						Priority	Borehole No		
PRIORITY						Tel: 02 Fax: 0	BH02A		
GEOTECHNICAL						emaii:	geotechnic	cal@priority.ie	Sheet 1 of 2
Project Name					Pi	roject i	No.	Co-ords: E - N	Hole Type
								CU-01us. E -)N	Cable
Location:								Level: 2.13 m AOD	Scale 1:50
Client:								Dates:	Logged By
Well	Water Strikes		es & I	n Situ Testing Results	Depth (m)	Level (m AOD	Legend	Stratum Description	
			1					Driller describes limestone FILL (Cl-804).	-
		0.50	D		0.30	1.83		FILL described as dark brown / black, slightly gravelly (fir	e to coarse,
		0.30-1.20	В					sub-angular to sub-rounded), slightly sandy (fine to coars brick and concrete fragments.	e) SILT with
		1.00	D						1
		1.20	SPT	N=6	1.20	0.93		Ell I described as self-ded brown (black constitutions)	
		1.20-1.65 1.20-1.65	D B	(1,1/ 1,1,2,2)				FILL described as soft, dark brown / black, very silty, very to coarse) GRAVEL (fine to coarse, subangular to subroughbles bridge and to coarse).	nded) with
		1.50	D					cobbles, brick and concrete fragments. 1.2m - 2m, with pieces of shells.	-
		2.00	SPT	N=3	2.00	0.13			2
		2.00 2.00-2.45	D D	(0,1/ 0,1,1,1)				FILL described as very soft, mottled dark grey, brown and slightly sandy, slightly gravelly (fine to medium, sub-round	ded to
Ξ		2.00-2.45 2.50	B					rounded, tabular) SILT with plant remains and with glass	and metal.
- E		3.00 3.00	SPT	N=2	3.00	-0.88	$\times \times \times \times \times$	Very soft, mottled dark grey and brown SILT with shell fra	3
		3.00-3.45	D	(0,1/ 0,1,0,1)			××××× ×××××	tory son, money dark groy and brown one i with shell he	gements.
		3.00-3.45 3.50	B D				××××		
Ξ							× × × × × × ×		-
		4.00 4.00	SPT	N=5 (0,0/			X X X X X X X X X X X X X X X X X X X		-4
		4.00-4.45 4.00-4.45	D B	0,1,2,2)			××××		Ė
		4.50 4.70	D W				× × × × ×		
							× × × × ×		
		5.00 5.00	SPT	N=6 (0,1/	5.00	-2.88	X x x x x x x x x x x x x x x x x x x x	Soft, dark grey SILT with rare plant remains and patches	of slightly 5
		5.00-5.45 5.00-5.45	B	0,1,2,3)			X X X X X X X X X X X X X X X X X X X	gravelly (fine to coarse, sub-angular to sub-rounded, tabusandy (fine to coarse) SILT.	lar), slightly
							X X X X X X X X X X X X X X X X X X X		
		6.00	CPT	N=11	6.00	-3.88	X		
		6.00 6.00-6.45	D B	(2,2/ 3,2,3,3)	0.00	0.00	× × × ×	Medium dense, dark grey, silty, sandy (fine to coarse) GF coarse, sub-angular to sub-rounded, tabular, some elong	AVEL (fine to
		0.00-0.43		5,2,5,5)			××××	(less than or equal to 0.150m x 0.150m x 0.100m) of dark plant remains.	
							× × ×		-
		7.00	D		7.00	-4.88	× × × *	Madius dans dad 10	7
		7.00-7.45	В				× × × ×	Medium dense, dark grey very silty sandy (fine to coarse to coarse, sub-angular to sub-rounded, tabular) with shell	
		7.50	CPT	N=29			× × × ×		-
				(2,4/ 6,6,8,9)			× × × *		
					8.00	-5.88	x * x	Medium dense, dark grey, slightly sandy (fine to coarse),	silty GRAVEI
		8.00-8.45	В				× ^ × ×	(fine to coarse, angular to rounded, tabular) with lenses (I equal to 0.030m x 0.030m x 0.010m) of dark grey SILT.	
							× × × ×	Square to stock the stock of th	
							× × × *		-
		9.00	CPT	50 (3,6/	9.00	-6.88	x x x	Very dense, dark grey, sandy (fine to coarse), slightly silty	
		9.00-9.45	В	7,7,13,23 for 60mm)			x	(fine to coarse, sub-angular to sub-rounded, some tabular of dark grey SILT and with shell fragments.) with lenses
							×. × × *	-	
5 G2 S							X X X X		[]
Daire	nul:	lease : "	Туре	Results		70 .		Continued next sheet	
THE IT IS	ains.	HISDECTIC	лι Юπ	uuu, vvaler sirik	e at 4.	7 UITI. I	HIOWING	slowly, rose to 4.50m after 5 min rose to	4 20m after

Remarks: Inspection pit dug. Water strike at 4.70m, inflowing slowly, rose to 4.50m after 5 min, rose to 4.20m after 10 min, rose to 4.00m after 15 min, remained at 4.00m after 20 min. Chiselling from 10.20m to 10.40m for 25 min. 250mm dia casing reduced to 200mm dia below 10.5m. Backfilled with grout and arisings. Standpipe installed, response zone 1.00m to 4.00m.

■							Geoteci	nnical Ltd Borehole No	
PRIORITY						Fax: 02	21 46386	90 B H02A	1
GEO.	TECHN	ICAL				emaii:	geotecnr	sical@priority.ie Sheet 2 of 2	1
Project Name Pr						roject N	Vo.	Hole Type	1
								Co-ords: E - N Cable	
Loc	ation:							Scale	1
								Level: 2.13 m AOD 1:50	1
Clie	nt.							Logged By	
Cile	111.							Dates:	1
Well	Water Strikes	Sample Depth (m)	Type	Situ Testing Results	Depth (m)	Level (m AOD)	Legend	Stratum Description	1
				1100010	10.00	-7.88		Very dense, dark grey, purple, green, white and orange, slightly silty,	┨
		10.00-10.45						slightly sandy (fine to coarse) GRAVEL (fine to coarse, predominantly coarse, angular to rounded, tabular) with COBBLES (sub-angular to	
		10.50	CPT	50 (8,10/				rounded, tabular).	ı
				13,20,17 for 59mm)					
		44.00.44.45			11.00	-8.88		Medium dense, purple, green, white and orange, slightly sandy (fine to	1
		11.00-11.45	В					coarse) GRAVEL (fine to coarse, predominantly coarse, sub-angular to rounded, some tabular) with frequent cobbles (sub-angular to	ı
								sub-rounded).	1
									ı
		12.00 12.00-12.45	CPT	N=25 (4,4/	12.00	-9.88	×××	Medium dense, purple / brown with purple, green, white and orange,	2
		12.00-12.45	В	4,6,7,8)			× × × ×	slightly silty, very sandy (fine to coarse) GRAVEL (fine to coarse, angular to rounded, tabular) with cobbles (sub-angular to sub-rounded).	ı
							× × × *	-	
							× × × ×		
		13.00-13.45	В		13.00	-10.88		Dense, purple / brown with purple, green, white and orange, gravelly	
				N. G.				(fine to coarse, angular to rounded, tabular) SAND (fine to coarse).	ı
		13.50	CPT	N=34 (3,6/					ı
				6,7,9,12)	44.00	1.00			۱
		14.00-14.45	В		14.00	-11.88		Medium dense, purple / brown with purple, green, white and orange, slightly gravelly (fine to coarse, angular to rounded, tabular) SAND	1
		11.00 11.40						(fine to medium). Content of GRAVEL is very slight. SAND becoming medium dense below 15m.	
								dense below 15m.	
		15.00	CPT	N=16					
		15.00-15.45	В	(2,3/ 3,4,4,5)				- 15	
				5,4,4,5)				[ı
									ı
					16.00	-13.88		16	ı
		16.00-16.45	В					Dense, purple / brown SAND (fine to medium).	ı
		16.50	CPT	N=31					
				(3,6/ 8,7,7,9)				Ę	
					17.00	-14.88		17	ı
		17.00-17.45	В					Medium dense, purple / brown with purple, green, white and orange, slightly silty, slightly gravelly (fine to coarse, angular to rounded,	
								tabular) SAND (fine to coarse). Content of GRAVEL is very slight.	
									ı
		18.00	CPT	N=30				18m - 19m, SAND is dense to very dense.	l
		18.00-18.45	В	(2,3/ 8,7,7,8)				Tom - Tant, GAIND is defise to very defise.	ı
								l.	
		i						19m - 20m, SAND is medium dense and predominantly fine to medium	Nov 03
		19.00-19.45	В					grained.	od 27th
45		19.50	CPT	N=25					rg v2 dat
				(3,4/ 6,5,7,7)					rehole Lo
			Туре	Results				End of Borehole at 20.00 m	dard Bor
D		Imama att	ta	due Males II	1.4		<i>(</i> 1 ·		15

Remarks: Inspection pit dug. Water strike at 4.70m, inflowing slowly, rose to 4.50m after 5 min, rose to 4.20m after 10 min, rose to 4.00m after 15 min, remained at 4.00m after 20 min. Chiselling from 10.20m to 10.40m for 25 min. 250mm dia casing reduced to 200mm dia below 10.5m. Backfilled with grout and arisings. Standpipe installed, response zone 1.00m to 4.00m.