

APPENDIX D - FIELDWORK RECORDS



Project					BOREHOLE No
Rybrook High	Wycombe				DUANA
Job No	Date 03-03-21	Ground Level (m)	Co-Ordinates ()		BH101
20008J	03-03-21	151.66	E 485,761.1	N 191,511.5	
Contractor		•			Sheet
Discovery CE I	Ltd				1 of 3

SAMPI	LES &	TESTS	7.				STRATA							ent/
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thick- ness)			DESCF	RIPTION			Geology	Instrument
0.50-1.00 0.50 0.50 1.20-1.65 1.20 1.50 2.00-2.45 2.00	B D ES	N19 4,3/ 5,5,4,5 N17		151.56 151.36		0.10/0.30	MADE GR Firm becor gravelly sli and mediu chalk. Cob	OUND: Bound of the strict of t	rick type 1 l elow 1.2 m CLAY wit	hardcore. (I bgl brown th low cobb subrounde nt.	Orillers Des rarely stained le content.			
2.50-3.00 2.50 2.50 2.50 3.00-3.45 3.00	B D ES SPT	2,4/ 3,4,5,5 N9 1,1/ 2,2,2,3		149.16	× × × × × × × × × × × × × × × × × × ×	2.50	gravelly SI medium sa weak chalk	LT with rand. Gravel and flint.	re pockets o is angular to	of orange brounders	own clayey ed fine and	orangish brown fine and medium of DN, Grade DM)		
4.00-4.45	U100	75 blows 77%		147.66	X X X X X X X X X X X X X X X X X X X	4.00	open and in orange bro	nfilled with	white com	minuted cha	alk and rare	ALK. Probably pockets of etween 4 - 5 m		
4.50 5.00-5.45 5.00 5.50	D SPT D	N17 2,3/ 3,4,4,6				(2.50)	Recovered GRAVEL clayey med coarse of v	as: White is with low column sand. ery weak lot rare pocket	rarely staine obble conter Gravel is an ow density c ets of orang	ed yellow wat and rare pagular to sulchalk and flee brown cla	ith black sp pockets of obrounded m int with low ayey fine an	orange brown nedium and v cobble		
6.00-6.45 6.00 6.50	SPT D	N16 3,2/ 3,4,4,5		145.16		6.50								
7.00-7.45 7.00 7.50	SPT D	N36 4,6/ 7,9,9,11												
Bor	ing Pro	ogress and	l W	ater Ob	servati	ons		Chisellin	g	Water	Added	GENE	RAI	1
Date	Time	Depth		Casir Depth   I		Water Dpt	From	То	Hours	From	То	REMA		
				Sput	<u>- m. 11111</u>							Cable Percussion to 20.45 m bgl. encountered. 50 standpipe install - 4 m bgl slotted bgl to GL plain bgl to GL bento	No GV mm led fro d pipe, pipe,	W om 1 4 n 3.5 1
All dimer	asions in ale 1:50	metres C	lient	Deale Ltd	ership I	Developm	nents Meth Plant	od/ Used	DAND	O 3000		Logged By C7	7	



Project				BOREHOLE No
Rybrook High	Wycombe			DUAGA
Job No	Date 03-03-21	Ground Level (m)	Co-Ordinates ()	BH101
20008J	03-03-21	151.66	E 485,761.1 N 191,51	11.5
Contractor				Sheet
Discovery CE	Ltd			2 of 3

Disc	covery	y CE Ltd										2 0	of 3
SAMPLI	ES &	TESTS	ı.					STRA	TA				/ pmt/
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thick- ness)			DESCI	RIPTION			Geology
8.00-8.37 8.00	SPT	N50/220mm 6,10/ 14,18,18,0	1			(4.00)	between 9. white com	0 - 9.5 m by	gl CHALK. alk and rare	Probably of pockets of	open and into	and medium	
8.50	D	14,18,18,0				(1.00)	(SEAFOR	D AND NE	WHAVEN	CHALK F	ORMATIC	- 9.5 m bgl. DN, Grade C)	
9.00-9.45 9.00	SPT	N32 5,7/ 7,9,8,8				- - - -	and locally rare pocke angular to	stained yel ts of orange subrounded	low between fine and many long	en 9.0 - 9.5 nedium sand nedium of v	m bgl grave d and browr veak and ve	orangish brown elly SILT with n clay. Gravel is ry weak	
9.50 9.50	D ES	,,,,,,,				- - - -	medium ar	id low dens	ну спавк ап	id rare mini	. (continuea	<i>)</i>	
10.00-10.45 10.00	SPT	N24 3,4/		141.16		10.50							
10.50	D	6,6,5,7				-	white com	minuted cha	alk and rare	pockets of	orange fine	nd infilled with e and medium en 10.5 - 16.5	
11.00-11.45 11.00	SPT	N25 5,4/				- - - -						N, Grade C/B)	
11.50	D	5,6,7,7				-	slightly silt orange fine	y GRAVEI e and mediu	between 1 m sand and	8 - 19 m b I brown cla	y gravelly S gl with rare y. Gravel is	pockets of angular to	
12.00-12.45 12.00	SPT	N36 6,8/				- - - - -	subrounde	d fine and n	nedium of v	weak mediu	ım density c	chalk and flint.	
12.50	D	7,9,9,11				- - - -							
13.00-13.45 13.00	SPT	N39 6,8/ 10,9,9,11				- - - - -							
13.50	D					- - -							
14.00-14.45 14.00	SPT	N39 5,7/				-							
14.50	D	10,10,8,11				- - - - -							
15.00-15.45 15.00	SPT	N37 5,7/				(9.95)							
15.50	D	7,9,10,11				- (3.33) - - -							
Bori	ng Pr	ogress and	l Wa					Chiselling	g	Water	Added	GENE	RAL
Date	Time	Depth	D	Casii epth	ng Dia. mm	Water Dpt	From	То	Hours	From	То	REMA	RKS
												Cable Percussit to 20.45 m bgl. encountered. 50 standpipe insta - 4 m bgl slotte bgl to GL plain bgl to GL bento	No GW mm lled from d pipe, 4 pipe, 3.5
All dimens	ions in		lient	Deal Ltd	ership [	Developm	nents Meth	nod/ t Used	DAND	O 3000		Logged By C	Γ

	Bo	ring Prog	gress and	Water C	bservatio	ons	(	Chiselling	g	Water	Added	GENERAL
850	Date	Time	Depth	Cas Depth	Casing Water Depth   Dia. mm Dpt			То	Hours	From	То	REMARKS
K BH 20008J HIGH WYCOMBE I				•		·						Cable Percussion Borehole to 20.45 m bgl. No GW encountered. 50 mm standpipe installed from 17 - 4 m bgl slotted pipe, 4 m bgl to GL plain pipe, 3.5 m bgl to GL bentoninte seal.

### **BOREHOLE LOG**



Project					BOREHOLE No
Rybrook High	Wycombe				DUANA
Job No	Date 03-03-21	Ground Level (m)	Co-Ordinates ()		BH101
20008J	03-03-21	151.66	E 485,761.1	N 191,511.5	
Contractor			•		Sheet
Discovery CE I	Ltd				3 of 3

Disc	covery	y CE Ltd										Sheet 3 o	f 3	
SAMPLI	ES &	TESTS	₽					STRA	TA				>	ent/
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thick- ness)			DESCI	RIPTION			Geology	Instrument/
16.00-16.45 16.00	SPT D	N39 6,8/ 8,9,11,11				-	white com sand and b m bgl.	minuted cha brown clay.	alk and rare Occasional	pockets of cobbles of	bly open and orange fine a flint between	nd medium		
17.00-17.45 17.00		N41 6,8/				- - - - - - - - - - -	Recovered slightly sil orange fin	l as: Firm lo ty GRAVEI e and mediu	cally soft w between 1 m sand and	hite slightly 8 - 19 m bg l brown clav	gravelly SIL gl with rare po y. Gravel is an m density cha	T locally ockets of ngular to		
17.50	D	9,10,10,12				<del>-</del> - - -	(continued	d fine and n	nedrum or v	veak mediu	in density cha	nk and mint.		
18.00-18.45 18.00	SPT	N40 4,7/				[_  -  -								
18.50	D	8,10,10,12				[-  -  -								
19.00-19.45 19.00	SPT	N43 5,7/ 9,10,12,12												
19.50 19.50 20.00-20.45	D ES					- - -								STATE OF
20.00-20.43	SFI	N43 5,8/ 9,11,11,12		131.21		20.45								
						-								
						- - - -								
						-								
						- - - -								
						-								
Bori	ng Pr	ogress and						Chiselling	g	Water	Added	GENE		1
Date	Time	Depth	D	Casin Pepth   I	g <u>Dia. mm</u>	Water Dpt	From	То	Hours	From		REMA	n Bor	eho
											6   5   -	to 20.45 m bgl. encountered. 50 standpipe instal. 4 m bgl slotted bgl to GL plain bgl to GL bento	mm led fro l pipe, pipe,	m 4 r 3.5
All dimens	ions in le 1:50		lient	Deale Ltd	ership I	Developn	nents Meti Plan	hod/ t Used	DAND	O 3000	]	Logged By	,	



Project				BOREHOLE No
Rybrook High	Wycombe			BH102
Job No	Date 05-03-21	Ground Level (m)	Co-Ordinates ()	БП102
20008J	05-03-21	149.85	E 485,783.7 N 191,480.1	
Contractor				Sheet
Discovery CE	Ltd			1 of 2

SAMPI	ES &	TESTS	H	STRATA								ent/		
Depth	Type No	Test Result	Water	Reduce Level		Depth (Thick- ness)			DESCI	RIPTION			Geology	Instrument/
-				149.5	5	0.30	MADE GR	OUND: B	lack BITUN	MINOUS H	[ARDSTA]	NDING.		
- 0.50-1.00 - 0.50 - 0.50	B D ES			149.1	-0	(0.40)	medium co of flint and (CLAY-W	bble conter chalk. Col ITH-FLINT	nt. Gravel is oble is angu FS FORMA	angular to lar and sub TION)	subrounde angular of	CLAY with d fine to coarse weak chalk.		
1.20-1.65	SPT	N22		148.3	×°× ×	(0.80)	angular to s (SEAFORI	subrounded D AND NE	I fine and m WHAVEN	edium of v CHALK F	veak chalk. FORMATIO	ON, Grade DM)		
1.50	D	4,5/ 5,5,6,6				-  -  -  -	infilled with sand. Occa	h white cor sional cobb	nminuted closes of flint	halk and ra between 1.	re pockets 5 - 3.5 m b	obably open and of brown clayey gl.		
2.00-2.45	SPT	N21 3,4/				-  -  -  -	•	as: Slightly	silty becor	ning silty b	elow 4.5 m	DN, Grade C)  bgl angular to		
2.50	D	5,5,5,6					medium an	d low dens tent betwee	ity chalk an en 2.5 - 3.5 i	d flint with m bgl, rare	low and lo	ocally medium orange brown is angular and		
3.00	D	N23 5,5/				(3.50)	and subang	gular of wea	ak medium	density cha	ilk and rare	ly flint.		が記録
3.50	D	6,6,6,5				- - - -								22.22
4.00-4.45	U100	70 blows 77%				-  -  -  -								<b>然</b>
4.50	D	,,,,,		1440		5.00								
5.00-5.45	SPT	N26 4,5/ 6,6,7,7		144.8		5.00	yellow betw with white	veen 6.0 - 6 comminute	6.5 m bgl C	HALK. Pro l rare pock	obably oper ets of orang	cally stained and infilled ge medium sand		
5.50	D	0,0,7,7				[- - -	(SEAFORI	O AND NE	WHAVEN	CHALK F	FORMATIO	ON, Grade C/B) en 6.0 - 6.5 m		
6.00-6.45 6.00	SPT	N27 5,6/ 6,6,7,8				-	bgl white a fine and me medium of	nd rarely be edium sand	rown grave . Gravel is a	lly SILT wa angular to s	ith rare poc subrounded	kets of orange		
6.50	D	0,0,7,8				-  -  -  -	flint.							
7.00-7.45	SPT	N29 4,6/ 6,7,7,9				- - - -								
7.50 7.50	D ES	0,1,1,7				(5.45)								
Bor	ing Pro	gress and					(	Chisellin	g	Water	Added	GENE		
Date	Time	Depth	L	Casi Depth	ng Dia. mm	Water Dpt	From	То	Hours	From	То	REMA		
												Cable Percussic to 10.45 m bgl. encountered. Ba with arisings an upon completio	No GV ackfille ad grav	W ed
All dimen	sions in ale 1:50	metres C	lient	Dea Ltd	lership I	Developm	nents Meth Plant	od/ Used	DAND	O 3000		Logged By CT		



Project				BOREHOLE No
Rybrook High	Wycombe			DUAGO
Job No	Date 05-03-21	Ground Level (m)	Co-Ordinates ()	BH102
20008J	05-03-21	149.85	E 485,783.7 N 191,480.1	
Contractor	•	•		Sheet
Discovery CE	Ltd			2 of 2

Dis	scovery	CE Ltd										2 o	f 2	
SAMPI	ES &	TESTS	ı					STRA	TA				8	nent/
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thick- ness)				RIPTION			Geology	Instrument
8.00-8.45 8.00	SPT	N31 5,6/ 7,7,8,9				-	yellow bet	ween 6.0 - 6	6.5 m bgl C ed chalk and	HALK. Pro	ty white loca bably open ets of orange f flint.	ally stained and infilled medium sand N, Grade C/B)		2000
9.00-9.45	D SPT	7726				-  -  -  -  -	Recovered bgl white a	as: Firm w	hite locally rown grave	stained yel	low between th rare pock	6.0 - 6.5 m ets of orange		
9.00 9.50	D	N36 5,7/ 8,9,9,10				- - - -	fine and m	edium sand very weak	. Gravel is a	angular to s	ubrounded f I low density	ine and		
10.00-10.4 10.00	5 SPT	N39				- - - - -								NO STATE
		6,7/ 8,9,10,12		139.40		10.45								
						- - - -								
						- - - -								
						- - -								
						-								
						- - - -								
						- - - -								
						-								
						- - - -								
						- - - -								
						- - -								
Bor		ogress and					-	Chisellin	<del>-</del>		Added	GENE		
Date	Time	Depth	Г	Depth 1	ng Dia. mm	Water Dpt	From	То	Hours	From	То	REMA Cable Percussion	on Bore	ehol
												to 10.45 m bgl. encountered. Ba with arisings ar upon completio	ackfille id grav	ed
	sions in	- C	lient	Dogl	onahin T	Developm	nents Metl	1/				Logged By		



Project				BOREHOLE No
Rybrook High	Wycombe			DUAGO
Job No	Date 04-03-21	Ground Level (m)	Co-Ordinates ()	BH103
20008J	04-03-21	147.97	E 485,722.6 N 191,423.0	
Contractor		•	·	Sheet
Discovery CE	Ltd			1 of 3

SAMPI	LES &	TESTS	er			ъ а		STRA	TA				χς	nent
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thick- ness)				RIPTION			Geology	Instrument
				147.67	*	0.30	0.12 m bgl			•		8 mm rebar at		
0.50-1.00 0.50 0.50	B D ES				× × × × × × × × × × × ×	(1.70)	mottled bro GRAVEL	own gravell with rare po tent between the fine to co	ockets of or en 1.5 - 2.0	locally bet ange fine a m bgl. Grav	ween 2.0 - 2 nd medium vel is angula	2.5 m bgl silty sand and low		
1.20-1.65 1.20	SPT	N10 6,3/ 3,3,2,2			x° x x x x x x x x x x x x x x x x x x	-			EWHAVEN	CHALK F	ORMATIC	N, Grade DM)		
1.50	D SPT			145.97	× × ×	2.00	Duah ahliyyy		ow density v	vilaita CIIA	I V			-
2.00		N13 2,3/ 3,3,4,3				-	Recovered subangular	as firm wh	nite gravelly arse of very	SILT. Gra	vels are ang lensity chal	k.		
2.50	D					(2.00)	(SEAFORI	) AND NE	EWHAVEN	CHALK F	ORMATIC	N Grade C)		
3.00-3.45	U100	65 blows 77%				-(2.00)								
3.50	D			143.97		4.00								
4.00-4.44 4.00	SPT	N50/290mm 7,9/	ı	113.77			between 5. white com	0 - 5.5 m b ninuted ch		Probably of pockets of	open and in	ned yellow filled with and medium		7
4.50	D	10,12,15,13					(SEAFORI	O AND NE		CHALK F		ON, Grade C/B)		
5.00-5.45 5.00	SPT	N48 6,9/ 10,10,13,15				-	5.5 m bgl s medium sa	lightly grav nd below 4	velly SILT v	vith rare po ravel is ang	ckets of brought	w between 5.0 - own fine and counded fine		
5.50	D	10,10,13,13				-	Note: Band	l of flint co	bbles encou	intered bety	ween 6 - 6.5	m bgl.		
6.00-6.45 6.00	SPT	N35 9,12/ 12,7,8,8				-								
6.50	D	12,7,0,0				- - - -								
7.00-7.45 7.00	SPT	N35 5,6/ 7,8,9,11				- - - -								
7.50	D	7,0,7,11				(7.50)								
		ogress and					1	Chisellin	<del>-</del>		Added	GENE		
Date	Time	Depth	D	Casing Cepth L	g Dia. mm	Water Dpt	From	То	Hours	From	То	REMA		
												Cable Percussic to 20.45 m bgl. encountered. 50 standpipe instal - 3 m bgl slottee bgl to GL plain bgl to GL bento	No G mm led fr d pipe pipe,	om e, 3 r 2.5
All dimer	nsions in	metres Cl	lient	Deale Ltd	ership E	Developm	nents Meth		DAND			Logged By C7		



Project				BOREHOLE No
Rybrook High	Wycombe			DUADO
Job No	Date 04-03-21	Ground Level (m)	Co-Ordinates ()	BH103
20008J	04-03-21	147.97	E 485,722.6 N 191,423.0	
Contractor				Sheet
Discovery CE	Ltd			2 of 3

SAMPI			ter			Depth		STRA	IA				gy
Depth	Type No	Test Result	Water	Reduce Level	Legend	(Thick- ness)			DESCI	RIPTION			Geology Instrument/
8.00-8.45 8.00 8.50 9.00-9.45 9.50 9.50 10.00-10.4 10.50	SPT  D SPT  D ES 45 SPT  D	N35 4,6/ 7,8,10,10 N37 4,7/ 7,9,10,11 N40 6,7/ 9,9,10,12					between 5. white command. Occa (SEAFOR)  Recovered 5.5 m bgl s medium sa and medium	0 - 5.5 m by minuted charsional cobb D AND NE as: Firm an alightly gravnd below 4 m weak med of flint cold fli	gl CHALK.  Alk and rare  bles of flint.  WHAVEN  d stiff whit  celly SILT v  5 m bgl. G  dium densi	Probably of pockets of CHALK Is the locally structure por ravel is angry chalk and	FORMATIC ained yellow ockets of brogular to subr	on, Grade C/B)  w between 5.0 - own fine and counded fine	
11.00-11.4 11.00	45 SPT	N35 4,6/ 7,8,9,11		136.4	7 " "	11.50		low and m	adium dans	ity white (	HAIK Dro	bably open and	
11.50 12.00-12.4 12.00	D 45 SPT	N27 3,5/				- - - - - - - - -	infilled wit and medium (SEAFOR) Recovered	h white corn sand. Occ D AND NE	nminuted cocasional co WHAVEN	halk and rabbles of fli CHALK I tiff white g	re pockets ont.	of brown fine ON, Grade C) T with rare	
12.50 13.00-13.4 13.00	D 45 SPT	5,6,7,9 N31				- - - - - -	subangular	medium ar d low dens	nd coarse ra	rely fine of	f weak and	very weak	
13.50	D	5,6/ 7,8,8,8				- - - - -							
14.00-14.4 14.00	45 SPT D	N23 6,8/ 5,5,6,7				- - - - - - - - -							
15.00-15.4 15.00	45 SPT D	N26 2,4/ 3,5,8,10				(7.50)							
Bot	ring Pro	ogress and	l W	ater Oł	servatio	ons		Chiselling	σ	Water	Added	GENE	R A I
Date	Time	Depth			ng Dia. mm	Water Dpt	From	То	Hours	From	То	REMA	
				Spair	Z-m. 11III	250						Cable Percussion to 20.45 m bgl. encountered. 50 standpipe install - 3 m bgl slotted bgl to GL plain bgl to GL bento	No GW mm led from d pipe, 3 pipe, 2.5
All dimer	nsions in	l l	lient	Deal Ltd	ership D	Developn	nents Meth		DAND			Logged By C7	7

Borii	ng Prog	ress and	Water C	bservatio	ons	Chiselling			Water	Added	GENERAL	
Date	Time	Depth	Cas Depth	sing   Dia. mm	Water Dpt	From	То	Hours	From	То	REMARKS	
			•		-						Cable Percussion Borehole to 20.45 m bgl. No GW encountered. 50 mm standpipe installed from 18 - 3 m bgl slotted pipe, 3 m bgl to GL plain pipe, 2.5 m bgl to GL bentonite seal.	

### **BOREHOLE LOG**



Project				BOREHOLE No
Rybrook High	Wycombe			DUADO
Job No	Date 04-03-21	Ground Level (m)	Co-Ordinates ()	BH103
20008J	04-03-21	147.97	E 485,722.6 N 191,423.0	
Contractor			·	Sheet
Discovery CE	Ltd			3 of 3

Dis	covery	CE Eta										3 0		
SAMPL	ES &	TESTS	er					STRA	TA				y.	ent/
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thick- ness)			DESCI	RIPTION			Geology	Instrument/
16.00-16.4 16.00	S SPT D	N17 4,2/ 3,3,5,6					infilled with and medium (SEAFOR)	th white con m sand. Oc D AND NE	mminuted cl casional col EWHAVEN	halk and ra obles of flin CHALK F	re pockets nt. FORMATIO	obably open and of brown fine ON, Grade C)		
17.00-17.4: 17.00	5 SPT	N25 3,4/ 6,5,7,7					pockets of subangular	brown fine medium ar	and medium and coarse rative chalk an	m sand. Gr rely fine of	avel is ang f weak and	T with rare ular to very weak		
17.50	D	0,5,7,7				r    -  -								
18.00-18.4 18.00	5 SPT	N20 4,4/ 5,3,5,7				- - - - - -								
18.50	D	3,3,3,7		128.97	7	19.00								
19.00-19.4 19.00	5 SPT	N31 4,6/ 6,7,8,10				-	white com sand. Flint	minuted chais absent.	alk and rare	pockets of	brown fin	nd infilled with e and medium ON, Grade B)		
19.50 19.50	D ES	0,7,0,10				(1.45)	Recovered brown fine	as: Firm w	hite slightly m sand. Gra	gravelly Savel is angu	ILT with ra	are pockets of ounded fine and		
20.00-20.4: 20.00	5 SPT	N34 3,6/ 7,9,8,10		127.52	2 1 1	20.45	medium of	weak and	moderately	weak medi	um density	chalk.		
		gress and					+	Chisellin	Ť		Added	GENE		
Date	Time	Depth	L	Casıı Depth	ng Dia. mm	Water Dpt	From	То	Hours	From	То	REMA	RKS	
												Cable Percussio to 20.45 m bgl. encountered. 50 standpipe instal - 3 m bgl slotted bgl to GL plain bgl to GL bento	No GV mm led from pipe, pipe, 2	V m 1 3 m
				,			H					11		



Project				BOREHOLE No						
Rybrook High	Wycombe			DUAGA						
Job No	Date 02-03-21	Ground Level (m)	Co-Ordinates ()	BH104						
20008J	02-03-21	148.14	E 485,764.0 N 191,378.8							
Contractor	•	•		Sheet						
Discovery CE	Discovery CE Ltd									

		CE Ltd			1 of STRATA								
SAMPL	ES &	TESTS	E.					STRA	TA				sy nent/
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thick- ness)			DESCI	RIPTION			Geology Instrument/
- 0.50-1.00 - 0.50 - 0.50	B D ES			146.94		(1.20)	slightly gra pockets of	welly CLA	Y with occa wn fine and	sional root medium sa	wn and greyis lets and occas and. Gravel is I flint.	ional	
1.20-1.65	SPT	N13 2,3/ 3,3,3,4		146.24		(0.70)	Gravel is a		ıbangular fi	ne to coars	AY with rare r e of weak cha		
- 1.70 - 2.00-2.45 - 2.00	D SPT	N9 2,2/		110.21		(1.10)	GRAVEL. weak low	GRAVEL	angular an density ch	id subangul alk (SEAF0	cream very si ar fine to coar ORD AND N	rse of very	
2.50-3.00 2.50 -2.50 3.00-3.45	B D ES U100	2,2,3,2		145.14		3.00					ning weak me		
3.50	D	39 blows 100%					white com cobbles of	minuted cha flint.	alk and pocl	kets of brov	oly open and in what sandy clay ORMATION	. Occasional	
4.00-4.45	SPT	N13 1,2/ 5,4,2,2				(2.00)	low cobble angular to	content and subangular	d rare pock fine to coar	ets of brow se of weak	n sandy clay.	sity chalk and	
4.50	D U100	-,,,		143.14		5.00		ium dencity	cream rar	alv stained	yellow CHAL	K Probably	
5.50	D	79 blows 55%					open and i sandy clay (SEAFOR	nfilled with . Occasiona D AND NE	white comi l cobbles of WHAVEN	minuted cha f flint. CHALK F	alk and pocke	ts of brown , Grade C/B)	
6.00-6.45	SPT	N47 8,12/				- - - - -	low cobble angular to	content and subangular	d rare pock fine to coar	ets of brow se of weak	n sandy clay.	sity chalk and	
6.50	D B	25,8,7,7				- - - - - -							
7.50	D					(5.45)							
Rori	ng Pro	ogress and	l W	⊥ater ∩h	servatio	ons		Chiselling	<b>o</b>	Water	Added	GENE	RAT
Date	Time	Depth		Casin Depth   I		Water	From	To	Hours	From	To	REMA	
Date	THIE	2 Septif		Jepth I	Jia. mm	Dpt	Trom		110010	TIOH	1	Cable Percussion to 10.45 m bgl. encountered. Bawith arisings an appon completion	on Borehole No GW ackfilled ad gravel
All dimens	sions in ale 1:50	metres C	lient	Deale Ltd	ership [	Developm	nents Meth Plan	nod/ t Used	DAND	O 3000		Logged By CT	

### **BOREHOLE LOG**



Project				BOREHOLE No
Rybrook High	Wycombe			DUAGA
Job No	Date 02-03-21	Ground Level (m)	Co-Ordinates ()	BH104
20008J	02-03-21	148.14	E 485,764.0 N 191,378.	8
Contractor			·	Sheet
Discovery CE	2 of 2			

Disc	covery	CE Ltd										2 0	of 2	
SAMPL	ES &	TESTS	ı					STRA	TA				S.	nent/
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thick- ness)			DESCI	RIPTION			Geology	Instrument/ Backfill
- 8.00-8.45 - 8.00	SPT	N25 5,9/ 5,5,7,8				-	open and i sandy clay	nfilled with  Occasiona	white com	minuted cha f flint.	alk and pocke	LK. Probably ets of brown	)	
- 9.00-9.50 - 9.00	D B ES					-	low cobble angular to	e content an subangular	d rare pock fine to coar	ets of brow se of weak	n sandy clay. medium dens	sity chalk and		
9.50	D					- - - - - -	and flint. (	continued)	ar and subai	ngular weal	c medium der	isity chaik		
10.00-10.45 10.00	SPT	N28 4,4/ 6,7,6,9		137.69		10.45								
		0,7,0,9				- - - -								
						-								
						-								
						-								
						- - - -								
						- - - -								
-						- - - -								
						- - - - -								
	ng Dro	ogress and	1 137	otor Ob	Sarvati	ong.		Chisellin	σ.	Water	Addad	CENE	DAT	
Date	Time	Depth		Casir Depth		Water	From	To	Hours	From	To	GENE REMA		
		1	<u> </u>	Jepun	∪ia. IMM	<u>D</u> pt						Cable Percussion to 10.45 m bgl. encountered. Bowith arisings arupon completion	on Bore No GV ackfille ad grav	W ed
Bori Date  All dimens Sca	sions in ale 1:50	metres C	lient	Deal Ltd	ership I	Developm	nents Metl	nod/ t Used	DAND	O 3000		Logged By C7	7	



Project				BOREHOLE No
Rybrook High	Wycombe			DUAGE
Job No	Date 02-03-21	Ground Level (m)	Co-Ordinates ()	BH105
20008J	02-03-21	147.63	E 485,807.2 N 191,390.2	
Contractor	•	•	·	Sheet
Discovery CE	1 of 2			

Dis	covery	CE Ltd										1	of 2	
SAMPL	ES &	TESTS						STRA	TA					ent/
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thick- ness)			DESCI	RIPTION			Geology	Instrument Backfill
0.50-1.00	B ES			146.43		(1.20)	slightly san	dy CLAY v n. Gravel is	with occasion	onal roots a	wn slightly g ind rootlets. unded fine a			
1.20-1.65	SPT	N10 3,2/ 2,2,3,3		110.13		(0.80)	very gravel density cha	ly SILT. G1 lk and rare	ravel is suba flint.	angular fine	mottled orar e to coarse of	ngish brown f weak low N, Grade Dm)		
- 1.50 - 2.00-2.50 - 2.00 - 2.00-2.45 - 2.50	D B ES U100 D	66%		145.63		2.00	Probably vo mottled ora to coarse of	ery weak lo ngish brow f weak low	w density v n very grav density cha	white CHAlvelly SILT.	LK recovere Gravel is sul flint.			
- 3.00-3.45 - 3.00	SPT	N13 2,3/				(2.50)								
3.50	D	3,3,4,3				-								
4.00-4.45	U100	44%				- - - -								
4.50	D			143.13		4.50						vered as white bangular fine		
- 5.00-5.45 - 5.00	SPT	N35 5,7/				(2.00)	to coarse of	f weak low	density cha	alk and flint		_		
5.50	D	10,8,6,11				(2.00)								
6.00-6.45	B ES			141.13		6.50								
6.50-6.95 6.50	SPT	N21 3,4/ 4,6,5,6				-  -  -  -  -	gravelly SII medium de	LT. Gravel nsity chalk	is subangul and rare fli	ar fine to c nt.	HALK recovoarse of weather			
7.00-7.45 7.00	SPT	N25 4,5/ 6,6,7,6				-  -  -  -  -  -								
7.50	В					-								
j		gress and	Wat				1	Chiselling			Added		ERAL	
Date	Time	Depth	De	pth D	g Dia. mm	Water Dpt	From	То	Hours	From	То	C-1-1- D-	· D	1 1

GINT STD AGS 3_1.GDT 25/5/21	- 6.50-6.95 - 6.50 - 7.00-7.45 - 7.00	SPT SPT B	N21 3,4/ 4,6,5,6 N25 4,5/ 6,6,7,6	141.	13	6.50	gravelly SI medium de	LT. Gravel nsity chalk	is subangul and rare fli	lar fine to cont.	oarse of we	overed as stiff ak low and N, Grade C)	
.GPJ	Bor	ing Pro	gress an	d Water C	bservatio	ons	(	Chisellin	g	Water	Added	GENE	RAL
LOGS	Date	Time	Depth	Ca Depth	sing   Dia. mm	Water Dpt	From	То	Hours	From	То	REMA	RKS
K BH 20008J HIGH WYCOMBE												Cable Percussic to 10.45 m bgl. encountered. Ba with arisings an upon completio	No GW ackfilled ad gravel
AGS3 UK	All dimer	nsions in cale 1:50	metres	Client De Ltd	alership D	Developm	Meth Plant	od/ Used	DAND	O 3000		Logged By MI	7

AGS3 UK BH 2000&J HIGH WYCOMBE LOGS.GPJ GINT STD AGS 3\_1.GDT 25/5/21

All dimensions in metres Scale 1:50 Client

Ltd

Dealership Developments

### **BOREHOLE LOG**



Logged By

MF

Project				BOREHOLE No
Rybrook High	DUAGE			
Job No	BH105			
20008J	02-03-21 02-03-21	147.63	E 485,807.2 N 191,390.2	
Contractor	Sheet			
Discovery CE	2 of 2			

Dis	covery	CE Ltd										2	of 2	
SAMPL	ES &	TESTS						STRA	TA					ient/
Depth	Type No	Test Result	Re L	duced evel	Legend	Depth (Thick- ness)				RIPTION			Geology	Instrument/ Backfill
- 8.00-8.45 - 8.00 - 8.50	SPT D	N25 3,5/ 6,6,7,6				(3.95)	gravelly SI medium de	LT. Gravel nsity chalk D AND NE	is subangul and rare fli	lar fine to cont.	oarse of we	vered as stiff ak low and N, Grade C)		
9.00-9.45	SPT					-	(continuea <sub>j</sub>	,						
9.00	D	N24 6,4/ 5,7,6,6				- - - -								
- 9.50 - 10.00-10.4	D S SPT					- - - -								
10.00		N26 4,6/ 7,6,6,7	1	<u>37.18</u>		10.45								
- - -						-								
						-								
- - - -						- - - -								
- - - -						- - - -								
- - -						- - - -								
-						- - -								
						- - -								
-						- - - -								
-  -  -						- - - -								
						- - - -								
	ng Dra	ogress and	Wate	r Oh	servatio	ne	(	Chiselling	r	Water	Added	CENT	DAI	
Date	Time	Depth	Dont	Casin	g Dia. mm	Water Dpt	From	To	Hours	From	To		ERAL ARKS	
			Бері		<u> </u>	Бр						Cable Percuss to 10.45 m bg encountered. I with arisings a upon complet	l. No GV Backfille and grav	W ed

Method/ Plant Used

**DANDO 3000** 

## **BOREHOLE LOG**



Project				BOREHOLE No
Rybrook High	BH106			
Job No	БПТО			
20008J	01-03-21 01-03-21	147.67	E 485,837.5 N 191,403.6	
Contractor				Sheet
Discovery CE	1 of 3			

SAMPI	LES &	TESTS	er		1	D 41		STRA	TA				35
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thick- ness)			DESCI	RIPTION			Geology
0.50-1.00 0.50 0.50	B D ES					(1.20)	clayey angu	ılar to subr halk with o	ounded med	dium and c	oarse GRA	lightly sandy VEL of flint content. Cobble	X
1.20-1.65 1.20	SPT	N17 2,3/		146.47 146.17	× ×	1.20	Structurele medium an	d coarse G	RAVEL of	flint and cl	nalk.	w silty angular	
1.50 2.00-2.45 2.00	D B ES	3,4,5,5			(SEAFORD AND NEWHAVEN CHALK FORMATION, Very weak low density white locally mottled yellow betwee bgl and mottled brown between 4 - 6 m bgl CHALK. Proba and infilled with white comminuted chalk and occasional le brown clay and rare pockets of orange sand. Occasional co								
2.50-2.95 2.50	SPT	N9					flint. (SEAFORI	O AND NE	WHAVEN	CHALK F	ORMATIO	ON, Grade C)	
3.00-3.45 3.00	SPT	1,2/ 2,2,2,3 N10 2,1/					and brown and occasion clay. Grave fine and mo	between 4 onal pocket l is angular edium belo	- 9 m bgl gr s of orange and suban w 6 m bgl o	ravelly SIL fine and m gular medi f very wea	T with low ledium sand um and coa k low densi	en 1.5 - 4 m bgl cobble content d and brown rse becoming ity chalk and	
3.50	D	2,3,2,3				-  -  -  -	flint. Cobb	nd of angul	ar to subrou		-		
4.00-4.45 4.00	SPT	N14 2,3/				-	between 4.:	5 - 5 m bgl.					
4.50	ES	3,4,3,4				† [- ]							
5.00-5.45	U100 D	65 blows 90%				(7.50)							
6.00-6.45 6.00 6.50	SPT D	N14 2,3/ 3,4,4,3											
7.00-7.45 7.00	SPT	N14 1,2/ 3,4,3,4				-							
7.50-8.00 7.50	B ES	ے, .,ے, ı				-  -  -							
Bor	ing Pro	gress and					(	Chisellin	g	Water	Added	GENE	
Date	Time	Depth	D	Casir Depth	ng Dia. mm	Water Dpt	From	То	Hours	From	То	REMA	
												Cable Percussic to 20.45 m bgl. encountered. 50 standpipe instal - 9 m bgl slotted bgl to GL plain bgl to GL bento	No GW mm led from l pipe, 9 pipe, 8.5
All dimer	nsions in ale 1:50	metres C	lient	Deal Ltd	ership I	Developm	nents Meth Plant	od/ Used	DAND	O 3000		Logged By CT	



Project				BOREHOLE No
Rybrook High	BUAGE			
Job No	BH106			
20008J	01-03-21 01-03-21	147.67	E 485,837.5 N 191,403.6	
Contractor	Sheet			
Discovery CE	2 of 3			

SAMPL	ES &	TESTS	ı					STRA	TA				y ent/			
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thick- ness)			DESCI	RIPTION			Geology Instrument/			
8.00-8.45 8.00 8.50	SPT D	N13 2,1/ 2,3,4,4														
9.00 9.00-9.45 9.00	ES SPT	N16 2,3/		138.67		9.00	white commedium sa	ninuted ch nd. Occasi	alk and rare onally cobb	brown clay les of flint.	y and orang	and infilled with the fine and DN, Grade C)				
9.50	D	3,4,5,4				-	Recovered	as: Mediu	m dense wh	ite rarely m	ottled brow	n and orange				
10.00-10.43	SPT	N16 2,3/				- - - - -	silty angula of weak ch	ar and suba alk and flir edium sand	ngular med nt with rare 1. At 12 m l	ium and coapockets of	arse rarely t brown clay	fine GRAVEL and orange te gravelly				
10.50	D	3,4,4,5				- - - - -	18.5 m bgl, sand. Grave coarse of w	y siightiy ( , rare pock el is angula /eak chalk	ets of brown ar fine to sul and flint. Co	n clay and corounded fit obble is any	orange fine ne and med gular of flin	bble content at and medium lium rarely				
11.00-11.4	SPT	N16 3,5/				- - - - -										
11.50	D	3,4,4,5				[  -  -										
12.00-12.4: 12.00	SPT	N17 3,3/				- - - - - -										
12.50 12.50	D ES	4,4,5,4				- - - - -										
13.00-13.45 13.00 13.50	S SPT D	N17 2,3/ 3,4,4,6				-										
14.00-14.4: 14.00 14.50		N17 3,3/ 4,4,5,4				(10.00)										
15.00-15.45 SPT N16 2,3/4,3,4,5																
15.50						-										
		gress and	T				1	Chisellin	<del>-</del>		Added	GENE				
Date	Time	Depth	D	Depth I	g Dia. mm	Water Dpt	From	То	Hours	From	То	REMARKS  Cable Percussion Borehol				
												to 20.45 m bgl. No GW encountered. 50 mm standpipe installed from 16 - 9 m bgl slotted pipe, 9 m bgl to GL plain pipe, 8.5 m bgl to GL bentonite seal.				
All dimens	sions in	metres C	lient	Deale Ltd	ership I	Developm	nents Meth Plant	od/ Used	DAND	O 3000		Logged By CT				



Project				BOREHOLE No
Rybrook High	DH406			
Job No	BH106			
20008J	01-03-21 01-03-21	147.67	E 485,837.5 N 191,403.6	
Contractor	Sheet			
Discovery CE I	3 of 3			

		CE Ltd									3 0		=
SAMPLI	ES &	TESTS	er			I	STRA	TA				X	nent
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thick- ness)		DESCI	RIPTION			Geology	Instrument/
16.00-16.45 16.00	SPT	N17 2,3/ 3,4,5,5				-	Very weak low densit white comminuted ch medium sand. Occasio (SEAFORD AND NE	alk and rare onally cobb	brown clay les of flint.	and orange	fine and		をとびとなっ
16.50	D	3,4,3,3				- - - -	Recovered as: Medium	m dense wh	ite rarely me	ottled brown	and orange		気となり
17.00-17.45 17.00	SPT	N17 3,2/ 3,5,4,5					silty angular and suba of weak chalk and flin fine and medium sand occasionally slightly g	nt with rare l. At 12 m gravelly SIL	pockets of l bgl becomin T with loca	prown clay a g stiff white lly low cobb	and orange e gravelly le content at		ならとこと
17.50	D	3,3,4,3				-  -  -  -	18.5 m bgl, rare pockers sand. Gravel is angular coarse of weak chalk	ar fine to sul	brounded fir	ne and medi	um rarely		
18.00-18.45 18.00	SPT	N18 3,3/				-			ocore is unig	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, (commico)		ことことの
18.50 18.50	D ES	4,4,5,5		128.67	,	19.00							Ŝ
19.00-19.45 19.00	SPT	N20 3,4/		120.07		-	Very weak medium do with white comminute cobbles of flint.	ed chalk and	d rare brown	sandy clay	. Occasional		ならならな
19.50	D	4,5,5,6				(1.45)	(SEAFORD AND NE	hite and bro	own gravelly	y SILT. Grav	vel is angular		びとびと
20.00-20.45 20.00	SPT	N21 3,4/ 4,5,6,6		127.22		20.45	to subrounded fine to	coarse of fi	int and wea	k medium d	ensity chalk.		
Bori	ng Pro	ogress and	11 W;	ater Ob	servatio	ons	Chisellin	g	Water	Added	GENE	RAI	=
Date	Time	Depth		Casin Depth   I		Water	From To	Hours	From	To	REMA		
But	THIC	Берш	D	Depth I	Dia. mm	Dpt	1011	TIOUS	TIOH	10	Cable Percussic to 20.45 m bgl. encountered. 50 standpipe instal - 9 m bgl slotted bgl to GL plain bgl to GL bento	on Borel No GW mm led fron l pipe, 9 pipe, 8.	n 9 1
All dimens	ions in le 1:50	metres C	lient	Deale Ltd	ership D	Developm	nents Method/ Plant Used	DAND	O 3000		Logged By CT		=

## **DYNAMIC SAMPLING LOG**



Project				BOREHOLE No
Rybrook High	DC204			
Job No	<b>DS201</b>			
20008J	05-03-21 05-03-21	151.26	E 485,751.4 N 191,497.9	
Contractor	Sheet			
Discovery CE	1 of 1			

Contractor								Sneet		
Disc	covery	y CE Ltd						1 (	of 1	
SAMPL	ES &	TESTS					STRATA			nt/
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thick- ness)	DESCRIPTION		Geology	Instrument
Depth  - 0.10 - 0.40 - 0.70 - 0.80 - 1.00-1.45 - 1.00 - 1.70 - 2.00-2.45 - 2.30 - 3.00-3.45 - 3.00	ES D D ES SPT D SPT SPT			150.96 150.71 150.26	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.30 0.55 (0.45) 1.00	MADE GROUND: Grass over very soft dark brown and br	ets. Sand is medium of ghtly clayey with rare lblack ontent. lblack ontent. led brown ely fine wn clay. Grade DM)	Geol	Instru
-							tce er st - 0.	GENE REMA Dynamic Samp 0 3.45 m bgl. 1 andpipe insta 0.5 m bgl - sl. 5 - GL plain 1 bentonite s	ole Boro No GW 2 mm lled fro otted propine, 0.	ehole om 2
All dimens	sions in le 1:50		lient	Deale Ltd	ership I	Developn	nents   Method/ Plant Used   Competitor Dart   L	ogged By	Γ	

## **DYNAMIC SAMPLING LOG**



Project					BOREHOLE No
Rybrook High	DS202				
Job No	Date 05-03-21	Ground Level (m)	Co-Ordinates ()		D3202
20008J	05-03-21	150.14	E 485,800.1	N 191,493.6	
Contractor	Sheet				
Discovery CE I	1 of 1				

Contractor					Sheet		
Discovery CE Ltd					1 o	f 1	
SAMPLES & TESTS				STRATA			ent/
Depth Type Test No Result	Rec K	educed Level Legend	Depth (Thick- ness)	DESCRIPTION		Geology	Instrument/
0.40 D 0.60 D 0.70 ES 0.90 D 1.00-1.45 SPT 1.00 ES 1.50 ES N50/115m 18,7/ 28,22,0,0	14	49.94	0.20 0.45 0.80 - 1.10 (0.61) 1.71	MADE GROUND: Black and brown sandy angular to subreto coarse of flint and limestone. Sand is fine to coarse. Firm brown slightly gravelly CLAY with medium cobble of occasional gravel sized black carbonaceous inclusions. Gramular to subrounded fine to coarse of flint. Cobble is angular of flint.  (CLAY-WITH-FLINTS FORMATION)  Structureless CHALK composed of loose white mottled bresilty angular to subrounded medium and coarse rarely fine of weak chalk with pockets of brown clay.  (SEAFORD AND NEWHAVEN CHALK FORMATION), Structureless CHALK composed of firm white gravelly SII cobble content and rare pockets of brown clay. Gravel is an subrounded fine and medium of weak chalk. Cobble is ang (SEAFORD AND NEWHAVEN CHALK FORMATION, Note: Flint obstruction encountered at 1.5 m bgl.	ounded fine content and vel is ular and cown slightly GRAVEL Grade DC) T with low ugular to ular flint.		
				tc ei st - -	GENE REMA Dynamic Samp o 1.71 m bgl. N ncountered. 42 andpipe instal 0.5 m bgl slott GL plain pipe, entonite seal.	RKS le Bore lo GW mm led from	m 1.
All dimensions in metres Scale 1:50		Dealership D Ltd	)evelopm	ents Method/ Plant Used Competitor Dart	ogged By	,	

Discovery CE Ltd The Granary, Broadwell House Farm Rugby, Warwickshire, CV23 8HF

## **DYNAMIC SAMPLING LOG**



Project				BOREHOLE No
Rybrook High	Wycombe			DC303
Job No	Date 04-03-21	Ground Level (m)	Co-Ordinates ()	DS203
20008J	04-03-21	148.04	E 485,748.6 N 191,4	37.9
Contractor				Sheet
Discovery CE	1 of 1			

Contractor		Sheet		
Discovery CE Ltd		1 o	f 1	
SAMPLES & TESTS	STRATA			nt/
Depth Type Test No Result	Reduced Legend Chick-ness)  Depth (Thick-ness)  DESCRIPTION		Geology	Instrument
0.20	MADE GROUND: Strong grey CONCRETE with 8 mm reb m bgl.  MADE GROUND: Dark grey sandy angular to subrounded 1 coarse GRAVEL of brick, concrete and limestone with low content. Sand is fine to coarse. Cobble is angular of concrete Weak medium density white locally grey between 0.5 - 0.6 m chalk. Probably open and infilled with white comminuted Occasional cobbles of of flint.  (SEAFORD AND NEWHAVEN CHALK FORMATION, C Recovered as: Dense white locally grey between 0.5 - 0.6 m slightly slity becoming slity below 1.0 m bgl angular to subrefine to coarse GRAVEL of flint and weak chalk with low colonient. Cobble is angular of flint.	fine to cobble e. n bgl l chalk.  Grade C/B)		
	to 2 end wit	GENEI REMA mamic Sampl 2.41 m bgl. N countered. Ba th arising and on completion	RKS le Bore lo GW ackfille l grave	ed
All dimensions in metres Scale 1:50	t Dealership Developments Method/Plant Used Competitor Dart	egged By	,	

AGS3 UK DS 2000&J HIGH WYCOMBE LOGS.GPJ GINT STD AGS 3\_1.GDT 25/5/21

## **DYNAMIC SAMPLING LOG**



Project				BOREHOLE No
Rybrook High	Wycombe			
Job No	Date 04-03-21	Ground Level (m)	Co-Ordinates ()	<b>DS204</b>
20008J	04-03-21	148.02	E 485,735.0 N 191,409.1	
Contractor			·	Sheet
Discovery CE	1 of 1			

Contractor	Sheet
Discovery CE Ltd	1 of 1
SAMPLES & TESTS STRATA	nt/
Depth Type Result Result Reduced Legend Depth (Thick-ness)  Reduced Legend Fraction Description Description	Geology Instrument/ Backfill
MADE GROUND: Medium dense dark brown SAND and C with low cobble content, rare tile fragement and glass fragm is fine to coarse. Gravel is angular to subrounded fine to coa limestone, quartzite, flint and concrete. Cobble is angular an subrounded of concrete and limetone.	GRAVEL hent. Sand hrse of
1.00  N18 3.37 4,5,4,5  ES  N50/20mm 25,0/ 50,0,0,0  Note: Flint/concrete obstruction at 2.0m bgl.	estone, s and low
	GENERAL REMARKS
to en wi up	2.09 m bgl. No GW countered. Backfilled ith arisings and gravel on completion.
All dimensions in metres Scale 1:50 Client Dealership Developments Ltd Method/Plant Used Competitor Dart Lo	ogged By CT

## **DYNAMIC SAMPLING LOG**



Project				BOREHOLE No
Rybrook High	Wycombe			DCODE
Job No	Date 04-03-21	Ground Level (m)	Co-Ordinates ()	<b>DS205</b>
20008J	04-03-21	148.05	E 485,797.0 N 191,430.9	
Contractor				Sheet
Discovery CE I	1 of 1			

Contractor								Sheet		
Dis	covery	y CE Ltd						1 o	f 1	
SAMPL	ES &	TESTS	L				STRATA			ent/
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thick- ness)	DESCRIPTION		Geology	\Instrument/
0.10	D			147.85		0.20	\bgl.	/		X
						(0.80)	MADE GROUND: Brown sandy angular and subangular fr GRAVEL of quartztite and flint. Sand is fine to coarse.	ne to coarse		
	-			147.05	× <sub>o</sub> ×	1.00		GYY TT		
1.00 1.00-1.45 1.00	D SPT	N5 2,2/			× × × × × × × × × × × × × × × × × × ×	(1.00)	Structureless CHALK composed of soft white mottled brow with rare pockets of brown sandy clay. Gravel is angular ar subangular fine and medium of weak chalk and rarely flint. (SEAFORD AND NEWHAVEN CHALK FORMATION,	ıd		
1.20	ES	2,1,1,1		146.05	× × × × ×	2.00	Note: Poor recovery.			
2.00 2.00-2.45 2.00	D SPT	N6 2,2/			0× 0× 0× 0× 0× 0× 0× 0× 0× 0× 0× 0× 0× 0	-	Structureless CHALK composed of loose white mottled broyellow silty becoming slightly silty below 2.45m bgl angula subrounded fine and medium GRAVEL of flint and weak care pockets of brown sandy clay.	r to		
		2,2,1,1		145.05	120°5201	- 2.00	(SEÅFORD AND NEWHÁVEŇ CHALK FORMATION,	Grade DC)		
3.00-3.45 3.00	SPT	N50		145.05		3.00	Note: Poor recovery.  Weak white locally brown low density CHALK.	/		
5.00		3,12/ 9,14,14,13	3	144.60		- (0.43) - 3.45	Recovered as white mottled brown and yellow silty becomi	ng slightly		
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				-	silty below 2.45m bgl angular to subrounded fine and medi- GRAVEL of flint and weak chalk with rare pockets of brown	um vn sandy		
						-	clay. (SEAFORD AND NEWHAVEN CHALK FORMATION,	Grade C)		
						- - -				
						-				
-						- -				
						- - -				
						- -				
						- -				
						- - -				
						-				
						-				
						_ - -				
						-				
						- - -				
								GENE REMA		
							tc ei w	rynamic Samp y 3.45 m bgl. N ncountered. Ba ith arisings ar pon completio	le Bor lo GW ackfill ad grav	eho / ed
All dimens	sions in	I .	Client	Deale Ltd	ership E	Developm	nents   Method/ Plant Used   Competitor Dart   L	ogged By		

## **DYNAMIC SAMPLING LOG**



Project				BOREHOLE No
Rybrook High	Wycombe			Deane
Job No	Date 04-03-21	Ground Level (m)	Co-Ordinates ()	<b>DS206</b>
20008J	04-03-21	148.37	E 485,774.9 N 191,384.9	
Contractor				Sheet
Discovery CE I	1 of 1			

Discovery CE Ltd  SAMPLES & TESTS  Depth Type No Result	int. / brown l black /	Geology Geology	Instrument/
Depth Type No Result    Reduced Level Legend (Thickness)    Depth (Thickness)	int. / brown l black /	Geology	trument/
Depth Type No Result    Reduced Level Legend (Thickness)  148.27    147.87    148.27	int. / brown l black /	Geology	trume
0.20 D 0.30 ES 0.30 HV 63 kPa 0.40 D 0.70 D 0.80 D	int. / brown l black /		l su
1.30 HV 67 APA  1.60 HV 71 APA  2.00-2.45 SPT 2.00 SPT N18  3.34 4,4,5,5 2.70 SPT N36  3.00-3.45 SPT N36  4.00-4.45 SPT N50/265mm 7,7/ 10,11,12,17  1.400-4.45 SPT N50/265mm 7,7/ 10,11,12,17  1.43.92 14.4.5 SPT Note: Band of angular and subangular medium and coarse grand flint between 2.3 - 2.45 m bgl.  Seth rows singular fine to coarse of flint and weak chalk belo bgl. (CLAY-WITH-FLINTS FORMATION)  Weak low density becoming moderately weak medium dens m bgl white and grey locally rarely mothled brown between 2 bgl (CHAIK, Frobably open and infilled with white commina and rare pockets of brown sandy clay. Cobbles of flint at 2. (SEAFORD AND NEWHAVEN CHAIK FORMATION, CEBY)  Recovered as: Medium dense becoming dense white and grey mothled brown between 2.1 - 3.3 m bgl slightly silty angular subangular medium and coarse grantled brown between 2.1 - 3.3 m bgl slightly silty angular subangular medium and coarse grantled brown between 2.1 - 3.3 m bgl slightly silty angular subangular medium and coarse grantled brown between 2.3 - 2.45 m bgl.	is angular weak chalk.  sandy lalk and  logl CLAY.  ow 1.7 m  sity below 3 2.1 - 3.3 m  nuted chalk 3 m bgl.  Grade  ey locally and lerately		
to en sta	GENE REMA ynamic Samp 4.45 m bgl. 1 necountered. 42 andpipe insta - 2 m bgl, 2 - pe, 1.8 - GL t	le Boro No GW 2 mm Ilation	ehol /

## **DYNAMIC SAMPLING LOG**



Project				BOREHOLE No
Rybrook High	Wycombe			DC207
Job No	Date 04-03-21	Ground Level (m)	Co-Ordinates ()	<b>DS207</b>
20008J	04-03-21	148.05	E 485,762.3 N 191,420.4	
Contractor				Sheet
Discovery CE 1	1 of 1			

Contractor				Sheet		
Discovery CE Ltd				1 o:	f 1	
SAMPLES & TESTS	1		STRATA			nt/
Depth Type Test No Result	Reduce Level	Legend (Thick-ness)	DESCRIPTION		Geology	Instrument/
0.20 D	147 147	7.85 % 0.20 7.65 0.40	MADE GROUND: Strong grey CONCRETE with 8 mm read 0.17 m bgl.			
0.50 D		$ \begin{array}{c c} \circ \overline{\bigcirc} & \circ \overline{\bigcirc} \\ 0 & \circ \overline{\bigcirc} \\ 0 & \circ \overline{\bigcirc} \\ 0.80 \end{array} $	MADE GROUND: Dark grey SAND AND GRAVEL. Sar coarse. Gravel is angular to subrounded fine to coarse of lin concrete.	nestone and		
1.00 N26 4,6/ 6,7,7,6		(1.20)	Structureless CHALK composed of white mottled brown si and subangular fine to coarse GRAVEL of weak medium of and rareflint with rare pockets of orange fine and medium seasons (SEAFORD AND NEWHAVEN CHALK FORMATION, Weak medium density white rarely brown and orange stain Probably open and infilled with white comminuted chalk. Of flint between 1.6 - 1.8 m bgl.	ensity chalk sand. Grade DC) ed CHALK.		
2.00 N36 5,7/	146	5.05	(SEAFORD AND NEWHAVEN CHALK FORMATION, Recovered as: Medium dense silty gravel becoming below	1		
2.50 ES 7,9,9,11		(1.42)	stiff white rarely stained brown and orange gravelly SILT. angular to subrounded rarely rounded fine to coarse of weadensity and locally between 0.8 - 1.1 m bgl moderately weadensity chalk and flint.	Gravel is k medium		
3.00 N50/265n 6,8/ 10,15,13,		4.63 3.42	Moderately weak high density white rarely stained orange (	nd rare		
			Recovered as: Stiff white slightly gravelly SILT becoming bgl slightly silty occasionally silty angular and subangular tocarse GRAVEL of weak chalk with rare pockets of orangmedium sand.	ine to		
			to e	GENEI REMA Dynamic Sampl o 3.42 m bgl. N incountered. 42 andpipe install	e Bore o GW mm ed from	n 1
			b	0.5 m bgl slott GL plain pipe, entonite seal.	ed pipe 0.3 - C	e, 0 GL
All dimensions in metres Scale 1:50	Client De Lto	ealership Developn d	nents   Method/   Plant Used   Competitor Dart   L	ogged By CT		

Discovery CE Ltd The Granary, Broadwell House Farm Rugby, Warwickshire, CV23 8HF

## **DYNAMIC SAMPLING LOG**



Project					BOREHOLE No
Rybrook High '	Wycombe				DC200
Job No	Date 04-03-21	Ground Level (m)	Co-Ordinates ()		DS208
20008J	04-03-21	147.02	E 485,795.7 N 19	91,453.7	
Contractor					Sheet
Discovery CE I	1 of 1				

Contractor						Sheet		
Discovery CE Ltd						1 o	f 1	
SAMPLES & TESTS					STRATA			ent/
Depth Type Test No Result	Water	Reduced Level	Legena	Depth (Thick- ness)	DESCRIPTION		Geology	Instrument/
Depth Type No Test Result  0.45 0.45 ES	Wa	Reduced Level	Legend	(Thick-	DESCRIPTION  MADE GROUND: Brown slightly clayey sandy angular to fine to coarse GRAVEL of brick, quartzite, flint and concrease.	subrounded ete with low id	Geolo Geolo	Instru
				- - - -	II.			
					l e	GENE REMA Dynamic Samp to 0.55 m bgl. N ncountered. Be ackfilled upon ompletiong.	RKS le Boro No GW oreholo	ehole
All dimensions in metres Scale 1:50	Client	Deale Ltd	ership D	Developn	nents Method/ Plant Used Competitor Dart L	ogged By		

## **DYNAMIC SAMPLING LOG**



Project				BOREHOLE No
Rybrook High	Wycombe			D6300
Job No	Date 04-03-21	Ground Level (m)	Co-Ordinates ()	<b>DS209</b>
20008J	04-03-21	145.37	E 485,769.2 N 191,367.0	
Contractor		•		Sheet
Discovery CE 1	Ltd			1 of 1

Contractor					Sheet		
Discovery CE Ltd					1 o	f 1	
SAMPLES & TESTS				STRATA			nt/
Depth Type Test Result	Water	Reduced Level Legend	Depth (Thick- ness)	DESCRIPTION		Geology	Instrument/
0.10 ES  0.50 ES  0.50 HV 103 kPa  1.00-1.45 SPT 1.00  2.00-2.45 SPT 2.00  2.20 ES  3.00-3.45 SPT 10,10/11,13,12,1		145.17 144.97 144.67 144.67 141.94 141.94	0.20 0.40 0.70 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	clayey angular to subrounded fine to coarse GRAVEL of querick, concrete and flint with frequent rootlets, occasional to fragments and rare gravel sized black carbonaceous inclusing fine to coarse.  Brown and white slightly sandy clayey angular to subround coarse GRAVEL of flint and chalk with rare rootlets. Sand coarse.  (POSSIBLE MADE GROUND)  Stiff becoming firm brown locally mottled dark brown slightly carbon firm and medium cobble content. Gravel is angular and signed and medium of flint. Cobble is angular and subangular (CLAY-WITH-FLINTS FORMATION)  Weak medium density whitle locally mottled orangish brown Probably open and infilled with white comminuted chalk at pockets of brown sandy clay. Cobbles of flint at 1.75m bgl. (SEAFORD AND NEWHAVEN CHALK FORMATION,  Recovered as: Medium dense white mottled brown angular subangular fine to coarse GRAVEL of flint and weak chalk pockets of brown sandy clay and low cobble content at 1.75.	uartizte, ile ons. Sand is led fine to is fine to is fine to is fine to ons. Sand is led fine to is fine to is fine to ons. Sand is led fine to is fine to ons. Sand is led fine to is fine to ons. Or CHALK. In CHALK.		
				to en	GENEI REMA Dynamic Sampl 3.43 m bgl. N ncountered. Ba vith arisings an pon completion	RKS le Bord lo GW ackfille ad grav	ehole
All dimensions in metres Scale 1:50	Client	Dealership Ltd	Developn	nents   Method/ Plant Used   Competitor Dart   L	ogged By CT	7	

## **DYNAMIC SAMPLING LOG**



Project					BOREHOLE No
Rybrook High	Wycombe				DC240
Job No	Date 05-03-21	Ground Level (m)	Co-Ordinates ()		DS210
20008J	05-03-21	150.27	E 485,713.3	N 191,440.7	
Contractor					Sheet
Discovery CE 1	Ltd				1 of 1

Contractor					Sheet		
Discovery CE Ltd					1 o	f 1	
SAMPLES & TESTS				STRATA			nt/
Depth Type Test Result	Water	Reduced Legend	Depth (Thick- ness)	DESCRIPTION		Geology	Instrument/
0.10 ES  0.50 D 0.60 ES 0.80 D 1.00-1.45 SPT 1.00 ES 1.80 D 2.00-2.45 SPT 2.00 SPT N50/265m 6,13/16,14,11,9		149.97	0.30 (0.70) - 1.00 - (0.50) - 1.50 - (0.95) - (0.95)	limestone. Sand is fine to coarse.  Structureless CHALK composed of firm white mottled broferquent orange brown staining very gravelly slightly sandy becoming a very clayey GRAVEL below 0.7 m bgl with low content, rare gravel sized black carbonaceous incusions. Sa coarse. Gravel is angular to subrounded fine to coarse of wand flint.  (SEAFORD AND NEWHAVEN CHALK FORMATION, Structureless CHALK composed of very soft white mottled slightly gravelly locally gravelly CLAY. Gravel is angular a subangular fine and medium rarely coarse of weak chalk ar (SEAFORD AND NEWHAVEN CHALK FORMATION, Washen to the substitute of the sub	wn with CLAY w cobble und is fine to eak chalk  Grade DM) brown und ind flint. Grade Dm) . Probably s of brown Grade C/B) y angular lk with low		
				to en st	GENE REMA Dynamic Samp o 2.45 m bgl. N ncountered. 42 tandpipe instal .5 mbgl slotted iL plain pipe a entonite seal.	RKS le Bore lo GW mm led fro l pipe,	ehole om 2
All dimensions in metres Scale 1:50	Client	Dealership Ltd	Developn	nents   Method/ Plant Used   Competitor Dart   L	ogged By	7	

# DYNAMIC SAMPLING LOG



Project				BOREHOLE No
Rybrook High	Wycombe			DC244
Job No	Date 05-03-21	Ground Level (m)	Co-Ordinates ()	— DS211
20008J	05-03-21	150.46	E 485,750.0 N 191,467.2	
Contractor				Sheet
Discovery CE 1	Ltd			1 of 1

Discovery CE Ltd		1 of 1
SAMPLES & TESTS	STRATA	y y nent/
Depth Type Test Result Reduced Legend	Depth   Chick- ess)   DESCRIPTIO	Z Geology Instrument/ Backfill
150.06	MADE GROUND: Black and white slig sandy clayey angular to subrounded fine bitumen, weak chalk and flint with low of fragments. Cobble is subangular of flint Structureless CHALK composed of loos angular and subangular fine to coarse GI flint with low cobble content and rare po angular of chalk.  (SEAFORD AND NEWHAVEN CHAL Note: Poor recovery.  Weak medium density white CHALK. P. white comminuted chalk and rare pocket (SEAFORD AND NEWHAVEN CHAL Recovered as: Loose white and brown sl pockets of brown clay. Gravel is angular coarse of chalk and flint.  Note: Poor recovery.	to coarse GRAVEL of sobble content and rare wood and concrete.  e white and brown silty RAVEL of weak chalk and ckets of brown clay. Cobble is K FORMATION, Grade Dc)  robably open and infilled with s of brown clay.  K FORMATION, Grade C/B)  ightly silty GRAVEL with rare
All dimensions in metres Scale 1:50  Client Dealership D Ltd		GENERAL REMARKS  Dynamic Sample Borehole to 3.04 m bgl. No GW encountered. 42 mm standpipe installed from 3 - 1 m bgl slotted pipe, 1 - GL plain pipe, 0.5 - GL bentonite seal.
All dimensions in metres Client Dealership D Scale 1:50 Ltd	velopments   Method/ Plant Used Competitor Da	Logged By CT

## TRIAL PIT LOG



Project					TRIAL PIT No
Rybrook High	TD202				
Job No	Date 03-03-21	Ground Level (m)	Co-Ordinates ()		TP302
20008J	03-03-21	150.47	E 485,762.9 N	191,472.2	
Contractor					Sheet
Discovery CE Ltd					1 of 1

Discovery CE Ltd			1 of 1
STRATA	SA	MPLE	S & TESTS
	Depth	n No	Remarks/Tests
Depth 0.00-0.05 0.05-0.40 No MADE GROUND: Vegetation over soft dark brown slightly sandy CLAY. Sand is fine and medium.  MADE GROUND: Reddish brown SAND and GRAVEL with medium cobble content. Sand is medium and coarse. Gravel is subangular fine to coarse of brick and occasonal	0.10	ES	
0.40-0.75 flint. Cobbles are subangular of brick.  MADE GROUND: Firm white mottled brown very gravelly CLAY. Gravel is subangular fine to coarse of weak chalk.  19 mm Hand Vane Test carried out at 0.5 m bgl: 68 kPa.	0.50	D	
0.75-1.50  Firm to stiff brown mottled white very gravelly CLAY. Gravel is subangular and subrounded fine to coarse of weak chalk and flint.  (CLAY-WITH-FLINTS FORMATION)  19 mm Hand Vane Test carried out at 0.9 m bgl: 55 kPa, 60 kPa.  19 mm Hand Vane Test carried out at 1.2 m bgl: 68 kPa.	1.00	В	
1.50-1.70    1.50-1.70	1.60	D ES	
19 mm Hand Vane Test carried out at 1.6 m bgl: 74 kPa.  Structureless CHALK composed of white very clayey subangular fine to coarse GRAVEL of weak chalk and occasional flint.  (SEAFORD AND NEWHAVEN CHALK FORMATION Grade Dc)	2.00	В	
2.50-3.00  Weak low density white mottled orangish brown CHALK recovered as slightly clayey subangular medium and coarse gravel and cobbles of chalk and occasional flint. (SEAFORD AND NEWHAVEN CHALK FORMATION Grade C/B)			
GINT STD AGS 3_1.GDT 25/5/21			
		RI	ENERAL EMARKS
Shoring/Support: None Stability: All sides stable		to 3 m bg encounter with light	excavated trial pit yl. No GW red. Backfilled tly compacted upon completion.
All dimensions in metres Scale 1:25 Client Dealership Developments Method/Plant Used JCB 3CX		Logged E	By MF

	overy Sal & Environmental Engineers	THE GRANARY BROADWELL HOUSE FARM BROADWELL WARWICKSHIRE CV21 8HF TEL: 01926 813909			Trial Pit No TP302 Trial Pit Photos
Project Na Rybrook H	me ligh Wycombe	Project No. 20008J	Co-ords: Level:		Date 03/03/21
Location:	Handy Cross, High Wycombe		Dimensions:	2.0 m	Scale NTS
Client:	Dealership Developments Ltd		3.0 m 8.		Logged By CT





General Notes

Machine excavated trial pit from ground level. Backfilled with lightly compacted arisings on completion.

# TRIAL PIT LOG



Project				TRIAL PIT No
Rybrook High	Wycombe			TD204
Job No	Date 03-03-21	Ground Level (m)	Co-Ordinates ()	TP304
20008J	03-03-21	150.55	E 485,749.7 N 191,468.1	
Contractor				Sheet
Discovery CE l	1 of 1			

Discovery CE Ltd			1 of 1
STRATA	SAN	/PLE	S & TESTS
	Depth	No	Remarks/Tests
Depth 0.00-0.10 No DESCRIPTION MADE GROUND: Black bituminous HARDSTANDING. 0.10-0.30 MADE GROUND: Red slightly sandy subangular fine to coarse GRAVEL of brick. Sand is medium and coarse.  MADE GROUND: Lightl brown slightly gravelly sandy subangular COBBLES of concrete. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse of concrete.			
Structureless CHALK composed of firm white mottled orangish brown gravelly CLAY.  Gravel is subangular fine to coarse of weak chalk and occasional flint.  (SEAFORD AND NEWHAVEN CHALK FORMATION Grade Dm)  1.10-2.68  Structureless CHALK composed of white locally mottled brown very clayey subangular			
fine to coarse GRAVEL of weak chalk and flint.  (SEAFORD AND NEWHAVEN CHALK FORMATION Grade Dc)  (SEAFORD AND NEWHAVEN CHALK FORMATION Grade Dc)  (SEAFORD AND NEWHAVEN CHALK FORMATION Grade Dc)	2.00 2.00	B ES	
Shoring/Support: None Stability: Collapse on both sides below 1.4 m bgl.  Shoring/Support: None Stability: Collapse on both sides below 1.4 m bgl.  All dimensions in metres Scale 1:25  Client Dealership Developments Ltd  Developments Method/ Plant Used  JCB 3CX			
Shoring/Support: None Stability: Collapse on both sides below 1.4 m bgl.	to	achine 2.7 m	ENERAL EMARKS excavated trial pit bgl. No GW
D B 0.6	en W	counte th ligh	red. Backfilled tly compacted upon completion.
All dimensions in metres Scale 1:25 Client Dealership Developments Method/Plant Used JCB 3CX	Lo	ogged F	By MF

Discovery  THE GRANARY BROADWELL HOUSE FARM BROADWELL WARWICKSHIRE CV21 8HF  TEL: 01926 813909			Trial Pit No TP304 Trial Pit Photos		
Project Na Rybrook H	me ligh Wycombe	Project No. 20008J	Co-ords: Level:		Date 03/03/21
Location: Handy Cross, High Wycombe		Dimensions:	2.1 m	Scale NTS	
Client:	Dealership Developments Ltd		2.7m <sup>9</sup>		Logged By MF





General Notes

Machine excavated trial pit from ground level. Backfilled with lightly compacted arisings on completion.

# TRIAL PIT LOG



Project				TRIAL PIT No
Rybrook High Wycombe				TD205
Job No	Date 03-03-21	Ground Level (m)	Co-Ordinates ()	TP305
20008J	03-03-21	150.58	E 485,726.0 N 191,46	52.6
Contractor	Sheet			
Discovery CE Ltd				1 of 1

Discovery CE Ltd			1 of 1
STRATA	SAN	1PLES	S & TESTS
	Depth	No	Remarks/Tests
Depth 0.00-0.10 No DESCRIPTION MADE GROUND: Black bituminous HARDSTANDING. 0.10-0.42 MADE GROUND: Dark brownish grey sandy subangular and subrounded medium and coarse GRAVEL of quartzite. Sand is medium and coarse.	0.30	D	
0.42-1.00  Stiff orangish brown slightly gravelly CLAY with low cobble content. Gravel is subangular and subrounded fine to coarse of flint. Cobbles are subangular and subrounded of flint.  (CLAY-WITH-FLINTS FORMATION)	0.30	ES	
19 mm Hand Vane Test carried out at 0.5 m bgl: 84 kPa. 19 mm Hand Vane Test carried out at 0.7 m bgl: 108 kPa.  1.00-1.06  Structureless CHALK composed of white very clayey subangular fine to coarse GRAVEL of weak chalk and flint. (SEAFORD AND NEWHAVEN CHALK FORMATION)	0.90 0.90	D ES	
Shoring/Support: None Stability: All sides stable  1.85  A  D  C  All dimensions in metres Scale 1:25  Client Clie	to en ca lig	RE achine e 1.06 m counter rried ou	ENERAL EMARKS excavated trial pit bgl. No GW ed. Infiltration test it. Backfilled with inpacted arisings pletion.
All dimensions in metres Scale 1:25 Client Dealership Developments Ltd Method/Plant Used JCB 3CX	Lo	gged B	y MF

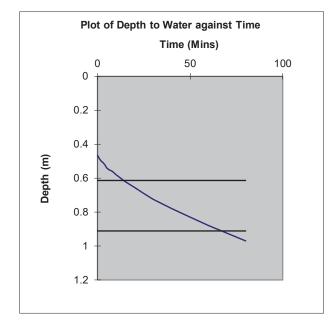
Discovery  THE GRANARY BROADWELL HOUSE FARM BROADWELL WARWICKSHIRE CV21 8HF  TEL: 01926 813909			Trial Pit No TP305 Trial Pit Photos		
Project Na Rybrook H	me ligh Wycombe	Project No. 20008J	Co-ords: Level:		Date 03/03/21
Location:	Location: Handy Cross, High Wycombe		Dimensions: 3.0 m	Scale NTS	
Client:	Dealership Developments Ltd		3.9 m 29.0		Logged By MF





General Notes

Machine excavated trial pit from ground level. Backfilled with lightly compacted arisings on completion.



Trial Pit No: TP305 - 1st Fill

Date: 03/03/2021

**Test Details** 

 Length of Trial Pit **a** (m):
 1.85

 Width of Trial Pit **b** (m):
 0.5

 Depth of Trial Pit **D** (m):
 1.06

Test Strata:

Maximum Effective Depth (m) 0.465

Volume Outflow between 75% and 25% effective depth ((Vp75-25)m3)

depth ((Vp75-25)m3) 0.2751875

Time for water to fall from 75% to 25% effective depth

((Tp75-25)mins) 52.72569444

Outflow Area ((Ap50) m2) 2.32325

Time Elapsed (t) mins	Depth below Ground
	level at time t (m)
0	0.465
1	0.485
2	0.5
3	0.51
4	0.52
5	0.54
6	0.55
8	0.56
10	0.58
15	0.62
20	0.655
25	0.69
30	0.725
40	0.78
50	0.83
60	0.88
80	0.97

Soil Infiltration rate ((f)m/s)

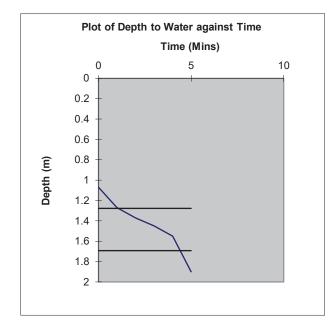
3.74E-05

Remarks: 1000 litres emptied in to pit. Note some infiltration during filling.

Discovery Geotechnical & Environmental Engineers

Soakaway Test

Project Rybrook Handy Cross, High Wycombe Contract 20008J Figure TP305 Soakaway 1



Trial Pit No: TP306 - 2nd Fill

Date: 03/03/2021

**Test Details** 

 Length of Trial Pit **a** (m):
 1.75

 Width of Trial Pit **b** (m):
 0.47

 Depth of Trial Pit **D** (m):
 1.9

Test Strata:

Maximum Effective Depth (m) 1.07

Volume Outflow between 75% and 25% effective depth ((Vp75-25)m3)

lepth ((Vp75-25)m3) 0.3413375

Time for water to fall from 75% to 25% effective depth

Outflow Area ((Ap50) m2)

((Tp75-25)mins) 3.332142857

2.6651

Time Elapsed (t) mins	Depth below Ground
	level at time t (m)
0	1.07
1	1.27
2	1.37
3	1.45
4	1.55
5	1.9

Note: Dry/Fully Drained

Soil Infiltration rate ((f)m/s) 6.41E-04

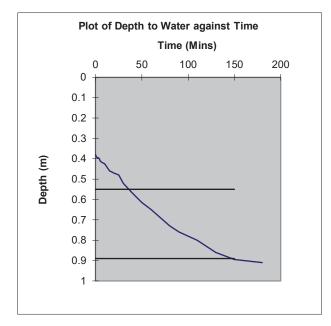
Remarks: 1000 litres emptied in to pit. Note some infiltration during filling.

Discovery Geotechnical & Environmental Engineers

Soakaway Test

Project Rybrook Handy Cross, High Wycombe Contract 20008J Figure

TP306 Soakaway 2



Trial Pit No: TP305 - 3rd Fill

Date: 03/03/2021

**Test Details** 

 Length of Trial Pit **a** (m):
 1.85

 Width of Trial Pit **b** (m):
 0.5

 Depth of Trial Pit **D** (m):
 1.06

Test Strata:

Maximum Effective Depth (m) 0.38

Volume Outflow between 75% and 25% effective depth ((Vp75-25)m3)

pth ((Vp75-25)m3) 0.3145

Time for water to fall from 75% to 25% effective depth

((Tp75-25)mins) 111.1428571

	level at time t (m)
0	0.38
1	0.39
2	0.395
3	0.395
4	0.4
5	0.41
6	0.415
8	0.42
10	0.425
15	0.46
20	0.47
25	0.48
30	0.52
40	0.57
50	0.615
60	0.65
80	0.73
90	0.76
110	0.8
130	0.86

Depth below Ground

0.895

0.91

Time Elapsed (t) mins

Outflow Area ((Ap50) m2) 2.523

Soil Infiltration rate ((f)m/s)

1.87E-05

Remarks: 500 litres emptied in to pit. Note some infiltration during filling.

150

180

Soakaway Test
Project
Rybrook
Handy Cross, High Wycombe
Figure
TP305 Soakaway 3



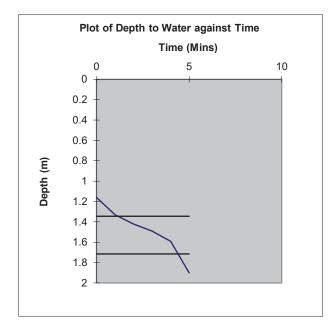
Project				TRIAI	L PIT No
Rybrook High	Wycombe				2206
Job No	Date 03-03-21	Ground Level (m)	Co-Ordinates ()	IF	2306
20008J	03-03-21	148.16	E 485,767.0 N 191	,443.8	
Contractor				Sheet	
Discovery CE I	Ltd			1	of 1

Disco	overy CE Ltd			1 of 1
	STRATA	SAN	(PLE	S & TESTS
		Depth	No	Remarks/Tests
Depth 0.00-0.32	DESCRIPTION MADE GROUND: Strong grey CONCRETE with approximately 30 % aggregate of medium gravel of flint. 10 mm diameter rebar present at 0.15 m bgl.			
0.32-0.50	MADE GROUND: Brown SAND and GRAVEL. Sand is fine to coarse. Gravel is subangular and subrounded fine to coarse of concrete and brick.			
0.50-1.25	Structureless CHALK composed of white and light brown clayey subangular and subrounded fine to coarse GRAVEL of weak chalk.  (SEAFORD AND NEWHAVEN CHALK FORMATION Grade Dc)	1.00	B ES	
1.25-1.90	Very weak low density white mottled orangish brown CHALK recovered as slightly clayey subangular medium and coarse gravel of weak chalk and occasional flint with medium cobble content. Cobbles are subangular of weak chalk.  (SEAFORD AND NEWHAVEN CHALK FORMATION Grade C)	1.50 1.50	B ES	
Shoring/Su Stability: A	pport: None All sides stable			ENERAL EMARKS
D D	- 1.75 - A B 0.47	to en Te wi	achine 1.9 m l counter st carri	excavated trial pogl. No GW red. Infiltration ed out. Backfill ly compacted upon completion
All dimensio Scale		Lo	gged E	By MF

	overy Sal & Environmental Engineers	THE GRANARY BROADWELL HOUSE FARM BROADWELL WARWICKSHIRE CV21 SHF TEL: 01926 813909			Trial Pit No TP306 Trial Pit Photos
Project Na Rybrook H	me ligh Wycombe	Project No. 20008J	Co-ords: Level:		Date 03/03/21
Location:	Handy Cross, High Wycombe		Dimensions:	1.75 m	Scale NTS
Client:	Dealership Developments Ltd		1.9 m 6.		Logged By MF







Trial Pit No: TP306 - 1st Fill

Date: 03/03/2021

**Test Details** 

 Length of Trial Pit **a** (m):
 1.75

 Width of Trial Pit **b** (m):
 0.47

 Depth of Trial Pit **D** (m):
 1.9

Test Strata:

Maximum Effective Depth (m) 1.16

Volume Outflow between 75% and 25% effective depth ((Vp75-25)m3)

lepth ((Vp75-25)m3) 0.304325

Time for water to fall from 75% to 25% effective depth

Outflow Area ((Ap50) m2)

((Tp75-25)mins) 3.23655914

2.4653

Time Elapsed (t) mins	Depth below Ground
	level at time t (m)
0	1.16
1	1.33
2	1.42
3	1.49
4	1.59
5	1.9

Note: Dry/Fully Drained

Soil Infiltration rate ((f)m/s) 6.36E-04

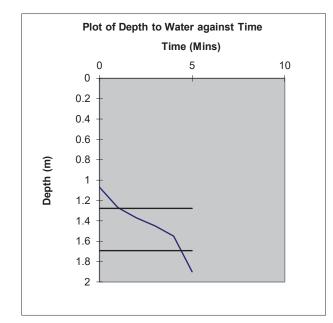
Remarks: 1000 litres emptied in to pit. Note some infiltration during filling.

Discovery Geotechnical & Environmental Engineers

Soakaway Test

Project Rybrook Handy Cross, High Wycombe Contract 20008J Figure

TP306 Soakaway 1



Trial Pit No: TP306 - 2nd Fill

Date: 03/03/2021

**Test Details** 

 Length of Trial Pit **a** (m):
 1.75

 Width of Trial Pit **b** (m):
 0.47

 Depth of Trial Pit **D** (m):
 1.9

Test Strata:

Maximum Effective Depth (m) 1.07

Volume Outflow between 75% and 25% effective

depth ((Vp75-25)m3) 0.3413375

Time for water to fall from 75% to 25% effective depth

((Tp75-25)mins) 3.332142857

Time Elapsed (t) mins	Depth below Ground
	level at time t (m)
0	1.07
1	1.27
2	1.37
3	1.45
4	1.55
5	1.9

Outflow Area ((Ap50) m2) 2.6651

Note: Dry/Fully Drained

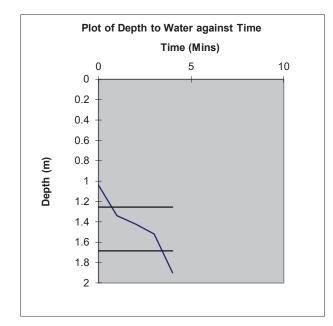
Soil Infiltration rate ((f)m/s) 6.41E-04

Remarks: 1000 litres emptied in to pit. Note some infiltration during filling.

Discovery Geotechnical & Environmental Engineers

Soakaway Test

Project Rybrook Handy Cross, High Wycombe Contract 20008J Figure TP306 Soakaway 2



Trial Pit No: TP306 - 3rd Fill

Date: 03/03/2021

**Test Details** 

 Length of Trial Pit **a** (m):
 1.75

 Width of Trial Pit **b** (m):
 0.47

 Depth of Trial Pit **D** (m):
 1.9

Test Strata:

Maximum Effective Depth (m) 1.04

Volume Outflow between 75% and 25% effective depth ((Vp75-25)m3)

lepth ((Vp75-25)m3) 0.353675

Time for water to fall from 75% to 25% effective depth

((Tp75-25)mins) 2.71754386

2.7317

7.94E-04

Outflow Area ((Ap50) m2)

Note: Dry/Fully Drained

Soil Infiltration rate ((f)m/s)

Time Elapsed (t) mins

Depth below Ground level at time t (m)

1.04
1.34
2.1.42
3.1.52
4.1.9

Remarks: 1000 litres emptied in to pit. Note some infiltration during filling.

Discovery Co-

Soakaway Test

Project Rybrook Handy Cross, High Wycombe Contract 20008J

Figure

TP306 Soakaway 3



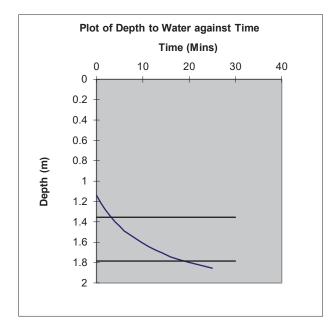
Project					TRIAL PIT No
Rybrook High '	Wycombe				TD200
Job No	Date 02-03-21	Ground Level (m)	Co-Ordinates ()		TP308
20008J	02-03-21	147.52	E 485,830.5	N 191,416.2	
Contractor			•		Sheet
Discovery CE I	Ltd				1 of 1

Dıs	covery C	E Ltd			1 of 1
		STRATA	SAN	/PLE	S & TESTS
			Depth	No	Remarks/Test
Depth 0.00-0.05 0.05-1.00	No (1/2/2)	DESCRIPTION  Vegetation over soft orangish brown slightly gravelly CLAY with occasional roots and rootlets. Gravel is subangular fine and medium of flint.  (TOPSOIL)  East end of pit - firm orangish brown slightly sandy gravelly CLAY. Sand is fine and medium. Gravel is subangular fine to coarse of flint and occasional weak chalk.  (POSSIBLE CLAY-WITH-FLINTS FORMATION)  19 mm Hand Vane Test carried out at 0.6 m bgl: 100 kPa.	0.50	D	
		West end of pit - Structureless CHALK composed of firm white mottled brown very gravelly CLAY. Gravel is subangular and subrounded fine to coarse of weak chalk and occasional flint.	0.50	ES B	
1.00-1.41	000	Structureless CHALK composed of white locally mottled brown very clayey subangular fine to coarse GRAVEL of weak chalk. (SEAFORD AND NEWHAVEN CHALK FORMATION Grade Dc)	1.20	В	
1.41-2.20		Very Weak and weak low density white mottled brown and orangish brown CHALK recovered as very clayey subangular fine to coarse gravel of chalk. (SEAFORD AND NEWHAVEN CHALK FORMATION Grade C)	1.60 1.60	BES	
Shoring/S Stability:	Support: 1 All sides  1.6 — A	s stable ►	to er ca	RI fachine 2.2 m la acounter arried or	ENERAL EMARKS excavated trial pogl. No GW red. Infiltration at. Backfilled w
	C sions in metale 1:25	tres   Client   Dealership Developments   Method/   Plant Used   JCB 3CX	uj		mpacted arising apletion.

	overy Sal & Environmental Engineers	THE GRANARY BROADWELL HOUSE FARM BROADWELL WARWICKSHIRE CV21 8HF TEL: 01926 813909			Trial Pit No TP308 Trial Pit Photos
Project Na Rybrook H	me ligh Wycombe	Project No. 20008J	Co-ords: Level:		Date 02/03/21
Location:	Handy Cross, High Wycombe		Dimensions:	1.6 m	Scale NTS
Client:	Dealership Developments Ltd		2.2 m		Logged By MF







Trial Pit No: TP308 - 1st Fill

Date: 02/03/2021

**Test Details** 

 Length of Trial Pit **a** (m):
 1.6

 Width of Trial Pit **b** (m):
 0.5

 Depth of Trial Pit **D** (m):
 2

Test Strata:

Maximum Effective Depth (m) 1.14

Volume Outflow between 75% and 25% effective depth ((Vp75-25)m3)

epth ((Vp75-25)m3) 0.344

Time for water to fall from 75% to 25% effective depth

((Tp75-25)mins) 15.61818182

Time Elapsed (t) mins	Depth below Ground
	level at time t (m)
0	1.14
1	1.22
2	1.285
3	1.345
4	1.4
5	1.445
6	1.49
7	1.52
8	1.55
9	1.58
10	1.61
12	1.66
14	1.7
16	1.745
18	1.775
20	1.8
25	1.855
30	1.915

Outflow Area ((Ap50) m2) 2.606

Soil Infiltration rate ((f)m/s) 1.41E-04

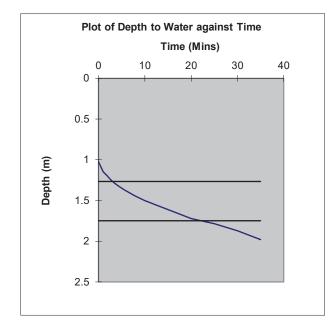
Remarks: 1000 litres emptied in to pit. Note some infiltration during filling.

Discovery Geotechnical & Environmental Engineers

Soakaway Test

Project Rybrook Handy Cross, High Wycombe Contract 20008J Figure

TP308 Soakaway 1



Trial Pit No: TP308 - 2nd Fill

Date: 02/03/2021

**Test Details** 

 Length of Trial Pit **a** (m):
 1.6

 Width of Trial Pit **b** (m):
 0.5

 Depth of Trial Pit **D** (m):
 1.99

Test Strata:

Maximum Effective Depth (m) 1.025

Volume Outflow between 75% and 25% effective depth ((Vp75-25)m3)

Time for water to fall from 75% to 25% effective depth

((Tp75-25)mins) 19.18376068

Outflow Area ((Ap50) m2) 2.8265

Time Elapsed (t) mins	Depth below Ground
	level at time t (m)
0	1.025
1	1.15
2 3	1.205
	1.265
4	1.31
5	1.35
6	1.385
8	1.445
10	1.5
20	1.72
25	1.785
30	1.87
35	1.98

Soil Infiltration rate ((f)m/s)

1.19E-04

0.386

Remarks: 1000 litres emptied in to pit. Note some infiltration during filling.

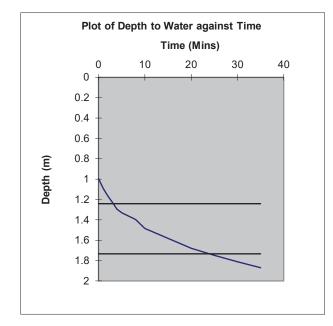
Discovery Geotechnical & Environmental Engineers

Soakaway Test

Project Rybrook Handy Cross, High Wycombe Contract 20008J

Figure

TP308 Soakaway 2



Trial Pit No: TP308 - 3rd Fill

Date: 02/03/2021

**Test Details** 

 Length of Trial Pit **a** (m):
 1.6

 Width of Trial Pit **b** (m):
 0.5

 Depth of Trial Pit **D** (m):
 1.98

Test Strata:

Maximum Effective Depth (m) 0.995

Volume Outflow between 75% and 25% effective depth ((Vp75-25)m3)

pth ((Vp75-25)m3) 0.394

Time for water to fall from 75% to 25% effective depth

((Tp75-25)mins) 20.66620879

Outflow Area ((Ap50) m2)	

2.8685
--------

Time Elapsed (t) mins	Depth below Ground		
	level at time t (m)		
0	0.995		
1	1.09		
2	1.165		
3	1.23		
4	1.295		
5	1.33		
8	1.395		
10	1.485		
20	1.68		
25	1.75		
30	1.81		
35	1.87		

Soil Infiltration rate ((f)m/s) 1.11E-04

Remarks: 1000 litres emptied in to pit. Note some infiltration during filling.

Discovery Geotechnical & Environmental Engineers

Soakaway Test

Project Rybrook Handy Cross, High Wycombe Contract 20008J Figure

TP308 Soakaway 3



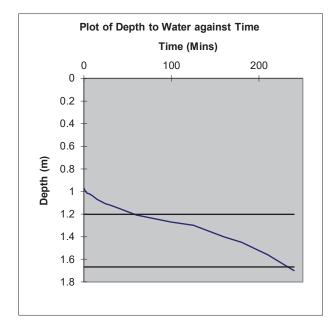
Project				TRIAL PIT No
Rybrook High	Wycombe			TD200
Job No	Date 03-03-21	Ground Level (m)	Co-Ordinates ()	TP309
20008J	03-03-21	148.27	E 485,829.8 N 191,46	65.6
Contractor	•			Sheet
Discovery CE Ltd				1 of 1

Discovery CE Ltd		1 of 1
STRATA	SAMPLE	S & TESTS
De	epth No	Remarks/Tests
Depth 0.00-0.19  0.19-0.30 0.30-0.40 0.40-0.60 0.40-0.60 0.60-0.95  MADE GROUND: Light brown and light grey slightly sandy subangular medium and coarse GRAVEL of quartzite and flint. Sand is fine to coarse.  MADE GROUND: Brown gravelly fine to coarse SAND. Gravel is subangular and subrounded fine and medium of flint.  MADE GROUND: Firm orangish brown mottled white very gravelly CLAY. Gravel is subangular fine to coarse of flint and weak chalk.  MADE GROUND: Firm orangish brown mottled white very gravelly CLAY. Gravel is subangular fine to coarse of flint.  Firm brown mottled white very gravelly CLAY. Gravel is subangular and subrounded fine or coarse of flint.  CLAY-WITH-FLINTS FORMATION)  Very weak and weak low density white mottled orangish brown CHALK recovered as very clayey subangular medium and coarse GRAVEL of weak chalk and occasional flint with medium cobble content. Cobbes are subangular of weak chalk and flint. (SEAFORD AND NEWHAVEN CHALK FORMATION) Grade C)  1.60	B ES D	
Shoring/Support: None Stability: All sides stable	Machine	ENERAL EMARKS excavated trial pit
Shoring/Support: None Stability: All sides stable  2.05 A D B 0.45 C  All dimensions in metres Scale 1:25  Client Dealership Developments Ltd  Method/ Plant Used JCB 3CX	to 1.9 m encounte carried o	bgl. No GW red. Infiltration test utBackfilled with ompacted arisings
All dimensions in metres Scale 1:25 Client Dealership Developments Method/Plant Used JCB 3CX	Logged I	By MF

	overy Sal & Environmental Engineers	THE GRANARY BROADWELL HOUSE FARM BROADWELL WARWICKSHIRE CV21 BHF TEL: 01928 813909			Trial Pit No TP309 Trial Pit Photos
Project Na Rybrook H	me ligh Wycombe	Project No. 20008J	Co-ords: Level:		Date 03/03/21
Location:	Handy Cross, High Wycombe		Dimensions:	2.05 m	Scale NTS
Client:	Dealership Developments Ltd		1.9 m 6.		Logged By MF







Trial Pit No: TP309 - 1st Fill

Date: 03/03/2021

**Test Details** 

 Length of Trial Pit **a** (m):
 2.05

 Width of Trial Pit **b** (m):
 0.45

 Depth of Trial Pit **D** (m):
 1.9

Test Strata:

Maximum Effective Depth (m) 0.97

Volume Outflow between 75% and 25% effective

depth ((Vp75-25)m3) 0.4289625

Time for water to fall from 75% to 25% effective depth

((Tp75-25)mins) 175.5357143

Outflow Area ((Ap50) m2)

3.2475

Time Elapsed (t) mins	Depth below Ground		
	level at time t (m)		
0	0.97		
1	0.99		
2	1		
3	1.01		
4	1.015		
5	1.02		
6	1.02		
8	1.03		
10	1.04		
15	1.07		
25	1.11		
30	1.12		
40	1.15		
60	1.21		
100	1.27		
125	1.3		
160	1.4		
180	1.45		
210	1.56		
240	1.7		

Soil Infiltration rate ((f)m/s)

1.25E-05

Remarks: 1000 litres emptied in to pit. Note some infiltration during filling.

Discovery C	
Geotechnical & Environmental Engineers	

Soakaway Test

Project Rybrook Handy Cross, High Wycombe Contract 20008J Figure

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TP309 Soakaway 1



Project				TRIAL PIT No
Rybrook High	Wycombe			TD240
Job No	Date 03-03-21	Ground Level (m)	Co-Ordinates ()	TP310
20008J	03-03-21	147.96	E 485,835.4 N 191,4	37.3
Contractor		•		Sheet
Discovery CE Ltd				1 of 1

Discovery CE Ltd			1 of 1
STRATA	SAN	1PLES	S & TESTS
	Depth	No	Remarks/Tests
Depth 0.00-0.15 MADE GROUND: Grey CONCRETE hardstanding. 10 mm diameter rebar present at 0.1 m bgl.  0.15-0.35 MADE GROUND: Orangish brown brickwork recovered as gravelly fine to coarse Sand	0.20	В	
with medium cobble content. Gavel is subangular and subrounded fine to coarse of brick and flint. Cobbles are subangular of brick.	0.20		
MADE GROUND: White mottled brown very clayey subangular and subrounded fine to coarse GRAVEL of weak chalk and occasional flint.  Note: 150 mm diameter water pipe present at 0.75 m bgl on eastern side of pit within coarse sand.  Note: Former column base present is south west corner. Pad foundation present at 1.2 m bgl - extraploated to be 2 m by 1.6 m in plan area.	0.50 0.50	B ES	
1.50-1.80    O			
Note: Unable to excavate past 1.8 m bgl due to lack of clearance between foundation and water pipe.			ENERAL
Shoring/Support: None Stability: All sides stable  Description:  All dimensions in metres Scale 1:25  Client Dealership Developments Method/ Plant Used JCB 3CX	to en wi	RE achine e 1.8 m b counter th light	EMARKS excavated trial pit gl. No GW ed. Backfilled ly compacted pon completion.
All dimensions in metres Scale 1:25 Client Dealership Developments Method/Plant Used JCB 3CX	Lo	gged B	y MF

	overy Sal & Environmental Engineers	THE GRANARY BROADWELL HOUSE FARM BROADWELL WARWICKSHIRE CV21 8HF TEL: 01926 813909			Trial Pit No TP310 Trial Pit Photos
Project Na Rybrook H	me ligh Wycombe	Project No. 20008J	Co-ords: Level:		Date 03/03/21
Location:	Handy Cross, High Wycombe		Dimensions:	2.0 m	Scale NTS
Client:	Dealership Developments Ltd		1.8 m 7.		Logged By MF







Project				TRIAL PIT No
Rybrook Hig	h Wycombe			
Job No	Date 03-03-21	Ground Level (m)	Co-Ordinates ()	TP311
20008J	03-03-21	148.34	E 485,732.7 N 191,389.0	
Contractor				Sheet
Discovery CE Ltd				1 of 1

Discovery	y CE Ltd			1 of 1
	STRATA	SAN	/PLE	S & TESTS
		Depth	No	Remarks/Tests
Depth No 0.00-0.10 0.10-0.40	DESCRIPTION  MADE GROUND: Grass over soft dark brown slightly sandy gravelly CLAY with frequent roots and rootlets. Sand is fine and medium. Gravel is subangular fine to coarse of flint.			
0.40-0.65	MADE GROUND: Firm brown slightly sandy gravelly CLAY with occasional roots and rootlets. Sand is fine and medium. Gravel is subangular fine and medium of flint and chalk.  MADE GROUND: White mottled brown very clayey subangular medium and coarse	0.30	D	
0.65-1.30	subangular medium and coarse of flint. Cobbles are subangular and subrounded of flint. (CLAY-WITH-FLINTS FORMATION)			
1.30-1.90	Structureless CHALK composed of white mottled orangish brown clayey subangular medium and coarse GRAVEL of weak chalk and flint with medium cobble content.  Cobbles are subangular of chalk and flint.  (SEAFORD AND NEWHAVEN CHALK FORMATION Grade Do.)			
1.90-2.50	Very Weak and weak low density white mottled orangish brown CHALK recovered as slightly clayery subangular medium and coarse gravel and cobbles of weak chalk and occasional flint.  (SEAFORD AND NEWHAVEN CHALK FORMATION Grade C)	2.00	В	
35 3 <u>1</u> .GDT 28/6/21				
SIN				
Shoring/Suppor Stability: All si	rt: None ides stable		RI	ENERAL EMARKS excavated trial pit
Shoring/Suppor Stability: All si	B 0.64	er w	2.5 m l acounter ith light	excavated that pit bogl. No GW red. Backfilled tly compacted upon completion.
All dimensions in Scale 1:25		L	ogged E	By MF

Discovery Geotechnical & Environmental Engineers	THE GRANARY BROADWELL HOUSE FARM BROADWELL WARWICKSHIRE CV21 8HF TEL: 01926 813909			Trial Pit No <b>TP311</b> Trial Pit Photos
Project Name Rybrook High Wycombe	Project No. 20008J	Co-ords: Level:		Date 03/03/21
Location: Handy Cross, High Wycombe		Dimensions: 2.2 m		Scale NTS
Client: Dealership Developments Ltd		2.5 m 6.		Logged By MF







Project					TRIAL PIT No
Rybrook High	TD242				
Job No	Date 03-03-21	Ground Level (m)	Co-Ordinates ()		TP312
20008J	03-03-21	148.07	E 485,813.4	N 191,409.8	
Contractor					Sheet
Discovery CE Ltd					1 of 1

Dis	cove	ery C	CE Ltd			1 of 1
			STRATA	SA	MPLE	S & TESTS
				Depth	No	Remarks/Tests
Depth 0.00-0.20 0.20-0.50	No	\(\frac{1}{2}\frac{1}{	DESCRIPTION  Grass over soft dark brown slightly sandy gravelly CLAY with frequent roots and rootlets. Sand is fine and medium. Gravel is subangular fine to coarse of flint.  (TOPSOIL)  Firm dark brown very gravelly CLAY with occasional roots and rootlets. Gravel is subangular fine and medium of flint.  (POSSIBLE MADE GROUND)	0.10	D	
0.50-0.80		0-0	White locally mottled orangish brown very clayey subangular medium and coarse GRAVEL of weak chalk and flint.	0.60	B ES	
0.80-1.25		\$ \$ \$ \$ \$ \$ \$ \$	Orangish brown and white very clayey subangular fine to coarse GRAVEL of flint and white chalk with medium cobble content. Cobbles are subangular of flint. (CLAY-WITH-FLINTS FORMATION)	0.90	В	
1.25-1.80			Structureless CHALK composed of white mottled orangish brown very clayey subangular medium and coarse GRAVEL of weak chalk and occasional flint with medium cobble content. Cobbles are subangular of chalk and occasional flint.  (SEAFORD AND NEWHAVEN CHALK FORMATION Grade Dc/Dm)			
1.80-2.40			Very Weak low density white mottled orangish brown CHALK recovered as slightly clayey subangular medium and coarse gravel and cobbles of weak chalk and occasional flint.  (SEAFORD AND NEWHAVEN CHALK FORMATION Grade C)	2.00	B ES	
Shoring/S Stability:	Supp All	ort: side	None es stable		R1 Machine	ENERAL EMARKS excavated trial p
D		2.3 – A	B 0.65		encounter with light	ogl. No GW red. Backfilled rly compacted upon completion
All dimens	sions ale 1:		etres Client Dealership Developments Method/Plant Used JCB 3CX		Logged E	By MF

	overy Sal & Environmental Engineers	THE GRANARY BROADWELL HOUSE FARM BROADWELL WARWICKSHIRE CV21 8HF TEL: 01926 813909			Trial Pit No TP312 Trial Pit Photos
Project Na Rybrook H	me ligh Wycombe	Project No. 20008J	Co-ords: Level:		Date 03/03/21
Location:	Handy Cross, High Wycombe		Dimensions:	2.0 m	Scale NTS
Client:	Dealership Developments Ltd		1.8 m 7.		Logged By MF







Project				TRIAL PIT No
Rybrook High	TD242			
Job No 20008J	Date 03-03-21 03-03-21	Ground Level (m)	Co-Ordinates ()	TP313
Contractor	Sheet			
Discovery CE	1 of 1			

Discovery CE Ltd			1 of 1
STRATA	SAN	<b>IPLE</b>	S & TESTS
	Depth	No	Remarks/Tests
Depth 0.00-0.20 0.20-0.25  No MADE GROUND: Grass over soft dark brown slightly sandy gravelly CLAY with frequent roots and rootlets. Sand is fine and medium. Gravel is subangular fine to coarse of flint.  MADE GROUND: Black rubberised bitumen over light brown CONCRETE. Unable to penetrate. Position terminated and moved 2 m south to TP313A.	Depth	No	Remarks/Tests
Shoring/Support: None Stability: All sides stable  A  D  B 0.65	to en ob 0.2 TF lig	achine 0.25 m counte struction 25 m b 2313A. htly co	ENERAL EMARKS  excavated trial pit bgl. No GW red. Concrete on encountered at gl relocated to Backfilled with ompacted arisings upletion.
All dimensions in metres Scale 1:25 Client Dealership Developments Method/Plant Used JCB 3CX	Lo	gged I	By MF

	overy  al & Environmental Engineers	THE GRANARY BROADWELL HOUSE FARM BROADWELL WARWICKSHIRE CV21 8HF TEL: 01926 813909			Trial Pit No TP313 Trial Pit Photos
Project Na Rybrook H	me ligh Wycombe	Project No. 20008J	Co-ords: Level:		Date 03/03/21
Location:	Handy Cross, High Wycombe		Dimensions:	1.5 m	Scale NTS
Client:	Dealership Developments Ltd		0.25 m		Logged By MF







Project				TRIAL PIT No
Rybrook High	TD242A			
Job No	Date 03-03-21	Ground Level (m)	Co-Ordinates ()	<b>TP313A</b>
20008J	03-03-21	147.71	E 485,822.0 N 191,399.8	
Contractor	Sheet			
Discovery CE I	1 of 1			

Disc	overy CE Ltd			1 of 1
	STRATA	SAN	1PLE	S & TESTS
		Depth	No	Remarks/Tests
0.00-0.20	DESCRIPTION  MADE GROUND: Grass over soft dark brown slightly sandy gravelly CLAY with frequent roots and rootlets. Sand is fine and medium. Gravel is subangular fine to coarse of flint.			
0.20-0.40	MADE GROUND: Firm brown slightly sandy gravelly CLAY with occasional roots and rootlets. Sand is fine and medium. Gravel is subangular fine and medium of flint and			
0.40-0.75	chalk.  MADE GROUND: White and dark brown very clayey subangular medium and coarse GRAVEL of weak chalk and occasional flint.			
0.75-1.10	Firm orangish brown very gravelly CLAY. Gravel is subangular and surounded fine to coarse of flint.  (CLAY-WITH-FLINTS FORMATION)	0.80	В	
1.10-1.50	19 mm Hand Vane Test carried out at 0.8 m bgl: 58 kPa.  Structureless CHALK composed of white mottled orangish brown clayey subangular medium and coarse GRAVEL of weak chalk and flint with medium cobble content.  Cobbles are subangular of chalk and flint.  (SEAFORD AND NEWHAVEN CHALK FORMATION Grade Dc)			
1.50-2.05	Very Weak and weak low density white mottled orangish brown CHALK recovered as slightly clayey subangular medium and coarse gravel and cobbles of weak chalk and occasional flint.  (SEAFORD AND NEWHAVEN CHALK FORMATION Grade C)			
GDT 25/5/21				
D AGS 3_1.				
o luig				
Shoring/Su Stability: A	pport: None All sides stable		R	ENERAL EMARKS
Shoring/Su Stability: A	- 2.1 A B 0.65	to en	2.05 m counter th light	excavated trial pit by by No GW red. Backfilled ly compacted upon completion.
All dimension Scale	С	Lo	ogged E	By MF

	overy Sal & Environmental Engineers	THE GRANARY BROADWELL HOUSE FARM BROADWELL WARWICKSHIRE CV21 8HF TEL: 01926 813909			Trial Pit No <b>TP313A</b> Trial Pit Photos
Project Na Rybrook H	me ligh Wycombe	Project No. 20008J	Co-ords: Level:		Date 03/03/21
Location:	Handy Cross, High Wycombe		Dimensions: 2.1 m  Depth E 2.05 m 0		Scale NTS
Client:	Dealership Developments Ltd				Logged By MF







Project				TRIAL PIT No
Rybrook High	Wycombe			TD244
Job No	Date 02-03-21	Ground Level (m)	Co-Ordinates ()	TP314
20008J	02-03-21	146.23	E 485,743.1 N 191	353.3
Contractor				Sheet
Discovery CE	1 of 1			

Discovery CE Ltd		1 of 1
STRATA	SAMP	LES & TESTS
7	Depth N	No Remarks/Tests
Depth 0.00-0.14   0.14-0.50	0	B ES
Shoring/Support: None Stability: All sides stable  1.65  A  D  B  0.5  C  All dimensions in metres Scale 1:25  Client Client Client Client Dealership Developments Ltd  Dealership Developments All dimensions in metres Scale 1:25  Ltd  JCB 3CX	to 0.6 encou obstru 0.25 r TP31 lightl	GENERAL REMARKS  nine excavated trial pit of m bgl. No GW untered. Concrete uction encountered at m bgl relocated to 4A. Backfilled with y compacted arisings completion.
All dimensions in metres Scale 1:25 Client Dealership Developments Method/Plant Used JCB 3CX	Logg	ed By MF

	overy Sal & Environmental Engineers	THE GRANARY BROADWELL HOUSE FARM BROADWELL WARWICKSHIRE CV21 8HF TEL: 01926 813909			Trial Pit No TP314 Trial Pit Photos
Project Na Rybrook H	me ligh Wycombe	Project No. 20008J	Co-ords: Level:		Date 02/03/21
Location:	Handy Cross, High Wycombe		Dimensions:	1.65 m	Scale NTS
Client:	Dealership Developments Ltd		0.6 m (9)		Logged By MF







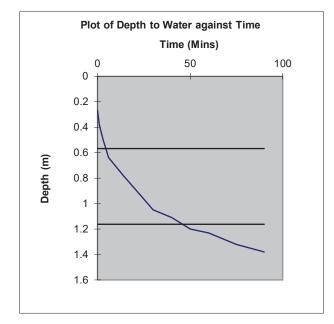
Project				TRIAL PIT No
Rybrook High	TD244A			
Job No	Date 02-03-21	Ground Level (m)	Co-Ordinates ()	TP314A
20008J	02-03-21	145.69	E 485,755.8 N 191,362	.8
Contractor	Sheet			
Discovery CE I	1 of 1			

Discovery CE Ltd			1 of 1
STRATA	SAN	1PLE	S & TESTS
	Depth	No	Remarks/Tests
Depth 0.00-0.05 0.05-0.18 0.18-0.27 0.27-0.45 0.45-0.60 0.60-1.50  MADE GROUND: White and light brown very clayey subangular fine to coarse (GROUND: AVEL of the coarse) 0.45-0.60 0.60-1.50  MADE GROUND: Dark red sandy slightly clayey subangular and subrounded fine to coarse (GROUND: Soft brown slightly clayey subangular and subrounded fine to coarse (GROUND: Soft brown slightly clayer) 0.60-1.50  MADE GROUND: Dark red sandy slightly clayer subangular and subrounded fine to coarse (GROUND: Soft brown slightly clayer subangular fine to coarse (GROUND: GROUND: Soft brown slightly sandy gravelly CLAY. Gravel is subangular fine to coarse of flint. (CLAY-WITH-FLINTS FORMATION)  Weak low density white locally mottled orangish brown CHALK recovered as slightly clayer subangular fine to coarse gravel of chalk and occasional flint. (SEAFORD AND NEWHAVEN CHALK FORMATION Grade C/B)	0.20 0.50 1.00 1.00	ES D B ES	
Shoring/Support: None Stability: All sides stable  1.78  A  B 0.46	to en ca	achine 1.5 m locounter rried or htly co	ENERAL EMARKS  excavated trial p ogl. No GW red. Infiltration to it. Backfilled wi impacted arisings inpletion.
All dimensions in metres Scale 1:25 Client Dealership Developments Ltd Method/Plant Used JCB 3CX	Lo	gged E	y MF

Discovery Geotechnical & Environmental Engineers		THE GRANARY BROADWELL HOUSE FARM BROADWELL WARWICKSHIRE CV21 8HF TEL: 01926 813909			Trial Pit No <b>TP314A</b> Trial Pit Photos
Project Name Rybrook High Wycombe		Project No. 20008J	Co-ords: Level:		Date 02/03/21
Location: Handy Cross, High Wycombe		Dimensions: 1.78 m	1.78 m	Scale NTS	
Client:	Dealership Developments Ltd		1.5 m 95		Logged By MF







Trial Pit No: TP314A - 1st Fill

Date: 02/03/2021

**Test Details** 

 Length of Trial Pit **a** (m):
 1.78

 Width of Trial Pit **b** (m):
 0.46

 Depth of Trial Pit **D** (m):
 1.46

Test Strata:

Maximum Effective Depth (m) 0.27

Volume Outflow between 75% and 25% effective depth ((Vp75-25)m3)

epth ((Vp75-25)m3) 0.487186

Time for water to fall from 75% to 25% effective depth

((Tp75-25)mins) 41.28333333

Outflow Area ((Ap50) m2) 3.4844

Time Elapsed (t) mins	Depth below Ground
	level at time t (m)
0	0.27
1	0.38
3	0.5
4	0.54
6	0.64
14	0.78
20	0.88
30	1.05
40	1.11
50	1.2
60	1.23
75	1.32
90	1.38

Soil Infiltration rate ((f)m/s)

5.64E-05

Remarks: 1000 litres emptied in to pit. Note some infiltration during filling.

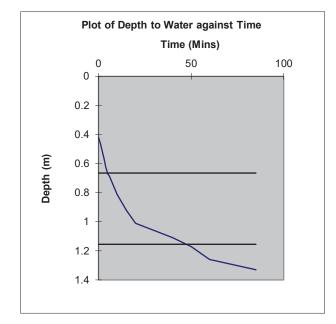
Discovery Geotechnical & Environmental Engineers

Soakaway Test

Project Rybrook Handy Cross, High Wycombe Contract 20008J

Figure

TP314A Soakaway 1



Trial Pit No: TP314A - 2nd Fill

Date: 02/03/2021

**Test Details** 

Length of Trial Pit a (m): 1.78 Width of Trial Pit **b** (m): 0.46 Depth of Trial Pit **D** (m): 1.4

Test Strata:

Maximum Effective Depth (m) 0.42

Volume Outflow between 75% and 25% effective depth ((Vp75-25)m3)

0.401212

Time for water to fall from 75% to 25% effective depth

((Tp75-25)mins) 42.61111111

Outflow Area ((Ap50) m2)

3.014

Time Elapsed (t) mins	Depth below Ground
	level at time t (m)
0	0.42
1	0.46
3	0.57
4	0.625
5	0.67
6	0.69
10	0.81
15	0.92
20	1.01
40	1.11
50	1.17
60	1.26
85	1.33

Soil Infiltration rate ((f)m/s)

5.21E-05

Remarks: 1000 litres emptied in to pit. Note some infiltration during filling.

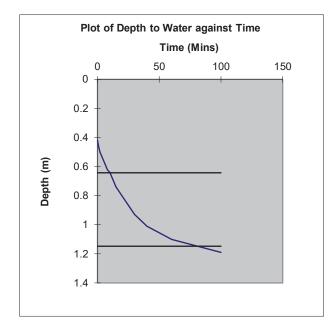
Discovery ( Geotechnical & Environmental Engineers

Soakaway Test

Project Rybrook Handy Cross, High Wycombe Contract 20008J

Figure

TP314A Soakaway 2



Trial Pit No: TP314A - 3rd Fill

Date: 02/03/2021

**Test Details** 

 Length of Trial Pit **a** (m):
 1.78

 Width of Trial Pit **b** (m):
 0.46

 Depth of Trial Pit **D** (m):
 1.4

Test Strata:

Maximum Effective Depth (m) 0.39

Volume Outflow between 75% and 25% effective depth ((Vp75-25)m3)

h ((Vp75-25)m3) 0.413494

Time for water to fall from 75% to 25% effective depth

((Tp75-25)mins) 70.98611111

Outflow Area ((Ap50) m2) 3.0812

Time Elapsed (t) mins	Depth below Ground
	level at time t (m)
0	0.42
1	0.465
2	0.5
8	0.62
10	0.64
15	0.74
30	0.93
40	1.01
60	1.1
100	1.19

Soil Infiltration rate ((f)m/s)

3.15E-05

Remarks: 1000 litres emptied in to pit. Note some infiltration during filling.

Discovery Geotechnical & Environmental Engineers

Soakaway Test

Project Rybrook Handy Cross, High Wycombe Contract 20008J

Figure

TP314A Soakaway 3



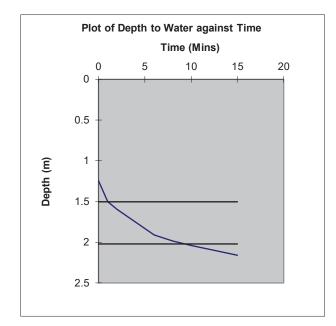
Project				TRIAL PIT No
Rybrook Hig	h Wycombe			TD246
Job No Date 02-03-21 Ground Level (m) Co-Ordinates ()				─ TP316
20008J	02-03-21	148.36	E 485,792.9 N 191,391.1	
Contractor	Sheet			
Discovery Cl	1 of 1			

Dis	scovery CE Ltd			1 of 1		
	STRATA SAMPLES & TESTS					
		Depth	No	Remarks/Tests		
Depth 0.00-0.06 0.06-0.40	No  DESCRIPTION  MADE GROUND: Grass over soft dark brown slightly gravelly very sandy CLAY with occasional roots and rootlets. Sand is fine. Gravel is subangular and subrounded fine and medium of flint.  MADE GROUND: Firm friable dark brown slightly sandy gravelly CLAY with	0.20				
0.40-1.00	occasional roots and rootlets. Sand is fine. Gravel is subangular and subrounded fine and medium of flint and weak chalk.  MADE GROUND: White and light brown very clayey subangular and subrounded fine to	0.30	D ES			
1.00-1.70	coarse GRAVEL of weak chalk and occasional flint.  Firm dark brown gravelly CLAY with medium cobble content. Gravel is subangular and	0.60	D			
	subrounded fine to coarse of flint. Cobbles are subangular and subrounded of flint. (CLAY-WITH-FLINTS FORMATION)	1.50 1.50	B D			
1.70-2.30	Very Weak and weak low density white mottled brown CHALK recovered as clayey subangular and subrounded fine to coarse gravel and cobbles of chalk. (SEAFORD AND NEWHAVEN CHALK FORMATION Grade C)	- 1.50	ES			
		2.20	В			
NI S ID AGS 3 T.GDT   25/5/21						
Shoring/S Stability:	Support: None All sides stable			ENERAL EMARKS		
Shoring/Stability:	1.76 ————————————————————————————————————	t   e   c   l	to 2.3 m lencounter carried or	excavated trial pit ogl. No GW red. Infiltration test at. Backfilled with mpacted arisings apletion.		
All dimer	sions in metres ale 1:25 Client Dealership Developments Method/ Plant Used JCB 3CX	I	Logged E	By MF		

Discovery Geotechnical & Environmental Engineers		THE GRANARY BROADWELL HOUSE FARM BROADWELL WARWICKSHIRE CV21 8HF TEL: 01926 813909			Trial Pit No TP316 Trial Pit Photos
Project Na Rybrook H	me ligh Wycombe	Project No. 20008J	Co-ords: Level:		Date 02/03/21
Location:	Handy Cross, High Wycombe		Dimensions:	1.76 m	Scale NTS
Client:	Dealership Developments Ltd		2.3 m 6.		Logged By MF







Trial Pit No: TP316 - 1st Fill

Date: 02/03/2021

**Test Details** 

 Length of Trial Pit **a** (m):
 1.76

 Width of Trial Pit **b** (m):
 0.48

 Depth of Trial Pit **D** (m):
 2.28

Test Strata:

Maximum Effective Depth (m) 1.245

Volume Outflow between 75% and 25% effective depth ((Vp75-25)m3)

0.437184

Time for water to fall from 75% to 25% effective depth

((Tp75-25)mins) 8.278708134

Outflow Area ((Ap50) m2) 3.1632

Time Elapsed (t) mins	Depth below Ground
	level at time t (m)
0	1.245
1	1.5
2	1.595
6	1.91
8	1.985
10	2.04
15	2.16

Soil Infiltration rate ((f)m/s)

2.78E-04

Remarks: 1000 litres emptied in to pit. Note some infiltration during filling.

Discovery

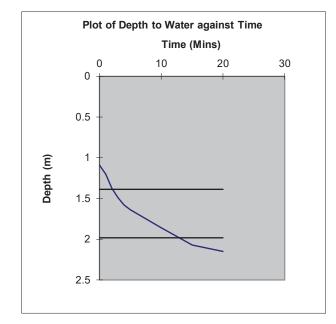
Geotechnical & Environmental Engineers

Soakaway Test

Project Rybrook Handy Cross, High Wycombe Contract 20008J Figure

TDOAG

TP316 Soakaway 1



Trial Pit No: TP316 - 2nd Fill

Date: 02/03/2021

**Test Details** 

 Length of Trial Pit **a** (m):
 1.76

 Width of Trial Pit **b** (m):
 0.48

 Depth of Trial Pit **D** (m):
 2.28

Test Strata:

Maximum Effective Depth (m) 1.09

Volume Outflow between 75% and 25% effective depth ((Vp75-25)m3)

epth ((Vp75-25)m3) 0.502656

Time for water to fall from 75% to 25% effective depth

((Tp75-25)mins) 10.80797101

Outflow Area ((Ap50) m2) 3.5104

Time Elapsed (t) mins	Depth below Ground
	level at time t (m)
0	1.09
1	1.205
2 3	1.375
	1.49
4	1.58
5	1.64
10	1.86
15	2.07
20	2.15

Soil Infiltration rate ((f)m/s)

2.21E-04

Remarks: 1000 litres emptied in to pit. Note some infiltration during filling.

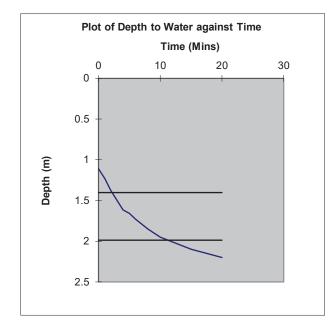
Discovery Geotechnical & Environmental Engineers

Soakaway Test

Project Rybrook Handy Cross, High Wycombe Contract 20008J

Figure

TP316 Soakaway 2



Trial Pit No: TP316 - 3rd Fill

Date: 02/03/2021

**Test Details** 

 Length of Trial Pit **a** (m):
 1.76

 Width of Trial Pit **b** (m):
 0.48

 Depth of Trial Pit **D** (m):
 2.28

Test Strata:

Maximum Effective Depth (m) 1.11

Volume Outflow between 75% and 25% effective depth ((Vp75-25)m3)

0.494208

9.058510638

Time for water to fall from 75% to 25% effective depth ((Tp75-25)mins)

Outflow Area ((Ap50) m2) 3.4656

Time Elapsed (t) mins	Depth below Ground
	level at time t (m)
0	1.11
1	1.23
2	1.38
4	1.615
5	1.66
6	1.73
8	1.85
10	1.95
15	2.1
20	2.2

Soil Infiltration rate ((f)m/s)

2.62E-04

Remarks: 1000 litres emptied in to pit. Note some infiltration during filling.

Discovery Geotechnical & Environmental Engineers

Soakaway Test

Project Rybrook Handy Cross, High Wycombe Contract 20008J

Figure

TP316 Soakaway 3