WACS

ACS Testing Ltd Tel: 01202 622858 Fax: 01202 625045 Email: testing@acstesting.co.uk www.acstesting.co.uk

BOREHOLE LOG

WINDOWLESS SAMPLING

Borehole No.

Sheet 1 of 1

Client: Borough of Poole

Lab. Ref: 18-96795

Drilling Equipment:

Hole Type WLS+DP

Contract:

Poole Park Miniature Railway

Whitecliff Road, Poole, BH15 2SF

Dando Terrier Mk1 Tracked Dynamic Percission Rig

Scale 1:25

Ground Level (mAOD): 1.20

Co-ords:

DNS

Date(s): 05/10/2018

Logged By DW

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Poole Park Miniature Railway

Whitecliff Road, Poole, BH15 2SF

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BOREHOLE LOG

WINDOWLESS SAMPLING

18-96795

Borehole No. **DPB**

Sheet 1 of 1

Client: Borough of Poole

Contract:

Location:

Lab. Ref: Drilling Equipment: Hole Type WLS

Scale 1:25

Ground Level (mAOD): 1.20 Co-ords: **Date(s):** 05/10/2018 Not Surveyed

Logged By

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ACS Testing Ltd Tel: 01202 622858 Fax: 01202 625045 Email: testing@acstesting.co.uk www.acstesting.co.uk Trial Pit No. TRIAL PIT LOG **TP01** Sheet 1 of 1 Hole Type Client Borough of Poole Dimensions (m): Lab Ref. 18-96795 Depth TP (m): 0.65 Plant Used: Site Poole Park Miniature Railway Scale .45 1.00 2t Tracked Mini Excavator 1:10 Whitecliff Road Poole BH15 2SF

								Log	ged By	
ou	nd Level (mAOD): 1.20	Co-ords:	DNS			Date(s)	01/10/20	18		DW
l ts	Stratum Description		Depth (Level)	Thickness	Legend	Water Strikes	Sample (Type)		Testing	
	BOUND MACADAM.		(Level)	Ē		St	Depth	Depth	Туре	Results
-										
	MADE GROUND. Light brown ver to coarse SAND. Gravel is fine to angular to sub-rounded of flint and	coarse sub-	0.12 (1.08)				0.12 (D)			
}	MADE GROUND. Greyish brown s cobbly fine to coarse sub-angular rounded GRAVEL of flint, brick and	slightly sandy to sub-	0.23 (0.97)				0.23			
	Clasts comprise sub-angular to su flint brick and concrete.						(B)			
}	Dark grey mottled dark brown sligl pseudo-fibrous PEAT. Moderate or noted. (Tidal Flat Deposits)	ntly sandy ganic odour	0.42 (0.78)		s alto alto a alto alto alto s alto alto a alto alto alto	ý.	0.42			
	noted. (Hadi Flat Deposito)				s alto alto a alto alto alto s alto alto a alto alto alto	9 30 9	(D)			
1	Light grey mottled dark grey silty fi	ne to coarse	0.65 (0.55)		x x x x x		0.65 0.65			
1	SAND. (Tidal Flat Deposits)				x	×				
				(0.35)	* * * * * * * * * * * * * * * * * * *	X.	(D)			
	End of Trial Pit at 1.000n		1.00 (0.20)		x	x x	1.00			
-										
-										
-										
-										
-										
-										
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ark	Base of concrete bridge deck measured a ss: beside narrow gauge railway. The track is						rit Stability: Sta	able		
nica	macadam. al Notes (where applicable):									
	by of fine grained soil assessed by hand worked tests in accordan	ce with BS5930. Chalk de	escrintions in accordance	with CIPI	A CE74	G	Froundwater: No	t encountered		

WACS

Client:

Contract:

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BOREHOLE LOG

WINDOWLESS SAMPLING

18-96795

Borehole No. WS01

Sheet 1 of 1

Hole Type WLS+DP

Scale 1:25

Lab. Ref:
Drilling Equipment:

Dando Terrier Mk1 Tracked Dynamic

Percussion Rig

Location: Whitecliff Road, Poole, BH15 2SF

Poole Park Miniature Railway

Borough of Poole

Ground Level (mAOD): 1.20 Co-ords: DNS

All units	Stratum Description	Depth	Thickness	Legend	Water	Backfill	Sample (Type)		In S	Situ Testing		Drill
= (m)	Refer to TP01 Log.	(Level)	Thic		Strikes		Depth	Depth	Туре	Resu	ults	Run
	Relei to TPUT LOG.		(1.00)									TP01
1	Light grey mottled dark grey silty fine to coarse SAND. (Tidal Flat Deposits) Very soft grey peaty CLAY. Weak organic odour. (Tidal Flat Deposits) Dark greyish brown slightly sandy pseudo-fibrous PEAT. Moderate organic odour. (Tidal Flat Deposits)	1.00 (0.20) 1.04 (0.16) 1.39 (-0.19)	(0.61) (0.35)	alle _ ali alle ali				1.00	SPT(C)	N=0 (0,0/	0.0.0)	(87mm dia) Rec=100%
2	Medium dense light grey fine to coarse SAND. (Poole Formation) Medium dense light greyish brown very gravelly fine to coarse SAND. Croud is fine out, gravely at a sounded of flight.	2.00 (-0.80)	(0.38)	silo, silo	•			2.00	SPT(C)	N=20 (0,1.	/4,5,6,5)	
3	coarse SAND. Gravel is fine sub-angular to rounded of flint. (Poole Formation) Light grey silty fine to coarse SAND. (Poole Formation) Firm grey very sandy SILT. End of Borehole at 3.000m	2.49 (-1.29) 3.00 (-1.80)	(0.51)									(87mm dia) Rec=71%
4			Dynamic Probe (DPSH-B)	4.30 4.40 4.50 4.60 4.70 4.80 4.90	m m m m m m m m m m m m m m m m m m m	8 8 7 6 6 6 6 5 5 6 6 4 4 4 7 7 6 6 7 7 8 8 8 9 9 8 8 8 7 11 11 11 11 11 11 11 11 11 11 11 11 1			D	Dury (400 mm)		
	General Remarks		<u> </u>	Depth		lows dwater	Observati	ons:	ВІ	ows/100mm		
Densitie Chalk of 2. Sam	General Remarks: Consistency of fine grained soil assessed by hand worked tests in accordance with BS5930. ensities of granular material, if identified, based on N-Values derived from in situ SPT testing. halk descriptions, if identified, are in accordance with CIRIA C574 Sampling terminated at 3.00mbgl due to running sands. Dynamic probe testing undertaken from 00mbgl.											

ACS Testing Ltd Tel: 01202 622858 Fax: 01202 625045 Email: testing@acstesting.co.uk www.acstesting.co.uk Borehole No. **BOREHOLE LOG** WS02A WINDOWLESS SAMPLING Sheet 1 of 1 Hole Type Client: Borough of Poole Lab. Ref: 18-96795 WLS Drilling Equipment: Poole Park Miniature Railway Contract: Scale Dando Terrier Mk1 Tracked Dynamic Percussion Rig 1:25 Whitecliff Road, Poole, BH15 2SF Location: Logged By

Gro	und Level (mAOD): 1.20	Co-ord	s: Not S	urv	eyed			Date(s):	: 02/1	0/2018			W By
All units	Stratum Description		Depth	Thickness	Legend	Water Strikes	Backfill	Sample (Type) Depth		In	Situ Testing	J	Drill
(m)			(Level)	Ę		Suikes		Depth	Depth	Туре		Results	Run
1	BOUND MACADAM.		0.02 (1.18)										Core
1,1111111111111111111111111111111111111	CONCRETE. MADE GROUND. Light greyish brown slightly san- cobbly fine to coarse sub-angular to sub-rounded GRAVEL of flint and concrete. Cobbles comprise s angular to sub-rounded concrete.	dy sub-	0.17 (1.03)	(0.50)									(117mm dia) Rec=100%
1			0.67 (0.53)										
1	End of Borehole at 0.670m		0.07 (0.55)										
1													
=													
1 -													
1													
1													
=													
-													
-													
1													
1													
1													
7													
2 –													
1													
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1													
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1													
1													
4													
77													
1													
7													
7													
1													
1													
1													
1													
5					<u> </u>		4		<u> </u>				
	arks:				-			Observat				_	
sampl	ing terminated at 0.67mbgl due to concrete sub-slab					Date	Str	ike Cas	sing Ti	me Elapsed	Standing	Rem	arks
Tooh-:-	al Notes (where applicable):				-								
Consistence description	al Notes (where applicable): y of fine grained soil assessed by hand worked tests in accordance with BS5930. Densiti in accordance with CIRIA C574*	ies of granular mate	rial based on in situ SP	T N-valu	ues. Chalk								
								1					



Ground Level (mAOD):

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BOREHOLE LOG

WINDOWLESS SAMPLING

Borehole No. **WS02**

Sheet 1 of 1

Client: Lab. Ref: Borough of Poole **Drilling Equipment:**

Hole Type 18-96795 WLS+DP

Contract: Poole Park Miniature Railway

Dando Terrier Mk1 Tracked Dynamic Percussion Rig

Scale 1:25

Location: Whitecliff Road, Poole, BH15 2SF

1.20

Co-ords: DNS Date(s): 02/10/2018 Logged By DW

	, ,		ur.			1	<u> </u>						, v ,
All units =	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Backfill	Sam (Typ Dep	ple pe)		ln :	Situ Testing		Drill Run
(m)	POLIND MACADAM	(Level)	Ě		5			oth De	epth	Туре		Results	Kuii
	BOUND MACADAM. MADE GROUND. Light greyish brown slightly sandy cobbly fine to coarse sub-angular to sub-rounded GRAVEL of flint and concrete. Cobbles comprise sub-angular to sub-rounded flint and concrete.	- 0.09 (1.11)	(1.07)										Core
1 —	Dark greyish brown slightly sandy pseudo-fibrous PEAT. Moderate organic odour. (Tidal Flat Deposits)	- 1.16 (0.04) - 2.00 (-0.80)	(0.84)	allo allo allo allo allo allo allo allo	7				.00	SPT(C)		9 (2.4/3.4.5,7)	(87mm dia) Rec=61%
	Running fine SAND. (Driller's description).		(1.00)										(87mm dia) Rec=0%
3 -	End of Borehole at 3.000m	3.00 (-1.80)		3.00	0m	1	4	<u>'</u>					
				3.10		1							
				3.20		1							
				3.30		3							
]				3.40		5	4						
				3.60		6							
			- Θ	3.70	0m	4	T						
3) PSH	3.80)m	4							
4 —) eqo	3.90		6							
3			Dynamic Probe (DPSH-B)	4.00		5							
=			Dyna	4.20		8							
=				4.30	0m	11							
3				4.40)m	9							
				4.50		7							
				4.60		8							
=				4.80		5	7						
				4.90		7							
5 —				рі	ows/100mm								
	General Remarks:	1	-	Depti		lows dwater	Obser	rvations:					
1. Con	sistency of fine grained soil assessed by hand worked tests in ac es of granular material, if identified, based on N-Values derived fr	cordance with I	BS59	~	Date		rike	Casing		Elapsed	Standing	Rem	arks
Chalk of 2. No s	es or granular material, it identified, based on N-Values derived fr lescriptions, if identified, are in accordance with CIRIA C574 ample recovery between 2.00-3.00m due to saturated material. E aken from 3.00mbgl.			- 1	02-10-201	8 1.0	00m	1.00m	20	Omins	1.00m		

ACS Testing Ltd Tel: 01202 622858 Fax: 01202 625045 Email: testing@acstesting.co.uk www.acstesting.co.uk Trial Pit No. TRIAL PIT LOG **TP02** Sheet 1 of 1 Hole Type Depth (m): Client Borough of Poole Dimensions (m): Lab Ref. 18-96795 TP 0.70 Plant Used: Site Poole Park Miniature Railway Scale .45 1.00 2t Tracked Mini Excavator

ocat	ion Whitecliff Road, Poole, BH15 2SF	1.00 4.0			Zt Tracke	ed Mini Excav	ator		1:10
≩rou	nd Level (mAOD): 1.20 Co-ords	s: DNS			Date(s)	01/10/20	018	_	ged By DW
All nits = m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Sample (Type) Depth	Depth	Testing Type	Results
_	BOUND MACADAM.		-				Борат	Турс	rtodato
-	MADE GROUND. Light brown very gravelly to coarse SAND, Gravel is fine to coarse sul angular to sub-rounded of flint and concrete Frequent rootlets and rare sub-angular to support and the sub-angular to support to the sub-	b-				0.09 (D)			
-	rounded flint and concrete cobbles. MADE GROUND. Light greyish brown slight sandy cobbly fine to coarse sub-angular to s rounded GRAVEL of flint, brick and concrete Cobbles comprise sub-angular to sub-round flint, brick and concrete.	sub-	(0.42)			(B)			
-	Dark grey mottled dark brown slightly sandy pseudo-fibrous PEAT. Moderate organic odd (Tidal Flat Deposits)	0.63 (0.57) bur.		allo allo allo allo allo allo allo allo	de he s de he s	0.63			
-			(0.37)	allo alto alto alto alto alto alto alto	Ha is Ha is Ha is Ha is Ha is	(D)			
	End of Trial Pit at 1.000m								
marl	Base of concrete bridge deck measured at 0.40mbgl. cs: beside narrow gauge railway. The track is bedded into macadam.					Pit Stability: S	table		
hnic	al Notes (where applicable):	Chalk descriptions in accordance			(eepage from wes	stern face of trial	pit. Slow flow

VACS

Borough of Poole

Poole Park Miniature Railway

1.21

Client:

Contract:

Ground Level (mAOD):

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Co-ords:

DNS

BOREHOLE LOG

WINDOWLESS SAMPLING

Borehole No. WS03

Sheet 1 of 1

Hole Type

WLS+DP

Scale 1:25

Drilling Equipment:

Dando Terrier Mk1 Tracked Dynamic

Percussion Rig

Lab. Ref:

Location: Whitecliff Road, Poole, BH15 2SF

18-96795

All	1		ss										
units =	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Backfil	Samp II (Type Dept	e)		Situ Testing		Drill Run	
(m)	Refer to TP02 Log.		Ę				-	in Dep	oth Type		Results		
	·		(1.00)									TP02	
1 -	Dark brown mottled dark grey slightly sandy pseudo-fibrous PEAT. Moderate organic odour. (Tidal Flat Deposits)	1.00 (0.21)		e alte al alte alte e alte al alte alte				1.0	00 SPT(C)	N=0	(0,0/0,0,0,0)		
3	Light grey fine to coarse SAND. (Poole Formation)	1.29 (-0.08)						2.0	in SPT/C	N=8	(4 2/3 2 2 4)	(87mm dia) Rec=44%	
2		3.00 (-1.79)	(1.71)					2.0	0 SPT(C)	N=8	(1,2/3,2,2,1)	(87mm dia) Rec=10%	
3 -	End of Borehole at 3.000m	3.00 (-1.79)		3.00	m	0							
_				3.10		2							
				3.20		3							
				3.40		3							
_				3.50		5							
				3.60	m	5							
			(H-B)	3.70		5							
			(DPS	3.80		6							
4 —			Probe	4.00		5							
			Dynamic Probe (DPSH-B)	4.10	m	5							
			Ď	4.20		6							
]				4.40		7							
=				4.50		7							
				4.60	m	9							
				4.70		5							
_				4.80		25							
5 —				4.90		50							
	General Remarks:			Depth		Blows	r Observ	vations:	E	lows/100mm			
1. Cor	Consistency of fine grained soil assessed by hand worked tests in accordance with BS5930. Data Strike Casing Time Flansed Standing Remarks												
Chalk of	es of granular material, if identified, based on N-Values derived fro descriptions, if identified, are in accordance with CIRIA C574 upling terminated at 3.00mbgl due to running sands. Dynamic prob ogl.			١٠	2-10-20 ⁻		.03m	3.00m	20mins	1.00m			
									•	loo	ue1/11/10/18		

ACS Testing Ltd Tel: 01202 622858 Fax: 01202 625045 Email: testing@acstesting.co.uk www.acstesting.co.uk Trial Pit No. TRIAL PIT LOG **TP03** Sheet 1 of 1 Hole Type Client Borough of Poole Depth (m): Dimensions (m): Lab Ref. 18-96795 TP 0.60 Plant Used: Site Poole Park Miniature Railway Scale رئ [1.00 2t Tracked Mini Excavator

ocati	on Whitecliff Road, I	Poole, BH15	2SF	1.00	0.45			2t Tracke	d Mini Excav	ator		1:10
rour	nd Level (mAOD):	1.19	Co-ords:	DN	S			Date(s)	01/10/20	018	I	ged By DW
All nits = n)	Stratu	m Description		D (L	epth evel)	Thickness	Legeno	Water Strikes	Sample (Type) Depth	Depth	Testing	Results
- - - -	BOUND MACADAM.			0.16	(1.03)	F			0.16	Берш	Туре	Results
-	MADE GROUND. Lig to coarse grained SA coarse angular to sul rootlets and rare sub flint brick and concre	ND. Gravel is o-rounded of -angular to su	fine to flint. Frequent						(D)			
	BOUND MACADAM. MADE GROUND. Gr gravelly silty fine to c Gravel is fine to med of flint. Occasional ce	eyish brown oarse grained ium sub-angu	d SAND. Ilar to rounded	0.42	(0.79) (0.77)		8-18-8-1	***	0.40			
						(0.45)		_	(D)			
-	Dark grey mottled da pseudo-fibrous PEAT	rk brown slig . (Tidal Flat [htly sandy Deposits)	0.87	(0.32)		alta alta alta a alta alta alta alta alt	de No 21 de	0.87 0.87			
nark	s: Trial pit was excavated b	eside narrow gau	ige railway. The tra	ack is bed	ded into n	nacada	m.	F	rit Stability: S	table		
nnica	Il Notes (where applicable):								Groundwater: S		stern face of trial	oit. Slow flow

Trial Pit No. ACS Testing Ltd Tel: 01202 622858 Fax: 01202 625045 TRIAL PIT LOG **TP04** Email: testing@acstesting.co.uk www.acstesting.co.uk Sheet 1 of 1 **Hole Type** Client Borough of Poole Dimensions (m): Lab Ref. 18-96795 Depth ΤP (m): 0.65 Plant Used: Site Poole Park Miniature Railway Scale 1.00 2t Tracked Mini Excavator 1:10 Location Whitecliff Road, Poole, BH15 2SF Logged By Date(s) Ground Level (mAOD): 1.21 01/10/2018 Co-ords: DNS DW

	1.21				(0)	0 17 1072			DVV
All units	Stratum Description	Depth	Thickness	Legend	Water	Sample (Type) Depth		Testing	
= (m)	Stratum Description	(Level)	Thick	Legend	Strikes	Depth	Depth	Туре	Results
- - - - - -	MADE GROUND. Dark brown gravelly silty fine to coarse SAND. Gravel is fine to coarse angular to sub-rounded of flint.		. (0.57)			0.09 (B)			
- - - - - 1 —	Dark brown slightly sandy pseudo-fibrous PEAT. Moderate organic odour. (Tidal Flat Deposits)	0.57 (0.64) 1.00 (0.21)	(0.43)	ante alte ste alte alte alte alte alte alte ste alte alte alte alte alte alte alte al		(D)			
	End of Trial Pit at 1.000m	1.00 (0.21)							
Remar	Trial pit was excavated beside narrow gauge railway. Bound ma 0.00-0.09mbgl on northern face of trial pit. The track is bedded	acadam was red into granular m	corded bade gro	oetween und.	Р	it Stability: Si	table		

Technical Notes (where applicable):

Consistency of fine grained soil assessed by hand worked tests in accordance with BS5930. Chalk descriptions in accordance with CIRIA C574.

Issue1/11/10/18

Groundwater: Not encountered.

Contract:

Ground Level (mAOD):

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BOREHOLE LOG

WINDOWLESS SAMPLING

WS04

Borehole No.

Sheet 1 of 1

Client: Lab. Ref: 18-96795 Borough of Poole **Drilling Equipment:**

Co-ords:

DNS

Hole Type WLS+DP

Scale 1:25

Location: Whitecliff Road, Poole, BH15 2SF

Poole Park Miniature Railway

1.21

Dando Terrier Mk1 Tracked Dynamic Percussion Rig

Date(s): 01/10/2018

Logged By DW

All units **Phickness** In Situ Testing Sample Depth Water Drill **Stratum Description** (Type) Depth Leaend Backfill (Level) Strikes Results Depth (m) Type Refer to TP04 Log. (1.00) TP04 1.00 (0.21) 1.00 SPT(C) N=9 (2,1/0,1,4,4) Dark brown slightly sandy pseudo-fibrous PEAT. Moderate organic odour. (Tidal Flat Deposits)

Loose becoming medium dense light grey fine to coarse 1.06 (0.15) SAND. (Poole Formation) (0.94)(87mm dia) 2.00 (-0.79) End of Borehole at 2.000m 2.00m 2 2.10m 2.20m 2.30m 3 2.40m 4 2.50m 4 2.60m 3 2.70m 4 (DPSH 2.80m 3 2.90m 3.00m 3.10m Dynar 3.20m 6 3.30m 8 10 3.40m 3.50m 3.60m 20 3.70m 3.80m 17 3.90m 27 5 Depth (m) Blows Blows/100mm General Remarks: **Groundwater Observations:** Consistency of fine grained soil assessed by hand worked tests in accordance with BS5930.
 Densities of granular material, if identified, based on N-Values derived from in situ SPT testing.
 Chalk descriptions, if identified, are in accordance with CIRIA C574
 Sampling terminated at 2.00mbgl due to running sands. Dynamic probe testing undertaken from Strike Casing Time Elapsed Standing Remarks 01-10-2018 1.08m 2.00m 20mins 2.00mbgl

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Locat	tion Whitecliff Road, Poole, BH15	2SF	1.00 3.6			2t Tracke	ed Mini Excav	ator		1:10
Grou	ind Level (mAOD): 1.18	Co-ords:	DNS			Date(s)	01/10/20	018		ged By DW
All units =	Stratum Description	1	Depth (Level)	Thickness	Legend	Water Strikes	Sample (Type) Depth		Testing	Γ
(m)	MADE GROUND. Dark brown slig silty fine SAND. Gravel is fine to c angular to sub-rounded of flint and roots and rootlets noted.	oarse sub-		(0.66) Thi			0.00 (D)	Depth	Туре	Results
- - - -	Light grey mottled light orange cla SAND. (Poole Formation)	yey fine	0.66 (0.52)	(0.34)			0.66 (D)			
1	End of Trial Pit at 1.000r	n	1.00 (0.18)				1.00			
	ks: Trial pit was excavated beside narrow gat	uge railway. The tra	ack is bedded into	o granula	r made grou	nd. F	Pit Stability: S	table		
	al Notes (where applicable): cy of fine grained soil assessed by hand worked tests in accordant	nce with BS5930. Chalk d	lescriptions in accordan	ce with CIRIA	A C574.	(Groundwater: N	ot encountered		

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Poole Park Miniature Railway

BOREHOLE LOG

WINDOWLESS SAMPLING

Borehole No. **WS05**

Sheet 1 of 1

Client: Borough of Poole Lab. Ref: 18-96795 **Drilling Equipment:**

Hole Type WLS

Location: Whitecliff Road, Poole, BH15 2SF

Contract:

Dando Terrier Mk1 Tracked Dynamic Percussion Rig

Scale 1:25

Logged By Co-ords: Date(s): 01/10/2018 Ground Level (mAOD): 1.18 Not Surveyed DW All units Sample (Type) Depth In Situ Testing Depth (Level) Water Drill **Stratum Description** Backfill Run (m) Depth Type Results Refer to TP05 Log. (1.00) TP05 1.00 SPT(C) N=0 (0,0/0,0,0,0) 1.00 (0.18) Loose brownish grey slightly gravelly silty fine to coarse SAND. Gravel is fine to coarse sub-angular to sub-rounded of flint. (Tidal Flat Deposits) (0.37)1.37 (-0.19) Brownish grey slightly sandy clayey pseudo-fibrous PEAT. Weak organic odour. (Tidal Flat Deposits) Sliz × Sliz (87mm dia) (0.57)Sile Light grey slightly gravelly fine to coarse SAND. Gravel is fine to coarse sub-angular to sub-rounded of flint. (Poole 1.94 (-0.76) 2.00 SPT(C) N=9 (0.2/2.2.3.2) 2.09 (-0.91) Formation) Soft light grey very sandy SILT. Frequent rootlets. (Poole Formation) (0.34)2.43 (-1.25) Medium dense light grey fine to coarse SAND. (Poole (87mm dia) Rec=62% (0.81)3.00 SPT(C) N=12 (1,0/0,3,4,5) 3 3.24 (-2.06) Soft to firm very sandy SILT. (Poole Formation) (0.37)(87mm dia) 3.61 (-2.43) Light grey silty fine to coarse SAND. (Poole Formation) (0.39)SPT(C) 4.00 N=19 (2,2/3,6,6,4) 4.00 (-2.82) End of Borehole at 4.000m Remarks: **Groundwater Observations:**

Strike

0.62m

01-10-2018

Technical Notes (where applicable):
Consistency of fine grained soil assessed by hand worked tests in accordance with BS5930. Densities of granular material based on in situ SPT N-values. Chall describtions in accordance with CRIAL CST4'

Casing

0.00m

Time Elapsed

20mins

Standing

0.61m

Remarks

ACS Testing Ltd Tel: 01202 622858 Fax: 01202 625045 Email: testing@acstesting.co.uk www.acstesting.co.uk Trial Pit No. TRIAL PIT LOG **TP06** Sheet 1 of 1 Hole Type Client Borough of Poole Dimensions (m): Lab Ref. 18-96795 Depth TP (m): 0.60 Plant Used: Site Poole Park Miniature Railway Scale 1.00 2t Tracked Mini Excavator 1:10 Location Whitecliff Road, Poole, BH15 2SF

Groui	und Level (mAOD): 1.20 Co-ords:			DNS			Date(s)	02/10/2	018		ged By DW
All units	Stratum	Description		Depth	Thickness	Legeno	Wate	Sample (Type)		Testing	
_ (m)	MADE GROUND. Grey coarse SAND. Gravel i to sub-rounded of flint a	vish brown	gravelly fine to	(Level)	oiff		Strike	0.00 (D)	Depth	Туре	Results
- - - - - -	gravelly silty fine to coa	eyish brown mottled dark grey sandy pseudo- rous PEAT. Weak organic odour. (Tidal Flat						0.28 (D)			
-	Greyish brown mottled fibrous PEAT. Weak ord Deposits)	EAT. Weak organic odour. (Tidal Flat		0.73 (0.47)		allo allo allo allo allo allo allo allo	ste so ste so ste so ste so ste so	0.73 (D)			
1	End of Tria	l Pit at 1.000r	n	1.00 (0.20)				1.00			
2	s: Trial pit was excavated besi	ide narrow gau	ige railway. The trac	k is bedded into	granulai	made grou	nd.	Pit Stability: S	table		
	al Notes (where applicable): y of fine grained soil assessed by hand work	ed tests in accordar	ice with BS5930. Chalk des	criptions in accordance	e with CIRIA	C574.		Groundwater: N	ot encountered		

Contract:

Ground Level (mAOD):

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Co-ords:

BOREHOLE LOG

WINDOWLESS SAMPLING

Borehole No. **WS06**

Sheet 1 of 1

Client: Lab. Ref: 18-96795 Borough of Poole **Drilling Equipment:**

DNS

Hole Type WLS+DP

Poole Park Miniature Railway Whitecliff Road, Poole, BH15 2SF

1.20

Dando Terrier Mk1 Tracked Dynamic

Date(s): 03/10/2018

Scale 1:25

Location:

Percussion Rig

Logged By DW

All												
All units	Stratum Description	Depth (Level)	Thickness	Legen	Wate Strike	er Backfi	Samp ill (Type Dept	e)		In Situ Tes	sting	Drill Run
(m)		(Level)	Ĕ		Julk		Dept	h De _l	oth Typ	ре	Results	Kuli
	Refer to TP06 Log.		(1.00)			7						TP06
1	Dark greyish brown sandy pseudo-fibrous PEAT. Moderate organic odour. (Tidal Flat Deposits) Medium dense light grey fine to coarse SAND. (Poole Formation)	1.00 (0.20)	(0.62)	e alte. alte alte e alte. alte alte alte alte alte alte alte alte alte				1.0			N=1 (0,0/0,0,0,1) N=18 (2,2/3,4,5,6)	(87mm dia) Rec=81%
3		3.00 (-1.80)	(1.38)						, SF1		N-10 (2,2/3,4/3,0)	(87mm dia) Rec=51%
	End of Borehole at 3.000m	3.00 (-1.80)	SH-B)	3.0	00m	1						
=			e (DP	3.1	0m 20m	4						
_			c Prob	3.3	80m	9						
			Dynamic Probe (DPSH-B)	3.4	l0m	13						
_				3.5	50m	20						
=					0m '0m	21 26						
-				3.8	80m	28						
4 —				3.9	90m	36						
5 —			-	Dept	h (m)	Blows				Blows/100	mm	
	General Remarks:	1					er Observ	vations:	ľ			
Densit Chalk	nsistency of fine grained soil assessed by hand worked tests in accies of granular material, if identified, based on N-Values derived fro descriptions, if identified, are in accordance with CIRIA C574 pling terminated at 3.00mbgl due to running sands. Dynamic probbgl.	om in situ SPT	testin	ıg.	Date 03-10-2	I	Strike .00m	Casing 0.00m	Time Elaps 20mins	ed Standi 0.98r		marks

ACS Testing Ltd Tel: 01202 622858 Fax: 01202 625045 Email: testing@acstesting.co.uk www.acstesting.co.uk Trial Pit No. TRIAL PIT LOG **TP07** Sheet 1 of 1 Hole Type Client Borough of Poole Dimensions (m): Lab Ref. 18-96795 Depth TP (m): 0.70 Plant Used: Site Poole Park Miniature Railway Scale 0.45 1.00 2t Tracked Mini Excavator Whitecliff Road Poole BH15 2SF 1:10

ation Whitecliff Road, Poole, BH15 2SF	1:00 4.0							1:10 ged By
ound Level (mAOD): 1.21 Co-ords:	DNS		I	Date(s)	01/10/20)18		DW
Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Sample (Type) Depth	Depth	Testing	Results
BOUND MACADAM.		F				Бериі	туре	Results
MADE GROUND. Dark brown slightly gravelly silty fine to coarse SAND. Gravel is fine to coarse angular to sub-rounded of flint and brice			erer	**	0.08 (D)			
Light brown fine to coarse SAND. (Tidal Flat Deposits)	0.32 (0.89)				0.32 (D)			
Dark brown mottled dark grey sandy pseudo- fibrous PEAT. Moderate organic odour. (Tidal Flat Deposits)	0.47 (0.74)		e alle alle e alle alle e alle alle alle alle	ie is ie is	0.47 (D)			
Light grey mottled dark grey clayey fine to coarse SAND. (Tidal Flat Deposits)	0.74 (0.47)		atto atto atto e atto atto a atto atto atto e atto atto a	4	0.74 0.74			
-	0.89 (0.32)		SPIZ SPIZ SPIZ	<u> </u>	0.89			
Dark brown mottled dark grey sandy pseudo- fibrous PEAT. Moderate organic odour. (Tidal Flat Deposits)	0.00 (0.02)		e alto alto a alto alto alto e alto alto a alto alto alto	12	(D)			
Trial pit was excavated beside narrow gauge railway. The	track is hadded into	arapula	r made groups	d and				
partially covered with macadam.	uack is bedued illio	granuid	i maue ground	r and F	Pit Stability: St	able		
nical Notes (where applicable):								

Client:

Ground Level (mAOD):

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BOREHOLE LOG

WINDOWLESS SAMPLING

18-96795

Borehole No. **WS07**

Sheet 1 of 1

Hole Type

WLS+DP

Scale 1:25

Drilling Equipment: Poole Park Miniature Railway

Contract: Location:

Borough of Poole

Whitecliff Road, Poole, BH15 2SF

1.21

Co-ords: DNS **Date(s):** 03/10/2018

Dando Terrier Mk1 Tracked Dynamic

Lab. Ref:

Percussion Rig

Logged By DW

All			ss				Sample		le f	Situ Tootine		
units =	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Backfill	Sample (Type) Depth	Depth		Situ Testing	esults	Drill Run
(m) -	Refer to TP07 Log.		È				.,.	Depth	Type	R	esuits	
			(1.00)									TP07
1	Dark brown mottled dark grey sandy pseudo-fibrous PEAT. Moderate organic odour. (Tidal Flat Deposits) Light greyish brown peaty fine to coarse SAND. (Tidal Flat	1.00 (0.21)	(0.32)	e alte a alte alte e alte a alte alte e alte a				1.00	SPT(C)	N=1 (C	0,0/0,0,0,1)	
	Deposits) Medium dense light grey fine to coarse SAND. (Poole Formation)	- 1.47 (-0.26)		.alk								(87mm dia) Rec=81%
2 —								2.00	SPT(C)	N=21 (4,6/4,5,5,7)	
			(1.53)									(87mm dia) Rec=53%
3		- 3.00 (-1.79)										
, -	End of Borehole at 3.000m	3.00 (-1.75)	Dynamic Probe (DPSH-B)	3.00		1						
=			e (DP	3.10		10						
3			Prob	3.30		12						
-			namic	3.40		12						
=			ſδ	3.50)m	17						
-				3.60		25						
3				3.70		36			7			
=				3.90		35						
4 —												
3												
3												
-												
]												
_												
5 —												
	General Remarks:		1	Depth		lows Idwater	Observati	ons:	ВІ	ows/100mm		
1. Con	sistency of fine grained soil assessed by hand worked tests in ac	cordance with E	3S59	30.	Date				e Elapsed	Standing	Rema	arks
Densiti Chalk of	es of granular material, if identified, based on N-Values derived fr descriptions, if identified, are in accordance with CIRIA C574	om in situ SPT	testin	ıg. (3-10-20			-	20mins	1.57m		
2. Sam 3.00mb	pling terminated at 3.00mbgl due to running sands. Dynamic prol	be testing under	takeı	n from								
-	-			L								

Trial Pit No. ACS Testing Ltd Tel: 01202 622858 Fax: 01202 625045 TRIAL PIT LOG **TP08** Email: testing@acstesting.co.uk www.acstesting.co.uk Sheet 1 of 1 Hole Type Client Borough of Poole Dimensions (m): Lab Ref. 18-96795 Depth ΤP (m): 0.65 Plant Used: Poole Park Miniature Railway Site Scale 1.00 2t Tracked Mini Excavator 1:10 Location Whitecliff Road, Poole, BH15 2SF Logged By

1				SS						
s	Stratum Description		Depth (Level)	Thickness	Legend	Water Strikes	Sample (Type) Depth	Depth	Testing	Result
	MADE GROUND. Dark greyish bro gravelly silty fine to coarse SAND. to coarse angular to sub-rounded o concrete.	Gravel is fine		T (0.58)			0.29	Sepan	Туре	Result
-	Brownish grey clayey organic fine t	o coarse	- 0.58 (0.59)		West West		(D)			
-	SAND. (Tidal Flat Déposits)			(0.36)	colles alle colles alle colles alle colles alle colles alle		(D)			
-	Soft light grey mottled dark grey slig CLAY. (Poole Formation) End of Trial Pit at 1.000m	ghtly sandy	0.94 (0.23)		college sollege		0.94 (D) 0.94 (D) 1.00			
-										
-										
ark	s: Trial pit was excavated beside narrow gaug between 0.05-0.29mbgl. The track is bedde	e railway. Kerbston	e recorded on s	outhern	face of trial p	oit Die	Stability: S	table		

Consistency of fine grained soil assessed by hand worked tests in accordance with BS5930. Chalk descriptions in accordance with CIRIA C574.

ACS Testing Ltd Tel: 01202 622858 Fax: 01202 625045 Email: testing@acstesting.co.uk www.acstesting.co.uk

BOREHOLE LOG

WINDOWLESS SAMPLING

Borehole No. **WS08**

Sheet 1 of 1

Client: Lab. Ref: 18-96795 Borough of Poole

Hole Type WLS+DP Scale

Contract: Poole Park Miniature Railway **Drilling Equipment:** Dando Terrier Mk1 Tracked Dynamic

Location: Whitecliff Road, Poole, BH15 2SF Percussion Rig Date(s): 03/10/2018

1:25 Logged By

Gro	und Level (mAOD): 1.17	Co-ords:	DNS				Date(s):	03/1	0/2018			gea By DW
All units	Stratum Description	Depth	Thickness	Legend	Water	Backfill	Sample		In	Situ Testing	l	Drill
= (m)	Stratum Description	(Level)	Pick	Legena	Strikes	Баскііі	(Type) Depth	Depth	туре		Results	Run
	Refer to TP08 Log.		(1.00)		Y							TP08
1 -	Soft dark grey slightly gravelly sandy organic CLAY. is fine to medium sub-angular to sub-rounded of flint Occasional roots and rootlets, (Tidal Flat Deposits) Dark brown sandy pseudo-fibrous PEAT.	Gravel 1.00 (0.17)		11¢				1.00	SPT(C)	N=12	2 (0,0/2,3,3,4)	
11111111	Soft grey very sandy SILT. (Tidal Flat Deposits) Medium dense grey fine to coarse SAND. (Tidal Flat	1.69 (-0.52)	(0.48)	× × × × × × × × × × × × × × ×								(87mm dia) Rec=81%
2 —	Deposits)		(0.37)					2.00	SPT(C)	N=14	1 (0,0/2,4,4,4)	
-	Dark brown sandy pseudo-fibrous PEAT. Weak orga odour. (Tidal Flat Deposits)		(98.0)	e alte a alte alte e alte alte alte alte e alte al								
111111111	Light grey mottled dark grey fine to coarse SAND. (F Formation)		(0.58)									(87mm dia) Rec=75%
3 —	End of Borehole at 3.000m	3.00 (-1.83)		3.00r	n	2		3.00	SPT(C)	N=18	3 (1,1/2,5,5,6)	
_				3.10r	_	4	_					
=				3.20r 3.30r		7						
3				3.40r		3						
_				3.50r	_	2						
=				3.60r	n	3						
3			1 <u>6</u> +	3.70r	n	3	L					
-			(DPSI	3.80r		6						
4 —			Dynamic Probe (DPSH-B)	3.90r 4.00r		12						
=			amic	4.10r		21						
3			Dyn	4.20r	n	24						
=				4.30r	_	23						
				4.40r 4.50r		19 15						
‡				4.60r		13						
‡				4.70r	_	12						
3				4.80r	n	9						
5 —				4.90r	n	8						
-				Depth		lows			В	lows/100mm		
1 0	General Remarks:		BGEOG			1	Observation		F. J	01- "	_	
Densition Chalk of	sistency of fine grained soil assessed by hand worked es of granular material, if identified, based on N-Values descriptions, if identified, are in accordance with CIRIA ipling terminated at 3.00mbgl due to running sands. Dy and.	s derived from in situ SPT C574	testing	g. <u>03</u>	Date 3-10-201		trike Cas 00m 2.0	-	me Elapsed 20mins	Standing 0.87m	Rer	narks
	-										<u> </u>	

ACS Testing Ltd Tel: 01202 622858 Fax: 01202 625045 Email: testing@acstesting.co.uk www.acstesting.co.uk Trial Pit No. TRIAL PIT LOG **TP09** Sheet 1 of 1 Hole Type Depth (m): Client Borough of Poole Dimensions (m): Lab Ref. 18-96795 TP 0.65 Plant Used: Site Poole Park Miniature Railway Scale .45 1.00 2t Tracked Mini Excavator

Locat	ion Whitecliff Road, Poole, BH15 2SF	1.00			2t Track	ed Mini Excav	/ator		1:10
	nd Level (mAOD): 1.43 Co-ords:	DNS			Date(s)	02/10/2	018		ged By DW
All units =	Stratum Description	Depth (Level)	Thickness	Legend	Water Strike	r Sample s (Type) Depth		Testing	
(m) - - - -	TOPSOIL. Dark brown slightly gravelly silty organic fine SAND. Gravel is fine to coarse angular to sub-rounded of flint. Frequent rootlets.		(0.39) Thi			0.00 (D)	Depth	Туре	Results
- - - - -	Multicoloured greyish brown, orange and dark grey silty fine SAND. (Tidal Flat Deposits)	0.39 (1.04)	(0.34)			0.39 (D)			
-	Light brownish grey very sandy pseudo-fibrous PEAT. Weak organic odour. (Tidal Flat Deposits)			allo	de d	0.73 (B)			
	End of Trial Pit at 1.000m								
	ss: Trial pit was excavated beside narrow gauge railway. The tra	ack is bedded into	granulaı	r topsoil.			Stable		
	al Notes (where applicable): y of fine grained soil assessed by hand worked tests in accordance with BS5930. Chalk d	lescriptions in accordance	with CIRIA	A C574.			Seepage from sou ate	thern face of trial	pit. Slow flow

Contract:

3.00mbgl

Ground Level (mAOD):

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BOREHOLE LOG

WINDOWLESS SAMPLING

18-96795

Borehole No. **WS09**

Sheet 1 of 1

Client: Lab. Ref: Borough of Poole **Drilling Equipment:** **Hole Type** WLS+DP

Location: Whitecliff Road, Poole, BH15 2SF

Poole Park Miniature Railway

1.43

Dando Terrier Mk1 Tracked Dynamic

Scale 1:25

Co-ords: DNS Percussion Rig

Logged By Date(s): 04/10/2018 DW

All units **Phicknes** In Situ Testing Sample Depth Water Drill **Stratum Description** (Type) Depth Leaend Backfill (Level) Strikes Run Depth Results (m) Type Refer to TP09 Log. 1.00) TP09 1.00 (0.43) 1.00 SPT(C) N=29 (4,5/6,7,9,7) Greyish brown very sandy pseudo-fibrous PEAT. Weak organic odour. (Tidal Flat Deposits) s alta alta x (0.34) Silve Sle sile 1.34 (0.09) Medium dense brownish grey slightly sandy silty fine to coarse sub-angular to sub-rounded GRAVEL of flint. (Tidal 1.46 (-0.03) Flat Deposits) (87mm dia) Dense light grey fine to coarse SAND. (Poole Formation) 2.00 SPT(C) N=31 (5.6/7.7.8.9) (1.54) (87mm dia) Rec=51% 3.00 (-1.57) End of Borehole at 3.000m 3.00m 3.10m 2 3.20m 3 3.30m 4 3.40m 3.50m 3.60m 3.70m (DPSH 3.80m 3 3.90m 4.00m 4.10m 5 4.20m 5 4.30m 4.40m 18 4.50m 11 4.60m 6 4.70m 9 4.80m 4.90m 5 Blows Depth (m) Blows/100mm General Remarks: **Groundwater Observations:** Consistency of fine grained soil assessed by hand worked tests in accordance with BS5930.
 Densities of granular material, if identified, based on N-Values derived from in situ SPT testing.
 Chalk descriptions, if identified, are in accordance with CIRIA C574 Strike Time Elapsed Remarks Casing Standing 04-10-2018 0.60m 0.00m 0.54m 20mins 2. Sampling terminated at 3.00mbgl due to running sands. Dynamic probe testing undertaken from

ACS Testing Ltd Tel: 01202 622858 Fax: 01202 625045 Email: testing@acstesting.co.uk www.acstesting.co.uk Trial Pit No. TRIAL PIT LOG **TP10** Sheet 1 of 1 Hole Type Client Borough of Poole Dimensions (m): Lab Ref. 18-96795 Depth TP (m): 0.65 Plant Used: Site Poole Park Miniature Railway Scale 0.45 1.00 2t Tracked Mini Excavator Whitecliff Road Poole BH15 2SF 1:10

Location Whitecliff Road, Poole, BH15 2SF Ground Level (mAOD): 1.54 Co-ords: DNS Date(s) 02/10/2			ca wiii ii Excavi	ator		1:10				
Grou	nd Level (mAOD): 1.54	Co-ords:	DNS			Date(s)	02/10/20)18		ged By DW
All inits	Stratum Description		Depth (Level)	Thickness	Legend	Water Strike	Sample (Type) Depth		Testing	I
(m)	BOUND MACADAM.			<u> </u>			Depair	Depth	Туре	Results
-	MADE GROUND. Dark greyish brought sandy fine to medium sub-angular rounded GRAVEL of flint and limes	to sub-	0.07 (1.47)		SAS		0.07 (D)			
-	Multicoloured greyish brown, oran grey silty fine SAND. Occasional p greyish brown very sandy silt. (Tid Deposits)	ockets of firm	0.21 (1.33)		X X X X X X X X X X X X X X X X X X X		0.21 0.21			
-			0.38 (1.16)		× · · × · ×	(X)	0.38			
	Dark grey silty fine to coarse SAN Deposits)	D. (Tidal Flat	0.38 (1.10)	(0.43)			0.38 (B)			
-			0.81 (0.73)		x × ×	X	0.81			
-	Firm light grey mottled orange slig sandy SILT. Gravel is fine to coars to sub-rounded of flint. (Poole For	e sub-angular			* * * * * * * * * * * * * * * * * * *	*X	(D)			
1 —	End of Trial Pit at 1.000n	1	1.00 (0.54)		* * X * X * X * X * X * X * X * X * X *	××	1.00			
2 —										
mar	Trial pit was excavated beside narrow gau partially covered with macadam.	ge railway. The tra	ack is bedded into	granula	r made grour	nd and	Pit Stability: St	able		
	al Notes (where applicable): by of fine grained soil assessed by hand worked tests in accordan	ce with BS5930. Chalk d	escriptions in accordance	e with CIRI	A C574.	(Groundwater: No	ot encountered		
	, , , , , , , , , , , , , , , , , , , ,	Grant u	,	5	*					

ACS Testing Ltd Tel: 01202 622858 Fax: 01202 625045 Email: testing@acstesting.co.uk www.acstesting.co.uk Trial Pit No. TRIAL PIT LOG **TP11** Sheet 1 of 1 Hole Type Depth (m): Client Borough of Poole Dimensions (m): Lab Ref. 18-96795 TP 0.65 Plant Used: Site Poole Park Miniature Railway Scale 1.00 15 2t Tracked Mini Excavator

Co-ords All				1.00 6.45				d Mini Excav		1:10 Logged By DW	
	na Level (mAOD):	Co-oras:	DNS	φ.		Date(s)	02/10/20	J18		DW	
nits = m)	Stratu	ım Descriptio	n	Depth (Level)	Thickness	Legend	Water Strikes	Sample (Type) Depth	Depth	Testing Type	Results
- - - -	TOPSOIL. Soft dark slightly gravelly sand coarse sub-angular Frequent rootlets.	dy SILT. Grav	el is fine to		F			0.00 (D)	Бериі	Туре	Results
-	Dark grey slightly gr SAND. Gravel is fine sub-rounded of flint.	to coarse su	ıb-angular to	0.21 (1.29)				0.21 (D)			
-	Greyish brown grave Gravel is fine to coa rounded of flint. (Tid	rse sub-angu	lar to sub-	0.47 (1.03)				0.47			
-					(0.53)		\mathbf{r}	(B)			
1 +	End of T	rial Pit at 1.000	m	1.00 (0.50)				1.00			
-											
-											
-											
-											
-											
2											
nark	s: Trial pit was excavated l	oeside narrow ga	uge railway. The tr	ack is bedded into	topsoil.		Р	it Stability: S	table		
	al Notes (where applicable):	worked tests in accords	ance with BS5930 Challe	descriptions in accordance	with CIRIA	A C574	G	roundwater: Si	eepage from sou	th-eastern face o	f trial pit. Fas

ACS Testing Ltd Tel: 01202 622858 Fax: 01202 625045 Email: testing@acstesting.co.uk www.acstesting.co.uk Trial Pit No. TRIAL PIT LOG **TP12** Sheet 1 of 1 Hole Type Client Borough of Poole Depth (m): Dimensions (m): Lab Ref. 18-96795 TP 0.65 Plant Used: Site Poole Park Miniature Railway Scale

Location Whitecliff Road, Poole, BH15 2SF	1.00	0.45	- 0.00		2t Tracke	ed Mini Excav	ator	II	Scale 1:10
Ground Level (mAOD): 2.15 Co-ords:	DNS				Date(s)	02/10/20	018	Log	ged By DW
All			SS						אאס
units Stratum Description	De _l	pth vel)	Thickness	Legend	Water Strikes	Sample (Type) Depth	Depth	Testing Type	Results
TOPSOIL. Dark brown slightly gravelly silty fine SAND. Gravel is fine to coarse sub-angular to sub-rounded of flint. Frequent roots and rootlets	S.		(0.43)			0.00 (D)		, yes	
Light grey mottled greyish brown slightly gravelly fine to coarse SAND. Gravel is fine to coarse sub-angular to sub-rounded of flint. (Tidal Flat Deposits)	0.43 ((1.72)	(0.57)			0.43 0.43			
End of Trial Pit at 1.000m	1.00 ((1.15)				1.00			
2	rack is bedde	led into g	ranular	topsoil.		Pit Stability: Stable			
Technical Notes (where applicable): Consistency of fine grained soil assessed by hand worked tests in accordance with RS5030. Chalk	descriptions in -	accordance	ith CIPIA	C574		Groundwater: N	ot encountered		
Consistency of fine grained soil assessed by hand worked tests in accordance with BS5930. Chalk	cuescriptions in a	ICCUI DANCE W	nai CIKIA	OJ14.					

Client:

Contract:

Ground Level (mAOD):

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BOREHOLE LOG

WINDOWLESS SAMPLING

18-96795

Borehole No. **WS12**

Sheet 1 of 1

Hole Type WLS+DP

Scale

1:25

Drilling Equipment: Poole Park Miniature Railway Dando Terrier Mk1 Tracked Dynamic

Location: Whitecliff Road, Poole, BH15 2SF

Borough of Poole

1.54

Co-ords:

DNS

Lab. Ref:

Percussion Rig

Date(s): 04/10/2018

Logged By DW

All			ss				_				au = :		
units =	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Backfill	Sam (Typ Dep	pe)			Situ Testin		Drill Run
(m)	Refer to TP12 Log.	, ,	두			X//XX//	Бер	, [Depth	Type		Results	
=	100 to 11 12 20g.												
7													
3													
-													
-			(1.00)										TP12
7)										
3													
=													
3													
1 —	Dense greyish brown mottled dark grey fine to coarse	1.00 (0.54)							1.00	SPT(C)	N=3	31 (5,5/7,8,8,8)	
-	Dense greyish brown mottled dark grey fine to coarse SAND. (Tidal Flat Deposits)		33)										
			(0.33)										
1	Medium dense light grey mottled light brown fine to coarse	1.33 (0.21)											
-	SAND. (Poole Formation)												
-													(87mm dia) Rec=100%
=													10070
-													
1													
=													
2 —									2.00	SPT(C)	N=2	22 (4,3/3,4,6,9)	
1			37)										
-			(1.67)										
=													
=													
_													(87mm dia) Rec=81%
													1100-0170
-													
-													
3 —	End of Borehole at 3.000m	3.00 (-1.46)		3.00	m	2	1				1		
_				3.10		3							
_				3.20	m	3							
=				3.30		4							
-				3.40		8							
_				3.50		8							
_				3.60	m	5							
-			l 🙃	3.70	m	5							
=			J-HSC	3.80		5							
=			e (DF	3.90		5							
4 —			Dynamic Probe (DPSH-B)	4.00		4	T						
=			amic	4.10	m	4							
7			Dyn	4.20	m	6							
7				4.30	m	5	Ī						
=				4.40	m	8							
7				4.50	m	8							
7				4.60	m	8							
=				4.70	m	7							
7				4.80	m	11							
_ =				4.90	m	31							
5 —				Depth	(m) -	lows				D.	ows/100mm		
	General Remarks:	1		Debru			r Obser	rvations	s:	ы	Owar IUUIIIM		
. Con	sistency of fine grained soil assessed by hand worked tests in a	cordance with I	3S593	30.	Date		trike	Casing		e Elapsed	Standing	Rem	arks
Densitie	es of granular material, if identified, based on N-Values derived fi descriptions, if identified, are in accordance with CIRIA C574	om in situ SPT	testin		4-10-201		44m	2.00m		Omins	1.12m	1	
Sami	pling terminated at 3.00mbgl due to running sands. Dynamic Pro	be testing unde	rtakei	from									
.00mb	1,3	3								1			

ACS Testing Ltd Tel: 01202 622858 Fax: 01202 625045 Email: testing@acstesting.co.uk www.acstesting.co.uk Trial Pit No. TRIAL PIT LOG **TP13** Sheet 1 of 1 Hole Type Client Borough of Poole Dimensions (m): Lab Ref. 18-96795 Depth TP (m): 0.65 Plant Used: Site Poole Park Miniature Railway Scale 1.00 2t Tracked Mini Excavator 1:10 Location Whitecliff Road, Poole, BH15 2SF

	nd Level (mAOD):	1.82	Co-ords:	DNS			Date(s)	02/10/2	018	Log	ged By DW
All units	Stratum	Description		Depth	Thickness	Legeno	Wate	Sample (Type)		Testing	
= (m)	MADE GROUND. Multi brown and orange very SAND. Gravel is fine to rounded of flint and bri sub-angular limestone	ticoloured d y gravelly fir o coarse an ock. Occasio	ark grey, dark ne to coarse gular to sub- nal angular to	(Level)	(0.64) Thic		Strike	(Type) Depth 0.00 (D)	Depth	Туре	Results
	Light greyish brown m SAND. (Tidal Flat Dep	ottled dark (osits)	grey silty fine	0.64 (1.18)	(0.36)		××××××××××××××××××××××××××××××××××××××	0.64 0.64			
1	End of Tria	al Pit at 1.000r	n	— 1.00 (0.82)		X X		1.00			
2	s: Trial pit was excavated bes	side narrow gau	ge railway. The trac	k is bedded in	o granula	r made grou	ınd.	Pit Stability: S	table		
	al Notes (where applicable): y of fine grained soil assessed by hand work	ked tests in accordan	ce with BS5930. Chalk des	criptions in accordar	nce with CIRIA	A C574.		Groundwater: N	ot encountered		

Contract:

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BOREHOLE LOG

WINDOWLESS SAMPLING

Borehole No. **WS13**

Sheet 1 of 1

Client: Lab. Ref: 18-96795 Borough of Poole **Drilling Equipment:**

Hole Type WLS+DP

Poole Park Miniature Railway Whitecliff Road, Poole, BH15 2SF

Dando Terrier Mk1 Tracked Dynamic

Scale 1:25

Location: Percussion Rig Logged By Ground Level (mAOD): 2.15 Co-ords: DNS Date(s): 04/10/2018 DW

All units	Stratum Description	Depth	Thickness	Legend	Water	Backt	Sampl	le)	In	Situ Testinç]	Drill
= (m)	·	(Level)	Thick	Legena	Strike	Buck	fill (Type Depth	Dep	th Type		Results	Run
	Refer to TP13 Log.		(1.00)			1						TP13
1	Medium dense greyish brown mottled dark grey slightly gravelly fine to coarse SAND. Gravel is fine to coarse subangular to sub-rounded of flint. (Tidal Flat Deposits) Medium dense light grey fine to coarse SAND. (Poole	1.00 (1.15) 1.78 (0.37)	(0.78)					1.00	SPT(C)	N=2	1 (1,3/4,5,6,6)	(87mm dia) Rec=99%
	Formation)											
3 —	End of Borehole at 2.000m	2.00 (0.15)	Dynamic Probe (DPSH-B)	2.00 2.10 2.20 2.30 2.40 2.56 2.70 2.80 3.10 3.20 3.30 3.40 3.50 3.60 3.70 4.00 4.10 4.20 4.40 4.50 4.60 4.70 4.80 4.90		0 0 1 0 1 2 4 3 4 10 12 10 9 8 9 8 6 9 7 8 8 6 9 7 8 8 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		2.06	- SPT(G)	, N=2:	2 (1,2/4,6,6,6)	
5 —				Depth		Blows			В	lows/100mm		
	General Remarks:		_	Бери			er Observ	ations:				
Densiti Chalk	nsistency of fine grained soil assessed by hand worked tests in accies of granular material, if identified, based on N-Values derived frod descriptions, if identified, are in accordance with CIRIA C574 upling terminated at 2.00mbgl due to running sands. Dynamic probogl.	m in situ SPT t	estin	g. C	Date 04-10-20		Strike 1.00m	Casing 0.00m	Time Elapsed 20mins	Standing 0.99m	Rema	ırks

ACS Testing Ltd Tel: 01202 622858 Fax: 01202 625045 Email: testing@acstesting.co.uk www.acstesting.co.uk Trial Pit No. TRIAL PIT LOG **TP14** Sheet 1 of 1 Hole Type Depth (m): Client Borough of Poole Dimensions (m): Lab Ref. 18-96795 TP 0.65 Plant Used: Site Poole Park Miniature Railway Scale 1.00 15 2t Tracked Mini Excavator

Location Whitecliff Road, Poole, BH15 2SF		1.00 0.45			2t Tracke	ed Mini Excav	1:10							
Grou	Ground Level (mAOD): 1.52 Co-ords:		DNS	DNS Dat			02/10/2	018	Logged By DW					
All units	Stratum Description		Depth (Level)		Legend	Water Strikes		Double	Testing Type Results					
(m)	MADE GROUND. Oracoarse sub-angular to MADE GROUND. Gregravelly silty fine SAN angular to sub-rounded MADE GROUND. Dato medium angular to flint and clinker. Frequand occasional metal	o rounded G eyish brown ID. Gravel is ed of flint. rk grey sligh sub-rounde uent angular	RAVEL of flint. slightly s fine to coarse ttly sandy fine d GRAVEL of	_	F			0.03 (D) 0.15	Depth	Туре	Results			
- - - - - - -	Dark grey mottled da	rk brown sar	ndy pseudo-	0.60 (0.92)	(0.45)	e alle, alle	- 46.	(D) 0.60						
- - - - -	fibrous PEAT. Weak of Deposits)	organic odou	ır. (Tidal Flat		(0.34)	alle alle alle alle alle alle alle alle	tic is ste ste ste ste ste ste ste s	(D)						
1	Light grey mottled dai SAND. (Poole Forma End of Tr	rk grey silty tion) ial Pit at 1.000		0.94 (0.58)			(· · · · ·	0.94 (B) 0.94 (B) 1.00						
-														
2 —														
	ss: Trial pit was excavated be al Notes (where applicable):	eside narrow ga	uge railway. The tra	ack is bedded into	granular	r made grou		Pit Stability: Stable						
Consistenc	y of fine grained soil assessed by hand we	orked tests in accorda	Technical Notes (where applicable): Consistency of fine grained soil assessed by hand worked tests in accordance with BS5930. Chalk descriptions in accordance with CIRIA C574. Groundwater: Not encountered											

Client:

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BOREHOLE LOG

WINDOWLESS SAMPLING

Borehole No. **WS14**

Sheet 1 of 1 Hole Type

WLS

Scale

1:25

Contract: Poole Park Miniature Railway

Borough of Poole Drilling Equipment:

Whitecliff Road, Poole, BH15 2SF Location:

Lab. Ref: 18-96795

Dando Terrier Mk1 Tracked Dynamic Percussion Rig

Logged By Ground Level (mAOD): 1.43 Co-ords: **Date(s):** 04/10/2018 Not Surveyed DW

All								In Situ Testing				
units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Backfill	Sample (Type) Depth	Depth		_	Results	Drill Run
-	Refer to TP14 Log		-					200	.,,,,,		1000110	
			(1.00)									TP14
1 -	Medium dense light greyish brown mottled dark grey silty fine SAND. (Tidal Flat Deposits)	1.00 (0.43)		x × ×				1.00	SPT(C)	N=13	(0,0/0,3,5,5)	
-	Dark grey mottled dark brown sandy pseudo-fibrous PEAT. Moderate organic odour. (Tidal Flat Deposits)	1.14 (0.29)		alte alte								
-	Loose to very loose light grey fine to coarse SAND. (Poole Formation)	- 1.33 (0.10)	(1.04)	6 800. 8								(87mm dia) Rec=97%
2	Very soft to soft light grey mottled brown very sandy organic SILT. Weak organic odour. (Poole Formation)	- 2.37 (-0.94)		× 21% ×				2.00	SPT(C)	N=0	(0,0/0,0,0,0)	
3 —	organic SILI. Weak organic odour. (Poole Formation)		(1.04)	× % × × × × % × % × × × × × × × × × × ×				3.00	SPT(C)	N=10	(2,1/1,2,2,5)	(87mm dia) Rec=69%
	Medium dense light grey silty fine SAND. (Poole Formation)	3.41 (-1.98)	(0.59)	× × × × × × × × × × × × × × × × × × ×								(87mm dia) Rec=91%
4 -	End of Borehole at 4.000m	4.00 (-2.57)			1	×/////X		4.00	SPT(C)	N=30	(2,4/6,7,8,9)	
5												
Rem	arks:	-			Observa		me Elen	Standi	D	arke		
				C	Date 4-10-201	8 1.00		asing Ti	me Elapsed 20mins	Standing 0.98m	Rem	агкѕ
Technic Consistent description	al Notes (where applicable): y of fine grained soil assessed by hand worked tests in accordance with BS5930. Densities of granular males in accordance with CIRIA CS74*	terial based on in situ SP	T N-vali	ues. Chalk								
psss1	descriptions in accordance with CIRIA CS74'											

ACS Testing Ltd Tel: 01202 622858 Fax: 01202 625045 Email: testing@acstesting.co.uk www.acstesting.co.uk Trial Pit No. TRIAL PIT LOG **TP15** Sheet 1 of 1 Hole Type Client Borough of Poole Depth (m): Dimensions (m): Lab Ref. 18-96795 TP 0.65 Plant Used: Site Poole Park Miniature Railway Scale

Location Whitecliff Road, Poole, BH15 2SF				1.00 45 2t Trac					d Miniature E		Scale 1:10		
Ground Level (mAOD): 1.19 Co-ords:				DNS Date				Date(s)	02/10/20)18	Logged By DW		
All nits	tts Stratum Description		Depth (Level)		Thickness	Legend	Water Strikes	Sample (Type) Depth		Testing			
(m) –	MADE GROUND. Brownish orange very sandy fine to coarse sub-angular to sub-rounded GRAVEL of flint. MADE GROUND. Dark grey slightly sandy fine to medium angular to sub-rounded GRAVEL of flint, brick and clinker.				,	ĪĒ			0.03 (D)	Depth	Type	Results	
-				0.17	7 (1.02)				0.17 (D)				
-	MADE GROUND. Ora fine to coarse sub-ano GRAVEL of flint.	angish browi gular to sub-	n very sandy rounded		5 (0.84)				0.35 0.35				
-	Dark grey mottled bro fine SAND. Gravel is sub-rounded of flint. (fine to coars	e angular to		7 (0.72)			× × × × × × × × × × × × × × × × × × ×	0.47 (D)				
-	Light grey mottled dar SAND. (Poole Format	k grey silty f tion)	ine to coarse	0.67	7 (0.52)	(0.33)			0.67 (B)				
1	End of Tri	al Pit at 1.000i	m	1.00	0 (0.19)	0)			1.00				
-													
- - -													
-													
-													
-													
-													
2 —	s: Trial pit was excavated be	eside narrow ga	uge railway. Bound The track is bedd	d macadar	m was re	corded b	petween and.	P	it Stability: St	able			
Remarks: Trial pit was excavated beside narrow gauge railway. Bound macadam was recorded between 0.00-0.03mbgl on western face of trial pit. The track is bedded into granular made ground. Technical Notes (where applicable):													



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BOREHOLE LOG

WINDOWLESS SAMPLING

Borehole No. **WS15**

Sheet 1 of 1

Client: Borough of Poole Lab. Ref: 18-96795

Drilling Equipment:

Hole Type WLS+DP

Contract:

Poole Park Miniature Railway

Dando Terrier Mk1 Tracked Dynamic Percussion Rig

Scale 1:25

Location: Whitecliff Road, Poole, BH15 2SF Ground Level (mAOD): 1.19

Co-ords: DNS

Logged By Date(s): 05/10/2018

DW

All units	units Stratum Description		Thickness	Legend	nd Water	Backfill	Sample (Type)	In Situ Testing				Drill
= (m)		(Level)	Thic		Strikes		Depth	Depth	Туре	ı	Results	Run
	MADE GROUND. Dark brown slightly gravelly silty fine SAND. Gravel is fine to medium sub-angular to sub-rounded of flint. Frequent wood fragments. MADE GROUND. Soft greyish brown slightly gravelly sandy SILT. Gravel is fine to medium sub-angular to sub-rounded of flint. MADE GROUND. Greyish brown slightly sandy silty fine to coarse sub-angular to sub-rounded GRAVEL of flint and brick.	0.12 (1.07)	(0.43)									Hand Dug Pit
1 -	Loose dark grey slightly gravelly silty fine to coarse SAND. Gravel is fine sub-angular to sub-rounded of flint. (Tidal Flat Deposits)	0.77 (0.42)	(0.32)	*, *, * *, *, * *, *, * *, *, *				1.00	SPT(C)	N=6	(0,1/2,2,1,1)	
	Dark grey sandy pseudo-fibrous PEAT. Weak organic odour. (Tidal Flat Deposits)	1.09 (0.10)		alle alle alle alle alle alle alle alle								
1	Loose light grey mottled dark grey fine to coarse SAND. (Poole Formation)	1.36 (-0.17)	(0.36)	2002 2002								(87mm dia) Rec=95%
2 —	Very soft to soft grey very sandy SILT. (Poole Formation)	1.72 (-0.53)		× × × × × × × × ×				2.00	SPT(C)	N=0	(0,0/0,0,0,0)	
		2.57 (-1.38)	(0.85)	X X								(87mm dia) Rec=100%
1 1 1 1 1	Very soft to soft light grey very sandy SILT. (Poole Formation)		(0.43)									
3 -	End of Borehole at 3.000m	3.00 (-1.81)		3.00)m	0	21	3.00	SPT(C)	N=14	1 (0,0/1,4,5,4)	•
				3.10		0						
				3.20		0						
-				3.40		1						
-				3.50)m	0						
				3.60)m	2						
-			SH-B)	3.70		2						
			(DPS	3.80		3						
4 —			Probe	4.00		5						
			Dynamic Probe (DPSH-B)	4.10)m	6						
_			٥	4.20		6						
				4.30		7						
-				4.40		4						
=				4.60		5						
				4.70)m	5						
				4.80		7						
5 - 4.90m 11 11												
\vdash	O-manual D. www.lay			Depth	` '	Blows	w Ob	tions:	В	lows/100mm		
General Remarks: Groundwater Observations: 1. Consistency of fine grained soil assessed by hand worked tests in accordance with BS5930. Date Strike Casing Time Elapsed Standing Remarks											arks	
Densiti Chalk of 2. Sam	es of granular material, if identified, based on N-Values derived fr descriptions, if identified, are in accordance with CIRIA C574 upling terminated at 3.00mbgl due to running sands. Dynamic Prot 00mbgl.	om in situ SPT	testin	g.)5-10-20			-	20mins	0.78m	Neill	
											I .	