



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
	Location	Dates 14/12/2021	Engineer Terry & O'Flanagan Ltd	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					(0.20)	TOPSOIL		
					0.20	MADE GROUND: Dark brown slightly sandy slightly gravelly Clay with a metal crowbar and occasional fragments of plastic wires, tin cans, ceramics and rootlets		
					(0.30)			
					0.50	Firm brown slightly sandy slightly gravelly CLAY		
					(0.70)			
					1.20			
						Complete at 1.20m		

<b>Plan</b> 	<b>Remarks</b> 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					
	<table border="1"> <tr> <td>Scale (approx)</td> <td>Logged By</td> <td>Figure No.</td> </tr> <tr> <td>1.25</td> <td>CMP</td> <td>11264-11-21.SA04</td> </tr> </table>	Scale (approx)	Logged By	Figure No.	1.25	CMP
Scale (approx)	Logged By	Figure No.				
1.25	CMP	11264-11-21.SA04				



**GROUND INVESTIGATIONS IRELAND**  
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**SA01**

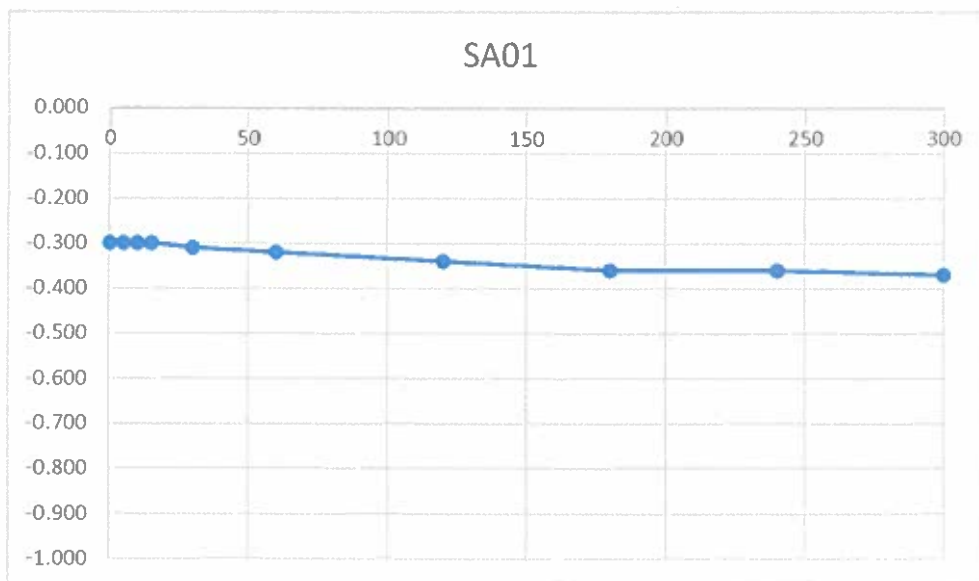
**Soakaway Test to BRE Digest 365**

**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
0.300	1.400	1.100	0.575	0.731





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**SA02**

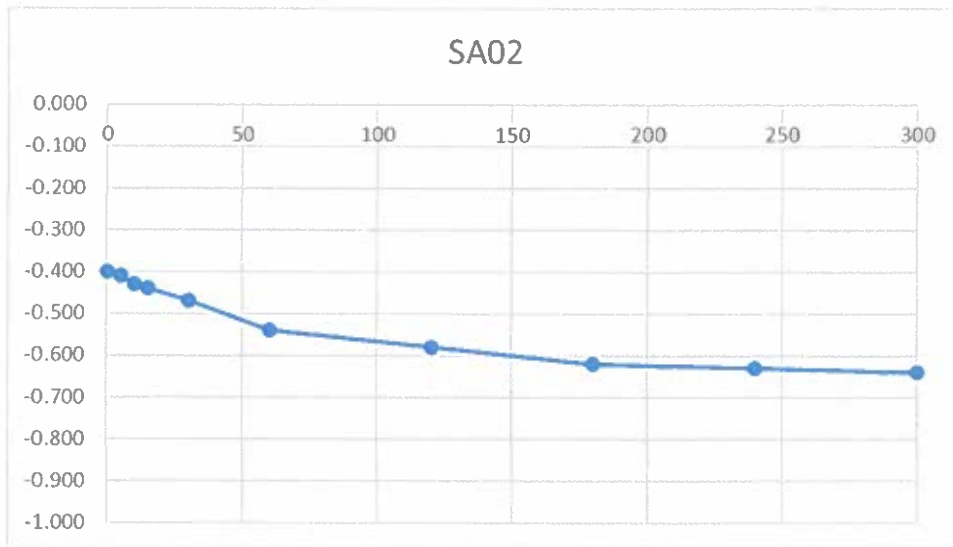
**Soakaway Test to BRE Digest 365**

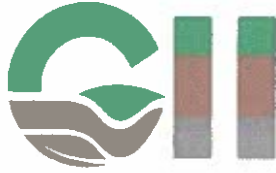
**Trial Pit Dimensions: 1.50m x 0.45m x 1.20m (L x W x D)**

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





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**SA03**

**Soakaway Test to BRE Digest 365**

**Trial Pit Dimensions: 1.60m x 0.45m x 1.00m (L x W x D)**

Date	Time	Water level (m bgl)
14/12/2021	0	-0.340
14/12/2021	5	-0.360
14/12/2021	10	-0.370
14/12/2021	15	-0.390
14/12/2021	30	-0.430
14/12/2021	60	-0.450
14/12/2021	120	-0.490
14/12/2021	180	-0.520
14/12/2021	240	-0.540

**\*Soakaway Failed - Pit Backfilled**

Start Depth	Depth of Pit	Difference	75% Full	25% Full
0.340	1.000	0.660	0.505	0.719





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**SA04**

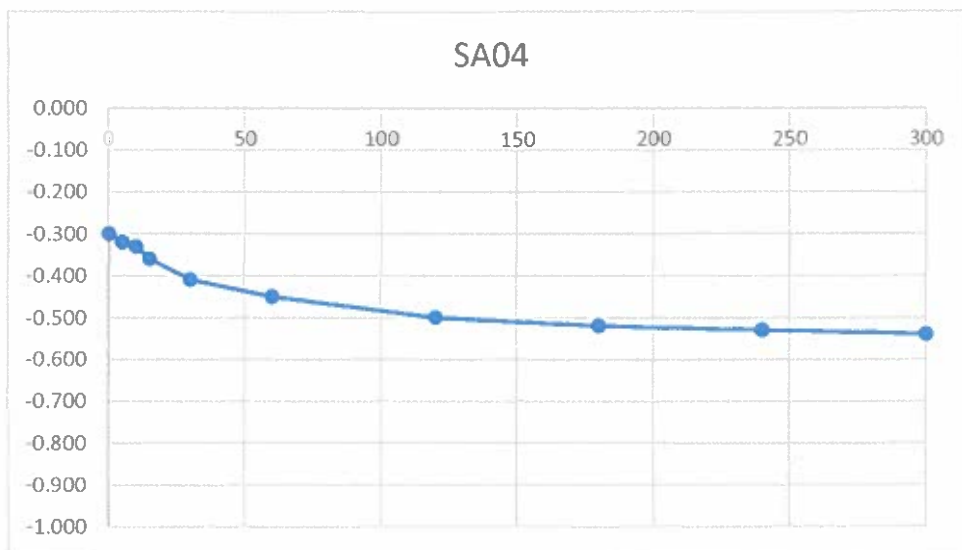
**Soakaway Test to BRE Digest 365**

**Trial Pit Dimensions: 1.40m x 0.45m x 1.20m (L x W x D)**

Date	Time	Water level (m bgl)
14/12/2021	0	-0.300
14/12/2021	5	-0.320
14/12/2021	10	-0.330
14/12/2021	15	-0.360
14/12/2021	30	-0.410
14/12/2021	60	-0.450
14/12/2021	120	-0.500
14/12/2021	180	-0.520
14/12/2021	240	-0.530
14/12/2021	300	-0.540

**\*Soakaway Failed - Pit Backfilled**

Start Depth	Depth of Pit	Difference	75% Full	25% Full
0.300	1.200	0.900	0.525	0.694



**Grangebrook Avenue – Soakaway Photographs**

**SA01**



**SA01**



**Grangebrook Avenue – Soakaway Photographs**

**SA01**



**SA01**



**Grangebrook Avenue – Soakaway Photographs**

**SA02**



**SA02**





**Grangebrook Avenue – Soakaway Photographs**

**SA03**



**SA03**



**Grangebrook Avenue – Soakaway Photographs**

**SA03**



**SA03**



**Grangebrook Avenue – Soakaway Photographs**

**SA04**



**SA04**



**Grangebrook Avenue – Soakaway Photographs**

**SA04**



**SA04**

