Project Number: 22_112

Project: Unit 1, M50 Business Park

Title: SuDS Management Plan Report



Appendix A Borehole and Trial Pit Logs

	act No:			Trial Pit	t Log						Trial Pit	
Contr	act:	DUB602 - Ski Lodg	ge		Easting:	70988	4.685		Date:	2	22/08/2022	
Locat	ion:	Ballymount, Dublin	n 12		Northing:	73016	9.540		Excavato	r: c	JCB 3CX	
Clien	t:	-			Elevation:	67.76			Logged E	By: F	P. McGonag	le
Engin	ieer:	Arup	u u		Dimensions (LxWxD) (m):	2.00 x	x 0.60 x 1.20 Status:		Status:		FINAL	
Level	(mbgl)		Stratum Descrip	'		Legend	Level	(mOD) Samp	oles / F	ield Tests	Wate
Scale:	Depth	MADE COOLING				Legena	Scale:	Depth	: Depth	Туре	Result	Strike
_	0.12	MADE GROUND: co					-	07.04				
	0.12	MADE GROUND: re	einforced concrete.				-	67.64	1			
_	0.25	MADE GROUND: gr	rey silty sandy gravel	(Cl. 804).			67.5 -	67.51				
							-					
0.5 —	0.48	MADE CROUND: ***	rey silty sandy gravel	(01.050)				67.28	3			
0.0		MADE GROUND: gr	rey siity sandy gravei	(CI. 6F2).			_					
							-					
							67.0 —					
							_					
	0.90	Stiff brown slightly sa	andy gravelly silty CL to coarse. Gravel is	AY with high co	bble	× × · · ·	_	66.86	5			
1.0 —		subangular of sands	tone. Cobbles are ar			- × · ×	_		1.00	B	PMc23 PMc24	
-		sandstone.			3		_		1.00	ES	PMc25	
-	1.20	Obstruction - possib				-0-X5	66.5 —	66.56				
-			Pit terminated at 1.2	0m			00.5					
-												
1.5 —												
-							_					
+												
-							66.0 —	200				
-							_					
2.0 —							-					
4							-					
							-					
							65.5 —					
							_					
2.5 —							-					
							_	V *1				
							_	11				
							65.0 —					
-												
-												
		T	D# W-II C: 1 33						1			
(A)		Termination:	Pit Wall Stability:	Groundwater I	Rate: Remar	KS:			Key:			
()		Obstruction - possible boulders.	Pit walls stable.	Dry					B =	Bulk d	isturbed	

	act No: 032		Т	rial Pit I	Log						Trial Pit	
Contr	act:	DUB602 - Ski Lodge)	Eas	sting:	709852	2.288		Date:	2	22/08/2022	
Locat	ion:	Ballymount, Dublin 1	12	No	rthing:	730159	9.299		Excavator	r: J	СВ ЗСХ	
Client	t:	-		Ele	evation:	67.51			Logged By:		P. McGonagle	
Engin	ieer:	Arup			mensions (WxD) (m):	2.00 x	0.60 x	1.35	Status:	F	FINAL	
Level	(mbgl)		0				Level	(mOD)) Samp	les / F	ield Tests	Wate
Scale:			Stratum Description	on		Legend	Scale:			Туре		Strike
_	0.12	MADE GROUND: cor					-	67.39				
- 0.5 -	0.27	MADE GROUND: gre	y silty sandy gravel (Cl. 804).			- - 67.0 —	67.24				
-		Firm brown slightly sa content. Sand is fine t subangular of sandsto sandstone.	o coarse. Gravel is fi	ne to coarse, and	gular to		-	66.97	0.60	ES	PMc26	
-	0.95	Stiff brown slightly sar	ndy very gravelly silty	CLAY with high	cobble		-	66.56	0.80	B D	PMc27 PMc28	
1.0 —		content. Sand is fine to subangular of sandsto sandstone.	to coarse. Gravel is fi	ne to coarse, and	gular to		66.5 -		1.30	В	PMc29	
-	1.35	Obstruction - possible	boulders. Pit terminated at 1.35	m		<u> </u>	_	66.16		D	PMc30	
1.5 -							66.0 —					
-							-					
2.0 —							65.5 -					
-							-					
2.5 —							65.0 —					
							-					
							-	_				
		Termination:	Pit Wall Stability:	Groundwater Ra	ate: Rema	rks:			Key:			
1	(F)	Obstruction -	Pit walls stable.	Dry	-				B =		disturbed	

Contract No: 6032	Trial Pit	Log						Trial Pit	
Contract:	DUB602 - Ski Lodge	asting:	709813	3.662		Date:	19	9/08/2022	
Location:	Ballymount, Dublin 12	orthing:	73017	1.918		Excavator		Γ tracked ccavator	
Client:	- E	levation:	67.59			Logged B	y: P.	McGonag	le
Engineer:		imensions xWxD) (m):	3.30 x	0.30 x	0.70	Status:	FI	NAL	
Level (mbgl)	Stratum Description		Legend	Level	(mOD)	Samp	les / Fie	eld Tests	Water
Scale: Depth			Logeria	Scale:	Depth	Depth	Туре	Result	Strike
0.40	TOPSOIL.			67.5 —	67.49				
	MADE GROUND: brown slightly sandy slightly gravelly silt low brick content.	ty clay with		-	67.49				
0.5 - 0.50	MADE GROUND: brown slightly sandy gravelly silty clay v	vith low		_	67.09	0.50	ES	PMc20	
0.70	30mm PVC water main encountered - pit terminated. Pit terminated at 0.70m			67.0 —	66.89	0.60 0.60	B D	PMc21 PMc22	
				_					
1.0				-					
-				66.5 —					
-				_					
-				-					
1.5									
1.5				66.0 —					
				_					
-				-					
-				-					
2.0									
-				65.5 —					
-				-					
2.5 —				_					
-				65.0 —					
-				-					
							H H		
				_					
45	Termination: Pit Wall Stability: Groundwater R	ate: Remar	ks:			Key:			
	Underground Pit walls stable. Dry	-				B = D =	Bulk dis	sturbed	

	act No: 032		1	Trial Pit Log	g	1					Trial Pit	
Contra	act:	DUB602 - Ski Lodg	е	Easting:	7	709797	.689		Date:	1	19/08/2022	
Locat	ion:	Ballymount, Dublin	12	Northing	: 7	730158	3.896		Excavato		BT tracked excavator	
Client	:	-		Elevation	n: 6	67.76			Logged E	By: F	P. McGonag	le
Engin	eer:	Arup		Dimensio (LxWxD)		3.40 x	0.70 x	0.70	0.70 Status:		FINAL	
Level	(mbgl)		Stratum Descripti			egend	Level	(mOD) Samp	oles / F	ield Tests	Wate
Scale:	Depth	TOPSOIL.	Ottatam Boompa		- N		Scale:	Depth	n: Depth	Туре	e Result	Strike
-							-					
-		MADE GROUND: br medium cobble conte		ghtly gravelly silty clay	with		67.5 —	67.56	5			
-							_					
0.5 —			own sandy gravelly si	ilty clay with medium			_	67.26	0.50	ES	PMc17	
-		cobble content.					-					
-	0.70	Obstruction - possibl	e boulders. Pit terminated at 0.70	Ωm		**********	67.0 —	67.06	0.70	B D	PMc18 PMc19	
-							-					
							-					
1.0 —							-				le le le	
							-					
							66.5 -					
							_					
1.5 —							-					
							-					
_							-					
-							66.0 —	-				
-							-					
2.0 —							-					
-							-					5.
							65.5 -			5		
-							65.5					
-							-					
2.5 —												
-												
-							65.0 —					
-												
-												
			Dit M/s II Ot - 1 111	Crown division Data	2000 - :-1	'0 '			Varia			
1	B	Termination: Obstruction -	Pit Wall Stability: Pit walls stable.		Remark		e at 0.6	SOmbo	Key:		disturbed	
(possible boulders.	i it walls stable.		edge of		J 41 U.	. o. i ibg	D = CBR	Smal = Undi	Il disturbed isturbed CBF onmental	?

	ract No:			Trial Pit	Log						Trial Pit	
Contr	ract:	DUB602 - Ski Lod	lge		Easting:	70981	7.922		Date:		22/08/2022	
Locat	tion:	Ballymount, Dublin	n 12		Northing:	730113	3.294		Excavato	r:	JCB 3CX	
Clien	t:	-			Elevation:	67.60			Logged B	By:	P. McGonag	jle
Engin	neer:	Arup			Dimensions (LxWxD) (m):	2.00 x	0.60 >	2.00	Status:		FINAL	
Level	(mbgl)		Stratum Descrip			Legend	Level	(mOD) Samp	les / F	Field Tests	Water
Scale:		MADE GROUND: ta					Scale:	Depth	: Depth	Тур	e Result	Strike
_	0.00		rey silty sandy grave	el (Cl. 804)			67.5 -	67.52	2			
0.5 —	0.16	Firm becoming stiff with low cobble con	brown slightly sandy tent. Sand is fine to c subangular of sandsto	slightly gravelly coarse. Gravel is	fine to		67.0 —	67.44	1.00	ES B D	PMc31 PMc32 PMc33	
1.5 —	2.00 -		Pit terminated at 2.0	00m	[20] [20] [20] [20]		66.0 —	65.60	2.00 2.00	B D	PMc34 PMc35	
2.5 —							65.0 —					
		Termination:	Pit Wall Stability:	Groundwater F	Rate: Remar	ke:			V			
		Scheduled depth.	Pit walls stable.	Dry	-	NS.			D = CBR =	Small Undis	listurbed disturbed sturbed CBR nmental	

TP01 Sidewall



TP01 Spoil



TP02 Sidewall



TP02 Spoil



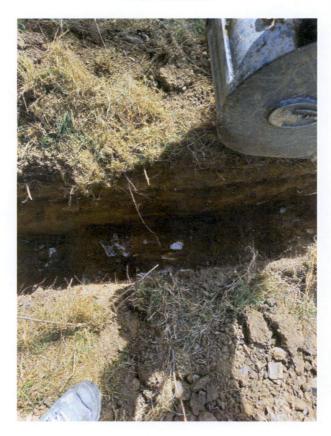
TP03 Sidewall



TP03 Spoil



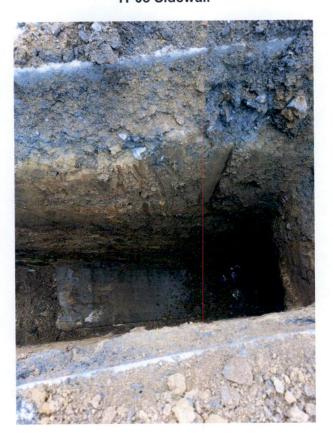
TP04 Sidewall



TP04 Spoil



TP05 Sidewall



TP05 Spoil



	act No: 032	Window Sa	ample l	_0	g				С	orehole WS(
Contra	ict:	DUB602 - Ski Lodge	Easting:	70	9849.232	2	Date	Started:	31/08	3/2022	
Location	on:	Ballymount, Dublin 12	Northing:	73	0203.113	3	Logg	ed By:	D. Cla	arke	
Client:		-	Elevation:	67	.26		Scale) :	1:15		
Engine	er:	Arup	Rig Type:	Co	mpetitor	130	Shee	t No:	Sheet 1 of 1		
	h (m)	Strata Description			Legend	Level			amples	S	Backfi
Scale	Depth	TOPSOIL.				Scale	Level	Depth	Туре	Ref:	
-											
		MADE GROUND: grey silty sandy gravel with low	cobble cont	ent.		67.0—	67.06				
	0.30	Firm brown slightly sandy gravelly silty CLAY with content.	high cobble		<u>~~~~</u>	_	66.96				
0.50 —		oonien.			8 0 X						
0.50						_					
_	0.70				× × · × ×	-	00.50				
_		Brown silty gravelly SAND.			- · · · · · · · · · · · · · · · · · · ·	66.5 —	66.56				
						-					
1.00 —					4 4 4 6	-					
					d	-					
_					0.00	-					
-				3	d0	66.0 —					
_					d , _ d , d , d , d , d , d , d , d , d	-					
1.50 —					2 0 0	-					
-	1.60	Brown silty sandy GRAVEL with low cobble conter	-4		2 0 0	-	65.66	1 -			
-	ľ	Stown sitty sainty Stravel with low copple conter	π.		× × Me	+		.22			
-					alic × alic	65.5 —					
-					× × ην × × ην	+					
2.00—	2.00	No recovery.			sle × sle	-	65.26				
+											
+											
+						65.0 —					
-											
2.50											
						64.5 —					
						37.5					
	3.00	End of Sample at 3 00m				(54.26				

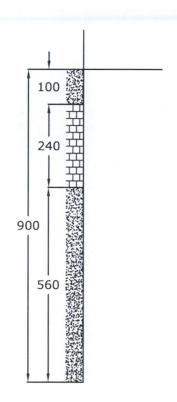
WS01 0.00m - 1.00m



WS01 1.00m - 2.00m



FIP01





Foundation Details:

100mm concrete overlying 240mm blocks overlying 560mm concrete. No extension from building wall.

Ground Conditions:

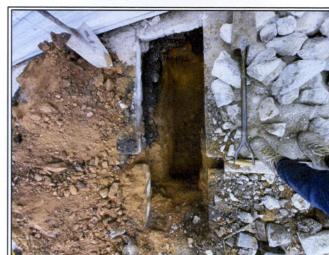
0.00m: MADE GROUND: concrete.

0.10m: MADE GROUND: grey silty sandy gravel (mixed

CL.804 and Cl. 6F2).

0.54m: Firm brown slightly sandy gravelly silty CLAY with

medium cobble content. **1.40m:** Pit terminated.

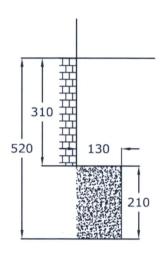




SITE INVESTIGATIONS LTD

Project:		Logged by: Excavation S P. McGonagle 18/08/2		Excavat 18/0	
Location:	Ballymount, Dublin 12	Scale: NOT TO SCALE,	ALL DISTANCES IN	S IN mm	
Consultant:	Arup	DEPTH ARE TO T	HE TOP OF SERVI	CES	

FIP02





Foundation Details:

310mm concrete blocks overlying 210mm concrete foundation, extends 130mm from wall.

Ground Conditions:

0.00m: MADE GROUND: concrete.

0.10m: MADE GROUND: grey silty sandy gravel (mixed

CL.804 and Cl. 6F2).

0.35m: Firm brown slightly sandy gravelly silty CLAY with

medium cobble content. 1.20m: Pit terminated.





SITE INVESTIGATIONS LTD

Project: DUB602 - Ski Lodge Location:

Ballymount, Dublin 12

Consultant: Arup P. McGonagle NOT TO SCALE, ALL DISTANCES IN mm

Logged by:

DEPTH ARE TO THE TOP OF SERVICES

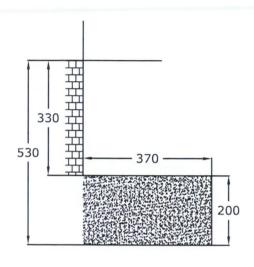
Excavation Started:

18/08/2022

Excavation Finished:

18/08/2022

FIP03



Foundation Details:

330mm concrete blocks overlying 200mm concrete foundation, extends 370mm from wall.

Ground Conditions:

0.00m: MADE GROUND: tarmacadam.

0.06m: MADE GROUND: grey silty sandy gravel (CL.804). 0.44m: Firm brown slightly sandy slightly gravelly silty CLAY

with medium cobble content.

0.60m: Pit terminated.

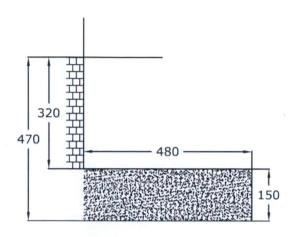






Project:		Logged by: P. McGonagle	Excavation Started: 19/08/2022		tion Finished 08/2022
Location:	Ballymount, Dublin 12	Scale: NOT TO SCALE,	ALL DISTANCES IN	N mm	6
Consultant:	Arup	DEPTH ARE TO 1	THE TOP OF SERVI	CES	0

FIP04



Foundation Details:

320mm concrete blocks overlying 150mm concrete foundation, extends 480mm from wall.

Ground Conditions:

0.00m: MADE GROUND: tarmacadam.

0.06m: MADE GROUND: grey silty sandy gravel (CL.804). 0.36m: Firm brown sandy gravelly silty CLAY with medium

cobble content.

0.55m: Pit terminated.



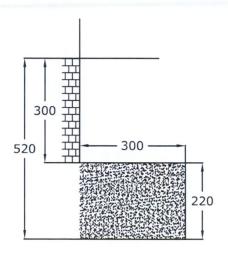




SITE INVESTIGATIONS LTD

Project:	DUB602 - Ski Lodge	Logged by: P. McGonagle	Excavation Started: 19/08/2022		ation Finished: /08/2022
Location:	Ballymount, Dublin 12	Scale: NOT TO SCALE,	ale: NOT TO SCALE, ALL DISTANCES IN mm		
Consultant:	Arup	DEPTH ARE TO	THE TOP OF SERVI	CES	01

FIP05



Foundation Details:

300mm concrete blocks overlying 220mm concrete foundation, extends 300mm from wall.

Ground Conditions:

0.00m: MADE GROUND: tarmacadam.

0.06m: MADE GROUND: grey silty sandy gravel (CL.804). **0.18m:** Firm brown slightly sandy slightly gravelly silty CLAY

with medium cobble content. **0.60m:** Pit terminated.

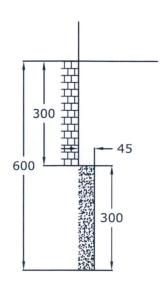






Project:	111186117 - 51/110000	Logged by: P. McGonagle	Excavation Started: 19/08/2022		tion Finished: 08/2022
Location:	Ballymount, Dublin 12	Scale: NOT TO SCALE,	ALL DISTANCES IN	N mm	61
Consultant:	Arup	DEPTH ARE TO	THE TOP OF SERVI	CES	01

FIP06



Foundation Details:

300mm concrete blocks overlying 300mm concrete foundation, extends 45mm from wall.

Ground Conditions:

0.00m: MADE GROUND: concrete.

0.10m: MADE GROUND: grey silty sandy gravel (mixed

CL.804 and CL. 6F2).

0.20m: Firm brown slightly sandy slightly gravelly silty CLAY

with medium cobble content. **0.70m:** Pit terminated.



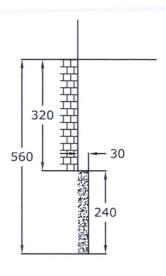




SITE INVESTIGATIONS LTD

Project:	DUB602 - Ski Lodge	Logged by: Excavation Started: Excavation Finished 18/08/2022 18/08/2022
Location:	Ballymount, Dublin 12	Scale: NOT TO SCALE, ALL DISTANCES IN mm
Consultant:	Arup	DEPTH ARE TO THE TOP OF SERVICES

FIP07



Foundation Details:

320mm concrete blocks overlying 240mm concrete foundation, extends 30mm from wall.

Ground Conditions:

0.00m: MADE GROUND: concrete.

0.08m: MADE GROUND: grey silty sandy gravel (CL.804). 0.38m: Firm brown slightly sandy slightly gravelly silty CLAY

with medium cobble content. 0.60m: Pit terminated.







VS L	TD	Lo
		C

	,
SLTD	Locati
	C

Project:	DUB602 -	S	ki	Lo	dg	e

Excavation Started:

Logged by:

Excavation Finished:

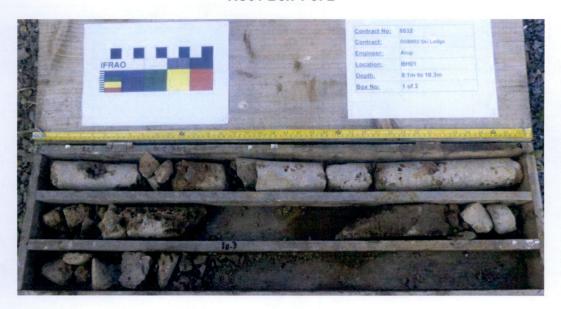
Contract N 6032	Rotary Cor	ehc	ole	Lo	g				rehole					
Contract:	DUB602 - Ski Lodge	Easti	ng:	70	09870.698	Date Sta	arted:	14/09/	2022					
_ocation:	Ballymount, Dublin 12	North	ing:	73	30179.994	Date Completed: Drilled By:		21-0						
Client:	-	Eleva	tion:	67	7.50									
Engineer:	Arup	Rig Type:		Rig Type: Son		Rig Type: Sor		Rig Type: Sond		Status:		FINAL		
Depth (m)	Stratum Description	Legend	Lev (mC		Samples		Roc	k Indice:	s	Back				
Scale Depth	Hand dug excavation pit.	Logona	Scale	_		TCR	% SCR	/% RQD/%	FI/m	Duci				
0.5 - 1.00 1.00 1.5	Open hole drilling - driller reports returns of brown silty sandy CLAY with cobbles and boulders. Moderatley strong to stong light grey LIMESTONE with abundant karstic features. Slightly to moderately weathered. Discontinuities - rough, planar to undulating and stepped, tight to open, sub-horizontal and 30-50" dip, surfaces stained brown with some clay infilling. Discontinuities - non-intact.		67.0 — 66.5 — 66.5 — 65.5 — 65.0 — 64.5 — 63.0 — 62.5 — 62.5 — 62.0 — 62.5 — 62.5 — 62.5 — 62.5 — 62.5 — 62.5 — 62.5 — 62.5 — 62.5 — 62.5 — 62.5 — 62.5 — 62.5 — 62.5 — 62.5 — 62.5 — 62.5 — 63	59.40	8.10 - 9.10 9.10 - 9.40	94			6 Ni					
9.5	Discontinuities - karstic feature. Discontinuities - non-intact.		58.0		9.40 - 10.30	33		0	Cave					
-	Continued on next page		-											
	Installation: Backfill:	Remar	KS:											
(A)	From: To: Pipe Type: From: To: Type:	_						PER PAR						

Contract No: 6032	Rotary Cor	eho	ole L	_(og				rehole			
Contract:	DUB602 - Ski Lodge	Easti	ng:	7	09870.698	Date St	tarted:	14/09/	2022			
ocation:	Ballymount, Dublin 12	North	ning:	7	30179.994	.50 Drilled By:						
Client:	-	Elevation: 67		Elevation:						6	7.50	
ngineer:	Arup	Rig T	ype:	S	Sondeq			FINAL				
Depth (m)	Stratum Description	Legend	Leve (mOl	D)	Samples	TCF		k Indices		Back		
- M	loderatley strong to stong light grey LIMESTONE with bundant karstic features. Slightly to moderately weathered.		- Council E	СР		1.01	0 70 00 70	70 112511	Ni			
0.5	Discontinuities - karstic feature.		57.0		10.30 - 11.00	C	0	0	Cave	Appropriate		
1.0	Discontinuities - rough, planar and stepped, tight to open, sub-horizontal and 40-50* dip, occasionally sub-vertical, surfaces stained brown.		56.5 —		11.00 - 11.80	9	0 69	58				
2.0			55.5		11.80 - 12.50	3	6 36	23	3			
2.5 = 12.50	End of Corehole at 12.50m		55.0 —	55.0	0		-					
3.0			54.5									
3.5 -			54.0 —									
4.0			53.5									
5.0			52.5									
5.5			52.0									
6.0			51.5									
5.5			51.0									
7.0			50.5 —									
7.5 —			49.5									
3.5			49.0									
9.0			48.5									
9.5			48.0									
1			-									
	Installation: Backfill:	Remar	ks:									
	From: To: Pipe Type: From: To: Type: 0.00 12.50 Bentonite	-										

Contract No.	Rotary Cor	ehc	ole	Lo	og					ehole	
Contract:	DUB602 - Ski Lodge	Easti	Easting: 709816.994		09816.994	Date Started		ted:	d: 13/09/2022		
Location:	Ballymount, Dublin 12	North	ing:	7	30112.498		Date Completed: Drilled By:				
Client:	-	Eleva	ition:	6	37.57	_					
Engineer:	Arup	Rig T	ype:	S	Sondeq	Sta	tus:	FINAL			
Depth (m)			Lev	vel					Indices		Darl
Scale Depth	Stratum Description	Legend	Scale		Samples		TCR/%	SCR/9	% RQD/%	FI/m	Back
=	Hand dug excavation pit.		67.5 —								
0.5			67.0								
1.00				66.5	7						
-	Open hole drilling - driller reports returns of brown silty sandy CLAY with cobbles and boulders.	\$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0	66.5	00.0							
1.5		\$ 0 × 0	66.0								
=		**************************************	=	2							
2.0		× 0× 0	65.5								
2.5		-0:-0U -0:-0X -0X -0X -0X -0X -0X -0X -0X -0X -0X	65.0								
=		÷	55.0								
0.0		0.00	64.5								
3.5		÷ 0									
]		0.00	64.0								
4.0		÷ 0	63.5								
		0000 00000 00000	=								
4.5		× 20 × 0	63.0		N=22 (2,3/3,5,7	,7)					
5.0		**************************************	=								
		\$ 000 \$ 000 \$ 000	62.5 —								
5.5		-0:-90 -0:-0:-0:-0:-0:-0:-0:-0:-0:-0:-0:-0:-0:-	62.0								
		\$ 000 C	=								
6.0		\$0.00 \$0.00 \$0.00	61.5								
6.5		0.00 0.00 0.00 0.00 0.00	61.0	1							
		-00 -00 -00									
7.0		\$ 000 \$ 000 \$ 000 \$ 000	60.5								
7.5 - 7.30	Moderatley strong to stong light grey biege LIMESTONE with requent calcite veins and abundant karstic features. Slightly to	117		60.2	7						
	noderately weathered, occasionally highly weathered.		60.0		7.30 - 8.30		98	61	43	7	
8.0	open, sub-horizontal and sub-vertical dip, surfaces stained grey and brown with some clay infilling.		59.5								
-	Discontinuities - rough, planar to slightly undulating and stepped, tight to open,										
8.5	sub-horizontal and 20-30" dip, surfaces stained grey and brown with some clay infilling.		59.0		8.30 - 9.30		100	93	93		
9.0			58.5		0.00 - 0.00		100	00			
=										3	
9.5			58.0		9.30 - 10.30		98	98	84		
=											
	Continued on next page Installation: Backfill:	Remar	ke.								
1	From: To: Pipe Type: From: To: Type:	Remar -	N5.				100				

Contract No: 6032	Rotary Core	eho	ole l	_C	og				rehole No RC02		
Contract:	DUB602 - Ski Lodge	Easti	ng:	7	09816.994	Date	Started:	13/09/	2022		
Location:	Ballymount, Dublin 12	nt, Dublin 12 Northi		7:	30112.498	Date Completed:				14/09/	2022
Client:	-	Eleva	ition:	6	7.57	Drilled By:		MEDL			
Engineer:	Arup	Rig T	ype:	S	ondeq	Statu	ıs:	FINAL			
Depth (m)	Stratum Description	Legend	Leve (mOl		Samples		Roo	k Indices	s Bac		
Scale Depth		Logona	Scale [h	-	TCR/% SCF	R/% RQD/%			
10.20 fre	oderatley strong to stong light grey biege LIMESTONE with equent calcite veins and abundant karstic features. Slightly to oderately weathered, occasionally highly weathered. End of Corehole at 10.30m		57.0	57.27	,						
11.0			56.5								
1.5			56.0								
12.0			=								
=			55.5 —								
12.5			55.0								
3.0			54.5								
3.5			=								
=			54.0 —								
4.0			53.5								
4.5			53.0								
5.0			52.5								
5.5			52.0								
6.0			-								
			51.5 —								
6.5			51.0								
7.0			50.5								
7.5 =			50.0								
8.0			49.5								
8.5			=								
]			49.0								
9.0			48.5 —								
9.5 -			48.0								
-			=								
	Installation: Backfill: F	Remar	ks:								
13	From: To: Pipe Type: From: To: Type: -	Jana									

RC01 Box 1 of 2



RC01 Box 2 of 2



RC02 Box 1 of 1



Survey Data

Location	Irish Transve	erse Mercator	Elevation	Irish Nati	onal Grid
Location	Easting	Northing	- Elevation -	Easting	Northing
		Tria	al Pits		
TP01	709884.685	730169.540	67.76	309957.823	230142.364
TP02	709852.288	730159.299	67.51	309925.419	230132.121
TP03	709813.662	730171.918	67.59	309886.784	230144.742
TP04	709797.689	730158.896	67.76	309870.808	230131.717
TP05	709817.922	730113.294	67.60	309891.046	230086.106
		Windov	/ Samples		
WS01	709849.232	730203.113	67.26	309922.362	230175.944
		Dynam	ic Probes		
DP01	709852.888	730158.629	67.55	309926.019	230131.451
DP02	709827.424	730184.945	67.47	309900.549	230157.772
DP03	709812.865	730172.133	67.56	309885.987	230144.957
DP04	709796.966	730158.727	67.77	309870.085	230131.548
DP05	709817.329	730112.769	67.58	309890.453	230085.580
		Soakav	vay Tests		
SA01	709828.569	730184.944	67.56	309901.694	230157.771
		Foundation	Inspection Pits		
FIP1	709850.117	730155.804	67.68	309923.247	230128.625
FIP2	709858.187	730146.140	67.75	309931.319	230118.959
FIP3	709825.293	730172.870	67.66	309898.418	230145.695
FIP4	709812.373	730162.259	67.60	309885.495	230135.081
FIP5	709803.557	730155.072	67.84	309876.677	230127.893
FIP6	709817.747	730120.080	67.78	309890.871	230092.893
FIP7	709822.445	730114.560	67.74	309895.570	230087.372
		Rotary	Coreholes		
RC01	709870.698	730179.994	67.50	309943.833	230152.820
RC02	709816.994	730112.498	67.57	309890.118	230085.309

pocations By Type - DP bocations By Type - IP bocations By Type - OP bocations By Type - RC ocations By Type - TP

ocations By Type - WS

	Road	
and the second s	almount Road WS@1	11/1/11
		11/11/7
Calmount Road	DP02 SA01 RC0:	
TP03 DP03	FIP03	TP01
R838 DP04 FIP04 TP04 TP04	TP02 DP10 TP01 DP01	
	09 DP10 DP01 DP01	Rallymount Ave
FIPOS DP DP12	FIP02	Rallyn
ETDOS	DP07 DP06	Bhaile An Antota
TDG	DP08 Ascall	
RC02 DP05	FIP07	The state of the s
d d		350
tions.ie Microsoft product agrees (a copy) regulated with powerlaston from Microsoft Co		30 Metres 100 Feet



No:

Name:

6032

Arup Site Plan

DUB602 - Ski Lodge Ballymount, Dublin 12

> Site Investigations Ltd The Grange 12th Lock Road Lucan Co. Dublin T: 01 6108768 e: info@siteinvestigations.i

Project Number: 22_112

Project: Unit 1, M50 Business Park

Title: SuDS Management Plan Report



Appendix B Infiltration Test Results

SOAKAWAY TEST

Project Reference:	6032	
Contract name:	DUB602 - Ski Lodge	
Location:	Ballymount, Dublin 12	
Test No:	SA01	
Date:	19/08/2022	П



Ground Conditions

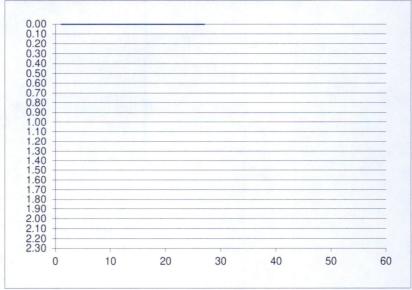
Ground Con	ditions	
From	То	
0.00	0.10	TOPSOIL.
0.10	0.40	MADE GROUND: brown slightly sandy slightly gravelly silty clay.
0.40	0.60	Stiff brown slightly sandy gravelly silty CLAY with high cobble and low boulder content.

Remarks:

Obstructions at 0.60mbgl - pit terminated and test cancelled due to shallow nature of pit.

Obstructions at	0.60mbgl - pit
Elapsed Time	
(mins)	(m)
-	-
	-
-	7 (S) - (S)
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
	-
-	-

nated and test cancelled due to	J Shallow Ha	dure of pit.
Pit Dimensions (m)		
Length (m)	2.20	m
Width (m)	0.30	m
Depth	0.60	m
Water		
Start Depth of Water	-	m
Depth of Water	-	m
75% Full	-	m
25% Full	-	m
75%-25%	-	m
Volume of water (75%-25%)	-	m3
Area of Drainage	-	m2
Area of Drainage (75%-25%)	-	m2
Time		
75% Full	-	min
25% Full	-	min
Time 75% to 25%	-	min
Time 75% to 25% (sec)	-	sec



f = <u>Cancelled</u> or m/min Cancelled m/s

SA01 Sidewall



SA01 Spoil

