

Project				PERCUSSIVE BOREHOLE No
Pinhole Clay P	it			CP1
Job No	Date	Ground Level (m)	Co-Ordinates ()	CPI
WE00298	18-11-09	60.36		
Contractor				Sheet
Paddy Brine D	1 of 2			

	Pad	dy Brin	e Drillin	ıg		1 of								f 2	
	SAMPL	ES & T	ESTS						STRA	TA					ent/
	Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thick- ness)			DESCI	RIPTION			Geology	Instrument/ Backfill
	-						-	Made Grou of sandstor	and - Comp	pact dark b	rown claye	y gravelly	sand. Gravel is	-	
	-							or sandstor	ic and occi	isional bire	k Haginen				
	- 0.50	D					-								
53	1.00-1.45	SPT	N36				- - - -								
15:34:	- - -						- -								
2/2010	1.70	В													
T 12/0	2.00-2.45	SPT	N44				- (4.00)								
ND.GD	<u>-</u>					\bowtie	-								
KE BO	2.70														
) CLAR	2.70	D	1,700												
98.GP	3.00-3.45	SPT	N23												
WE002	<u>-</u> -					\bowtie									
\GINT\	3.70-3.90	В													
3 DATA	- 4.00-4.45	SPT	N11		56.36		4.00	Made Grou	and - Soft o	dark brown	sandy gra	velly CLA	Y. Gravel is of		
ENV/CE	- - -					\bowtie	-	brick and s	andstone f	ragments.					
- GEO	- - -					\bowtie	(1.00)								
NDATA	- 4.70 -	D			55.36		5.00								
ICTION	5.00-5.45	SPT	N7			\bowtie	-	Made Grou clayey grav	ınd - Comp vel. Grave	pact dark b	rown and r	ed brown s s with occa	andy very sional		
PRODL								sandstone.			υ				
PITS	5.70-5.90	В					(1.60)								
E CLA)	6.00-6.45	SPT	N18												
PINHO	- -					\bowtie									
0298 -	- -				53.76	\bowtie	6.60	Made Grou	ınd - Comi	nact red bro	own slightl	v clavev or	avelly sand.		
-S\WE0	6.80-7.20	В					-	Gravel is o				y ciaycy gi	aveny sand.		
COLECT	-						-								
ICE\PF	7.50.7.05	CDT	27.4				- -								
ER OFF	7.50-7.95	SPT	N4				-								
EXET	- -						-								
Boring Progress and Water Observations Date Time Depth Casing Water Depth Dia. mm Depth Depth Depth Dia. mm Depth Dep						Chiselling To	Ĭ	Water From	Added	DEMARKS					
E LOG NYCBSW EXETER OFFICE/PROJECTS/WE00298 - PINHOE CLAY PITS/PRODUCTIOMDATA - GEO ENVICB DATA/GINTIWE00298.GPJ CLARKE BOND.GDT 12/02/2010 15:34:53	18-11-09	10.30	0.00		Depth D	Yia. mm	Dpt	From	10	Hours	TTOIII	То	No installation		
ш	/		00	1			l	11		1	1	1			

N:\CBSW E>	Boı	ring Prog	gress and	Water C	er Observations Chiselling Water Added					GENERAL		
	Date	Time	Depth	Cas Depth	Casing Water Depth Dia. mm Dpt		From	То	Hours	From	То	REMARKS
BGE PERCUSSIVE BOREHOLE LOG	18-11-09	10.30	0.00	•		•						No installation
8A0	Δ11 dime	ncione in r	netres Cl	ient Pin	hoe Ouar	rvIIP	Meth	od/				Logged By

All dimensions in metres Scale 1:50 Client Pinhoe Quarry LLP Method/Plant Used Pilcon 1 ton Logged By APC



Project				PERCUSSIVE BOREHOLE No
Pinhole Clay P	it			CP1
Job No	Date	Ground Level (m)	Co-Ordinates ()	GPT
WE00298	18-11-09	60.36		
Contractor				Sheet
Paddy Brine D	2 of 2			

1 add	iy Dilli	Z of Z									
SAMPLE	ES & T	ESTS	ı				STRATA				ent/
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thick- ness)	DESCR		Geology	Instrument/ Backfill	
8.50 - 9.00-9.45	D SPT	N15	11 12			(3.10)	Made Ground - Compact red bro Gravel is of brick and sandstone.	own slightly clayey gra	avelly sand.		
9.90-10.20	В			50.66		9.70	Made Ground - Firm red brown of brick and sandstone. Occasio	gravelly very sandy cl nal wood fragments.	lay. Gravel is		
10.50- 10.95	SPT	N37		49.76		10.60	Stiff dark red brown and purple s Gravel is is of very weak fragme	slightly sandy gravelly ents of shale and sands	y CLAY.		
11.20- 11.70 11.70 12.00- 12.40	В					(1.40)				1	
Borin Boring - 12.400-12.400 - 12.400 -	SPT D SPT	N50/ 30 N52/ 150		47.66		12.00	Very weak purple brown thinly I Occasional thin (2cm thick) band extremely closely fissured with occasional red brown clay infill. End of hole at 12.7mbgl.	ds of sandstone. Mud red brown staining on	stone is		
Borin	Boring Progress and Water Observations						Chiselling	Water Added	GENE	RAL	

N:\CBSW E)	Boı	ring Prog	gress and	Water C	bservati	ons	Chiselling Water Adde				Added	GENERAL		
	Date	Time	Depth	Cas Depth	Casing Water Depth Dia. mm Dpt		From	То	Hours	From	То	REMARKS		
CBGE PERCUSSIVE BOREHOLE LOG	19-11-09	16.30	12.70	11.00		Dry	12.5	12.7	0030			No installation		
8A CBGE PER			natras Cl	iont Div	hoe Quar	IID	Meth	- d/				Logged By		

All dimensions in metres Scale 1:50 Client Pinhoe Quarry LLP Method/Plant Used Pilcon 1 ton Logged By APC



Project Pinhole Clay F	Pit		PERCUSSIVE BOREHOLE No
Job No WE00298	CP2		
Contractor	1	 I	Sheet
Paddy Brine D	Prilling		1 of 1

SAMPLE	ES & T	ESTS	r		STRATA						
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thick- ness)	DESCRIPTION	Geology	Instrument/ Backfill		
0.20-0.90	В						Made Ground - Firm reddish grey brown slightly sandy gravelly clay. Gravel is of angular fragments of brick, sandstone and quartz. Occasional paper.				
1.00-1.45	SPT	N16				(2.70)					
1.90 -1.90 -2.00-2.45	D SPT	N30		63.09		2.70					
¥ 2.70-2.90	В			62.79		3.00	Firm red brown and grey purple slightly sandy gravelly CLAY.				
3.00-3.45	SPT	N56		02.79		3.00	Gravel is of extremely weak fragments of shale. Stiff dark red brown and purple slightly sandy gravelly CLAY. Gravel is is of very weak fragments of shale and sandstone.				
3.70	D					<u>†</u>					
4.00-4.45	SPT B	N52				-(2.00)					
5.00-5.30	SPT	N50/		60.79		5.00	Very weak purple brown thinly laminated fine grained MUDSTONE.				
9 - 5.30	D	70 N50/		60.29		(0.50) 5.50	Occasional thin bands of sandstone. Mudstone is extremely closely fissured with red brown staining on surfaces and occasional red				
## 1.90	SPT	70					brown clay infill. End of hole at 5.5mbgl.				
Rorin	o Prog	rece and	d W	ater Oh	cervati	ons	Chiselling Water Added CENE	DAT			

N:\CBSW E	Boı	ring Progress and Water Observations Chiselling Water Added						Added	GENERAL			
N:\C	Date	Time	Depth	Casing Depth Dia. mm		Water Dpt	From	То	Hours	From	То	REMARKS
BGE PERCUSSIVE BOREHOLE LOG	26-11-09 26-11-09 27-11-09 27-11-09	10.30 16.30 08.00 10.00	0.00 5.30 5.30 5.50	1.50 1.50 1.50		Dry Dry Dry	5.3	5.5	0100			No installation
ğſ	All dimensions in the Client Diphos Querry LLD Method/										Logged By	

All dimensions in metres Scale 1:50

Client Pinhoe Quarry LLP Method/Plant Used Pilcon 1 ton

Logged By APC



Project				PERCUSSIVE BOREHOLE No
Pinhole Clay P	CP2i			
Job No	Date	Ground Level (m)	Co-Ordinates ()	CPZI
WE00298	17-11-09	66.24		
Contractor	Sheet			
Paddy Brine D	1 of 2			

Paddy Brine Drilling 1 of 2													
SAMPI	LES & T	ESTS	ı					STRA	TA				y ent/
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thick- ness)			DESCI	RIPTION			Geology Mackfill
0.20	В						Made Gro Gravel is o Occasiona	of angular f	reddish gre ragments o	ey brown s of brick, san	lightly sand ndstone and	ly gravelly clay. l quartz.	
1.00-1.45	SPT	N5											
1.70	D					-							
2.00-2.45	SPT	N4				(4.20)							
1.70 2.00-2.45 2.70-2.90	В					- - - - -							
3.00-3.45 3.70 4.00-4.45	SPT	N4				- - - - -							
3.70	D					[
4.00-4.45	SPT	N7		62.04		4.20							
- - -						-	Made Gro brick and	und - Com _] brick fragn	pact red bro ents. Occa	own sandy sional met	clayey gra al and plast	vel. Gravel is of ic.	
- - 4.70-4.90	В					<u> -</u>							
- - 5.00-5.45	SPT	N6				-							
						[
- - 5.70	D					-							
- - 6.00-6.45	SPT	N4				<u>-</u>							
						(4.50)							
-													
- 6.80-7.20 - -	В					- 							
- - -						-							
7.50-7.95	SPT	N8				<u> </u>							
							П	~				1	
Bor	ing Prog	gress and					1	Chisellin	Ť		Added	GENE REMA	
17-11-09	Time 10.30	Depth 0.00	D	Casin epth I	Sia. mm	Water Dpt	From	То	Hours	From	То	Hole complete	
1, 11 0)	10.50	0.00										top hat cover	a with fulget
A-70-4.90 B 5.00-5.45 SPT N6						ry LLP	Metl Plan	hod/ t Used	Pilcon	1 ton	<u> </u>	Logged By AP	C



Project				PERCUSSIVE BOREHOLE No
Pinhole Clay P	it			CP2i
Job No	Date	Ground Level (m)	Co-Ordinates ()	GPZI
WE00298	17-11-09	66.24		
Contractor				Sheet
Paddy Brine Dr	2 of 2			

SAMPLES & TESTS	ı.				STRATA				ent/
Depth Type Test Result	Water	Reduced Level	Legend	Depth (Thick- ness)		RIPTION		Geology	Instrument/ Backfill
8.20 D		57.54		0.70	Made Ground - Compact red brobrick and brick fragments. Occa	own sandy clayey grav sional metal and plast	vel. Gravel is of ic(continued)		
8.80 D 9.00-9.45 SPT N13		56.94		(0.60)	Made Ground - Compact slightly coarse gravel sized pockets of si	y clayey sand. Occasi lt.	onal medium to		
88- 9.50-9.90 B		30.74	 	7.50	Stiff dark red brown and purple Gravel is is of very weak fragme	slightly sandy gravelly ents of shale and sands	y CLAY. stone.		
[- -				(1.40)					
10.50- 10.70 SPT N50/ 70 10.80 D		55.54 55.24		10.70	Very weak purple brown thinly Occasional thin bands of sandsto	one. Mudstone is extr	emely closely		
70 70 70 70 70 70 70 70 70 70 70 70 70 7				- - - -	\brown clay infill. End of hole at 11.0mbgl.		/		
ENVCB DATA				- - - -					
ONNDATA - GEC				-					
TSPRODUCIT				-					
INHOE CLAY PI				- - - - -					
SIWE0028 - P				- - - - -					
FICE/PROJECT				- - - - -					
Boring Progress and Boring	Boring Progress and Water O			ons	Chiselling	Water Added	GENE	D A I	

3SW E)	Bo	ring Prog	gress and	Water C	Observation	ons	(Chisellin	g	Water Added		GENERAL
S.	Date	Time	Depth	Cas Depth	sing Dia. mm	Water Dpt	From	То	Hours	From	То	REMARKS
BGE PERCUSSIVE BOREHOLE LOG	17-11-09	16.30	11.00	9.30		Dry	10.8	11.0	0030			Hole completed with raised top hat cover
Log *08A C	All dimensions in metres Scale 1:50 Client Pinhoe Quarry LLP						Meth Plan	nod/ t Used	Pilcon	1 ton	<u> </u>	Logged By APC



Project				PERCUSSIVE BOREHOLE No
Pinhole Clay P	it			CP3
Job No	Date	Ground Level (m)	Co-Ordinates ()	CF3
WE00298	19-11-09	61.17		
Contractor	Sheet			
Paddy Brine D	1 of 2			

SAMPLES & TESTS			ı.				STRATA				ent/
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thick- ness)	DESCI	RIPTION		Geology	∐nstrument/ ⊠Backfill
-							Made Ground - Firm red brown Gravel is of angular, fine to med and brick.	slightly sandy slightly dium sized fragments	gravelly clay. of mudstone		
0.50	D					<u> </u>					
1.00-1.45	SPT	N31									
	В				XX						
2.00-2.45	SPT	N17				(4.10)					
2.70	D					[
3.00-3.45	SPT	N18				- -					
5 3.70-3.90	В				\Longrightarrow						
4.00-4.45	SPT	N13		57.07		4.10	Made Ground - Firm dark red br of angular fragments of brick an	rown sandy gravelly cl d sandstone.	ay. Gravel is		
4.70	D					<u> </u>					
1.70-1.90 2.700-2.45 2.00-2.45 2.00-2.45 3.00-3.45 3.70-3.90 4.00-4.45 4.70 5.00-5.45 6.00-6.45	SPT	N15									
5.70-5.90	В				XX	(3.40)					
&-	SPT	N10									
6.80-7.20	В			53.67		7.50					
7.50-7.95	SPT	N33		33.07		7.30	Made Ground - Compact slightly coarse gravel sized pockets of si	y clayey sand. Occasi lt.	onal medium to		
Borin	g Prog	ress and	d W	ater Ob	servati	ons	Chiselling	Water Added	GENE	RAL	

×							1					
3SW E	Bo	ring Prog	gress and	Water C	Observati	ons		Chisellin	g	Water	Added	GENERAL
S.	Date	Time	Depth	Cas Depth	sing Dia. mm	Water Dpt	From	То	Hours	From	То	REMARKS
CBGE PERCUSSIVE BOREHOLE LOG	19-11-09	10.30	0.00	•		•						Hole completed with raised top hat cover
Log *08A (All dimensions in metres Scale 1:50 Client Pinhoe Quarry LLP							hod/ nt Used	Pilcon	1 ton		Logged By APC



Project				PERCUSSIVE BOREHOLE No
Pinhole Clay P	CP3			
Job No	Date	Ground Level (m)	Co-Ordinates ()	CPS
WE00298	19-11-09	61.17		
Contractor	Sheet			
Paddy Brine D	2 of 2			

	<i>y</i> = 1111		-0					-	
SAMPLE	S & T	ESTS	, i				STRATA	~	lent/
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thick- ness)	DESCRIPTION	Geology	Instrument/ Backfill
8.00-8.50	В			52.07		(1.60)	Made Ground - Compact slightly clayey sand. Occasional medium to coarse gravel sized pockets of silt.(continued)	O	
9.00-9.45	SPT D	N12		52.07		(0.50)	Stiff dark red brown and purple slightly sandy gravelly CLAY. Gravel is is of very weak fragments of shale and sandstone.		
9.70-10.20	В			51.57		9.60	Very weak purple brown thinly laminated fine grained MUDSTONE Occasional thin bands of sandstone. Mudstone is extremely closely fissured with red brown staining on surfaces and occasional red brown clay infill.		
70.50 - 10.50 - 10.95	SPT	N14				(2.40)			
11.50	D			49.17		12.00			
9.70-10.20 10.50- 11.50 11.50 12.00- 12.10 12.10 12.40 Borin	SPT D SPT	N50/ 20 N50/ 20		77.11			End of hole at 12mbgl		
Borin	Boring Progress and Water Observations					ons	Chiselling Water Added GENI	ERAL	,

×												
3SW E	Boring Progress and Water Observations							Chisellin	g	Water Added		GENERAL
N.	Date	Time	Depth	Cas Depth	sing Dia. mm	Water Dpt	From	То	Hours	From	То	REMARKS
SBGE PERCUSSIVE BOREHOLE LOG	19-11-09	15.00	12.00	11.50		10.1	12	12.1	0030			Hole completed with raised top hat cover
Log *08A (All dimensions in metres Scale 1:50 Client Pinhoe Quarry LLP						Metl Plan	nod/ t Used	Pilcon	1 ton		Logged By APC



Project				PERCUSSIVE BOREHOLE No
Pinhole Clay I	Pit			
Job No	Date 19-11-09	Ground Level (m)	Co-Ordinates ()	CP4
WE00298	20-11-09	57.87		
Contractor	Sheet			
Paddy Brine I	1 of 1			

1 auc		Dillilli	15				1				
SAMPLI	ES & T	ESTS	l .				STRATA				ent/
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thick- ness)	DESCR	RIPTION		Geology	Instrument/
0.70-0.80	B SPT	N12				-(2.00)	Made Ground - Firm red brown Gravel is of angular, fine to med and brick.	slightly sandy slightly dium sized fragments	gravelly clay. of mudstone		
1.70 2.00-2.45 2.70-2.90	D SPT	N4		55.87		2.00	Made Ground - Soft red brown s brick and sandstone fragments.	andy gravelly silt. Th	e gravel is of		
	B SPT	N3				(1.80)					
3.00-3.45	D SPT	N8		54.07		3.80	Made Ground - Firm dark brown gravelly clay. Gravel is of brick fragments.	n and red brown slight and sandstone. Occa	ly sandy sional wood		
4.80 5.00-5.45	D SPT	N54		53.07		4.80	Stiff dark red brown and purple : Gravel is is of very weak fragme	slightly sandy gravelly ents of shale and sands	y CLAY. stone.		
5.70-5.90	B SPT	N83				(2.00)					
6.70 6.700-7.20 6.700-7.20 Borir	D SPT	N50/ 50		51.07 50.87		6.80		one. Mudstone is extr	emely closely		
& Borin	ng Prog	ress an	d W	ater Ob	servati	ions	Chiselling	Water Added	GENE	RAL	,
Ol	Boring Progress and Water C		Charin		Water			DELLA	DIZO	•	

×												
3SW E	Boring Progress and Water Observations							Chisellin	g	Water Added		GENERAL
S)	Date	Time	Depth	Cas Depth	sing Dia. mm	Water Dpt	From	То	Hours	From	То	REMARKS
CBGE PERCUSSIVE BOREHOLE LOG	19-11-09 19-11-09 20-11-09	15.30 16.30 10.30	0.00 2.00 7.00	2.00 4.80		Dry Dry	6.8	7.0	0030			Hole completed with raised top hat cover
Log *08A (All dimensions in metres Scale 1:50 Client Pinhoe Quarry LLP						Metl Plan	nod/ t Used	Pilcon	1 ton		Logged By APC