  
75% Full 0.600  
25% Full 0.850

