

### **BOREHOLE LOG**

#### WINDOWLESS SAMPLING

18-99339

Standing

0.00m

Remarks

Strike

0.39m

10-01-2019

Casing

0.00m

Time Elapsed

0mins

Borehole No.
BOP TP1

\_\_\_\_\_\_

Client: Borough of Poole

Lab. Ref:

Sheet 1 of 1

Hole Type

Contract: Poole Park Miniature Railway

Drilling Equipment:

WLS Scale

Location: Poole Park

Poole Park, Poole, BH15 2SF

Ground level inferred from topographic survey. Excavation between 0.00-1.00mbgl undertaken by client to ensure clearance from high voltage cable. Borehole terminated at 2.00mbgl due to

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 CRIA CS74'

running sands.

Dando Terrier Mk2 Tracked Dynamic Percussion Rig

1:25

Ground Level (mAOD): 1.36

Co-ords:

Not Surveyed

**Date(s):** 10/01/2019

**Logged By** DW

=			~	Legend	Water	Backfill	(Type)				Drill
(m)	Stratum Description	(Level)	Thickness		Strikes		(Type) Depth	Depth	Туре	Results	Run
	MADE GROUND. Dark greyish brown slightly gravelly silty fine to coarse SAND. Gravel is fine to coarse subangular to sub-rounded of flint.  Medium dense greyish brown mottled light brown slightly gravelly silty fine to coarse SAND. Gravel is fine to coarse sub-angular to sub-rounded of flint. (Tidal Flat Deposits)	- 0.37 (0.99)	(0.37)		•						Trial Pit excavated by client
1 —	Dense light brown slightly gravelly fine to coarse SAND. Gravel is fine to coarse sub-angular to sub-rounded of flint. (Poole Formation)	- 1.48 (-0.12)	(1.11)					1.00	SPT(C)	N=20 (2,3/4,4,5,7)	(87mm dia) Rec=95%
2	End of Borehole at 2.000m	2.00 (-0.64)						2.00	SPT(C)	N=40 (3,5/5,7,14,14)	
3 —											
4 —											
11111111											



Borough of Poole

Client:

Contract:

Location:

Ground Level (mAOD):

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## **BOREHOLE LOG**

WINDOWLESS SAMPLING

18-99339

**BOP TP5** 

Borehole No.

Sheet 1 of 1

**Hole Type** WLS+DP

Scale

1:30

**Drilling Equipment:** Dando Terrier Mk2 Tracked Dynamic

Lab. Ref:

Percussion Rig

Poole Park Miniature Railway

Poole Park, Poole, BH15 2SF

Co-ords:

DNS

Date(s): 10/01/2019

Logged By DW

ill its	Stratum Description	Depth	Thickness	Legend	Water	Backfill	Sample (Type)		In	Situ Testing	I	Drill
: n)	•	(Level)	Thic	Logona	Strikes	Duomin	(Type) Depth	Depth	Туре		Results	Run
=	MADE GROUND. Brownish orange very sandy fine to coarse angular to sub-rounded GRAVEL of flint.											
3	-		(0.34)									
1	MADE GROUND. Dark grey slightly gravelly silty fine to	0.34 (0.92)	$\vdash$									
_	coarse SAND. Gravel is fine to coarse angular to sub- rounded of flint and brick. Rare angular brick cobbles.											Trial Pit excavated b
=	Tourided of limit and briok. I tallo drigatal briok obbbies.		(0.52)									client
=												
}	Medium dense greyish brown silty fine to coarse SAND.	0.86 (0.40)	H	×								
-	(Tidal Flat Deposits)			$\times \times \times$				1.00	SPT(C)	N=28	(3,2/4,6,8,10)	
=			(60	$\times \times \times$								
3			(0.69)	× × ×								
3				x × ×								
1	Dance light house elighthy group light for the case of CAND	1.55 (-0.29)		×								(87mm dia) Rec=100%
3	Dense light brown slightly gravelly fine to coarse SAND. Gravel is fine to coarse sub-angular to sub-rounded of flint.											
=	(Poole Formation)		(0.45)									
3												
: 士	SPT Test undertaken. Sample not recovered.	2.00 (-0.74)						2.00	SPT(C)	N=40 (	(4,4/5,10,14,11)	
=			(0.40)									
1												
Ī	End of Borehole at 2.400m	2.40 (-1.14)		2.40		3			•			
3				2.50		3						
=				2.70		4						
=				2.80		4						
3 🚽				2.90 3.00		5						
=				3.10		7						
3				3.20		7						
=			<u>9</u>	3.30		7						
Ξ			Dynamic Probe (DPSH-B)	3.50		6						
=			) ago.	3.60		7						
3			nic P	3.70		8						
1			Dynar	3.90	m	11						
· =				4.00		12						
3				4.10		7						
3				4.30	m	8						
4				4.40		9						
=				4.60		5						
=				4.70	m	5						
3				4.80		5						
5 =				4.90	"	0						
=												
1												
=												
=												
=												
=												
3												
				Depth	(m) B	lows			В	lows/100mm		
	General Remarks:				Ground	dwater	Observation	ns:				
	sistency of fine grained soil assessed by hand worked tests in ac es of granular material, if identified, based on N-Values derived fr				Date			-	ne Elapsed	Standing	Rem	arks
risiue	escriptions, if identified, are in accordance with CIRIA C574	• •		·  1	0-01-201	9 J 0.	62m 0.0	00m	0mins	0.00m	1	



## **BOREHOLE LOG**

WINDOWLESS SAMPLING

**BOP TP8** 

Borehole No.

Sheet 1 of 1

Client: Borough of Poole

Lab. Ref: 18-99339 **Hole Type** WLS+DP Scale

Contract: Poole Park Miniature Railway

Dando Terrier Mk2 Tracked Dynamic

**Drilling Equipment:** 

1:30 Location: Poole Park, Poole, BH15 2SF Percussion Rig Logged By Ground Level (mAOD): 1.29 Co-ords: DNS Date(s): 10/01/2019 DW In Situ Testing Drill Stratum Description

units =	Stratum Description	Depth (Level)	Thickne	Legend	Water Strikes	Backfill	(Type) Depth			itu resting	Drill Run
(m)		(2010.)	Ē	~~~~			Depth	Depth	Type	Results	
	MADE GROUND. Orangish brown very sandy fine to coarse angular to sub-rounded GRAVEL of flint.	0.30 (0.99)									
	MADE GROUND. Multicoloured dark grey, dark brown and light brown gravelly silty fine to coarse SAND. Gravel is fine to coarse angular to sub-rounded of flint and brick. Occasional ceramic fragments.	0.50 (0.59)	(0.72)		•						Trial Pit excavated by client
1 -		1.02 (0.27)		<b>******</b>				1.00	SPT(C)	N=2 (0,0/0,1,1,0)	
	Very loose greyish brown gravelly fine to coarse SAND. Gravel is fine to coarse angular to sub-rounded of flint. (Tidal Flat Deposits)	1.02 (0.27)	(0.60)								(87mm dia) Rec=79%
	Medium dense light grey becoming dark grey gravelly fine to coarse SAND. Gravel is fine to coarse angular to subrounded of flint. (Poole Formation)	1.62 (-0.33)							0.57(0)		Net-1976
2			(1.38)					2.00	SPT(C)	N=15 (3,5/4,4,3,4)	(87mm dia) Rec=71%
3 -	End of Borehole at 3.000m	3.00 (-1.71)		3.00	m	0	1		1	I	ı
]				3.10	m	0					
=				3.20		0					
]				3.30		0					
_				3.50		0					
]				3.60	m	0					
=				3.70		0					
]				3.80		0					
4 —				4.00		0					
]			_	4.10	m	0					
=			SHB	4.20		0					
]			robe (DPSH-B)	4.30		0					
_			Probe	4.50		0					
]			Dynamic P	4.60		0					
=			Dyns	4.70		0					
=				4.80		7					
5 —				5.00		8					
				5.10		6					
]				5.20		7					
=				5.30		6					
-]				5.40		12					
				5.60		43					
=				5.70	m	42					
=				5.80	m	47					
6 -											
				Depth		lows			Blo	ws/100mm	
1	General Remarks:			1	Ground	dwater	Observatio	ns:			

General Remarks:

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

2. Ground level inferred from topographic survey. Excavation between 0.00-1.00mbgl undertaken by client to ensure clearance from high voltage cable.

Date	Strike	Casing	Time Elapsed	Standing	Remarks
10-01-2019	0.79m	0.00m	0mins	0.00m	



# **BOREHOLE LOG**

#### WINDOWLESS SAMPLING

18-99339

Borehole No. **BOP TP12** 

Sheet 1 of 1

Client: Borough of Poole Lab. Ref:

**Hole Type** 

Contract:

Poole Park Miniature Railway

Drilling Equipment: Dando Terrier Mk2 Tracked Dynamic Percussion Rig

WLS Scale

Location:

Poole Park, Poole, BH15 2SF

1:25

Logged By Co-ords: **Date(s):** 10/01/2019 Ground Level (mAOD): 1.27 Not Surveyed DW

All units	Stratum Description	Depth	Thickness	Legend	Water	Backfill	Sample (Type)		In	Situ Testing	ı	Drill
= (m)		(Level)	Thic	Legena	Strikes	Duckiiii	Depth	Depth	Туре	F	Results	Run
	MADE GROUND. Orangish brown very sandy fine to coarse angular to sub-rounded GRAVEL of flint.											
-	MADE GROUND. Dark grey mottled light grey gravelly silty fine to coarse SAND. Gravel is fine to coarse angular to sub-rounded of flint and brick. Occasional ceramic fragments.	0.30 (0.97)	(0.73)									Trial Pit excavated by client
1 —	Very loose to medium dense light grey mottled dark grey slightly gravelly sity fine to coarse SAND. Gravel is fine to	1.03 (0.24)						1.00	SPT(C)	N=0	(0,0/0,0,0,0)	
	signing gravely still life to coarse SAND. Graver is life to coarse sub-angular to sub-rounded of flint (Tidal Flat Deposits)											(87mm dia) Rec=92%
2			(2.30)					2.00	SPT(C)	N=12	(2,3/2,2,5,3)	(87mm dia) Rec=91%
3 —	Dark brown mottled dark grey sandy pseudo-fibrous	· 3.33 (-2.06)		**************************************				3.00	SPT(C)	N=0	(0,0/0,0,0,0)	
-	PEAT. Weak organic odour. (Tidal Flat Deposits)  Medium dense grey silty fine to coarse SAND. (Poole	3.89 (-2.62)	(0.56)	e alto								(87mm dia) Rec=96%
4	End of Borehole at 4.000m	4.00 (-2.73)						4.00	SPT(C)	N=18	(3,2/4,5,4,5)	
5 —												
	arks:			<b>⊢</b>	Ground	dwater	Observat	ions:				
	d level inferred from topographic survey. Excavation between 0. nt to ensure clearance from high voltage cable.	00-1.00mbgl u	ndei		Date 0-01-201	9 0.7		asing T	ime Elapsed Omins	Standing 0.00m	Rema	arks

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. Chal describtions in accordance with CRIA CG74'



Location:

Poole Park Miniature Railway

Poole Park, Poole, BH15 2SF

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 descriptions in accordance with CRIA C574'

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## **BOREHOLE LOG**

#### WINDOWLESS SAMPLING

**BOP TP15** 

Sheet 1 of 1

Hole Type

Borehole No.

Client: Borough of Poole Lab. Ref: 18-99339

Drilling Equipment:

Dando Terrier Mk2 Tracked Dynamic Percussion Rig WLS Scale 1:25

Ground Level (mAOD): 1.25 Co-ords: Not Surveyed Date(s): 10/01/2019 Logged By

AII			S				_						
nits =	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Backfill	Sample (Type) Depth	Dep	.h T	In S ype	itu Testing	lesults	Drill Run
m) - - -	MADE GROUND. Orangish brown very sandy fine to coarse angular to sub-rounded GRAVEL of flint.	0.30 (0.95)	<u> </u>					Бер		уре		esuns	
1 —	MADE GROUND. Dark grey mottled light grey gravelly silty fine to coarse SAND. Gravel is fine to coarse angular to sub-rounded of flint and brick. Occasional ceramic fragments.		(1.13)		•			1.00	o si	PT(C)	N=16	(1,4/4,4,4,4)	Trial Pit excavated b client
	Very loose light grey mottled dark grey slightly gravelly silty fine to coarse SAND. Gravel is fine to coarse angular to sub-rounded of flint. (Tidal Flat Deposits)	- 1.43 (-0.18)											(87mm dia Rec=100%
2 —			(1.22)					2.00	) SI	PT(C)	N=2 (	(0,1/1,0,0,1)	(87mm dia)
3 -	Dark brown mottled dark grey sandy pseudo-fibrous PEAT. Weak organic odour. (Tidal Flat Deposits)	- 2.65 (-1.40)	(0.89)	alla alla alla alla alla alla alla all				3.00	) SI	PT(C)	N=17	(0,2/4,3,4,6)	Rec=93%
111111111111	Medium dense light grey silty fine to coarse SAND. (Poole Formation)	- 3.54 (-2.29)	(0.46)	<ul> <li>3/16</li> <li>3/16<td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>(87mm dia Rec=99%</td></li></ul>									(87mm dia Rec=99%
4	End of Borehole at 4.000m	4.00 (-2.75)						4.00	) SI	PT(C)	N=16	(2.4/4,3,4,5)	
5 —													
	rks:	I	1		Ground	lwater	Observa	itions:			1		I
• • • • • • • • • • • • • • • • • • • •													



### **BOREHOLE LOG**

#### WINDOWLESS SAMPLING

WS101

Borehole No.

Sheet 1 of 1

Borough of Poole Contract:

Lab. Ref: 18-99339

Drilling Equipment:

**Hole Type** WLS

Location: Poole Park, Poole, BH15 2SF

Client:

Poole Park Miniature Railway

Ground level inferred from topographic survey. Borehole terminated at 2.00mbgl due to running sands.

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 CRIA CS74'

Dando Terrier Mk2 Tracked Dynamic Percussion Rig

Scale 1:25

Ground Level (mAOD): 1.99 Co-ords: Not Surveyed **Date(s):** 07/01/2019

Logged By DW

All			SS				Cample		Im C	itu Testing	
units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Backfill	Sample (Type) Depth	Depth	Туре	Results	Drill Run
	MADE GROUND. Dark greyish brown slightly gravelly silty fine to coarse SAND. Gravel is fine to coarse subangular to sub-rounded of flint.  Brownish grey mottled light brown gravelly fine to coarse SAND. Gravel is fine to coarse sub-angular to subrounded of flint. Rare sub-angular flint cobbles. (Tidal Flat Deposits)	- 0.36 (1.63)	(0.05) (0.36)								Hand Dug Pit
1	Medium dense becoming dense greyish brown fine to coarse SAND. (Poole Formation)	- 1.01 (0.98)	(0)					1.00	SPT(C)	N=17 (3,2/4,4,4,5)	
2	End of Borehole at 2.000m	- 2.00 (-0.01)	(0.99)					2.00	SPT(C)	N=38 (6,6/6,8,11,13)	(87mm dia) Rec=100%
3 -											
4 —											
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1											
5 Rema	arks:	-			Groun	dwater	Observati	ons:			

Date

07-01-2019

Strike

1.00m

Casing

0.00m

Time Elapsed

20mins

Standing

0.89m



### **BOREHOLE LOG**

#### WINDOWLESS SAMPLING

**WS102**Sheet 1 of 1

Borehole No.

Client: Borough of Poole Lab. Ref: 18-99399

Contract: Poole Park Miniature Railway Drilling Equipment:

Hole Type WLS

Contract: Poole Park Miniature Railway

Location: Poole Park, Poole, BH15 2SF

Dando Terrier Mk2 Tracked Dynamic Percussion Rig **Scale** 1:25

200dion: 1 doie 1 din, 1 doie, Bitto 201

Ground level inferred from topographic survey. Borehole terminated at 2.00mbgl due to running sands.

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 CRIA CS74'

Ground Level (mAOD): 1.72

Co-ords: Not Surveyed

Date(s): 07/01/2019 Logged By

All	<u> </u>		SS								
units =	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Backfill	Sample (Type) Depth			itu Testing	Drill Run
(m)	MADE GROUND. Dark greyish brown slightly gravelly		F				200	Depth	Type	Results	
-	silty fine to coarse SAND. Gravel is fine to coarse sub- angular to sub-rounded of flint and brick.  Medium dense light greyish brown mottled dark brown gravelly fine to coarse SAND. Gravel is fine to coarse sub-angular to sub-rounded of flint. (Tidal Flat Deposits)	- 0.44 (1.28)	(0.87)								Hand Dug Pit
1	Medium dense light brown fine to coarse SAND. (Poole Formation)	- 1.31 (0.41)	)) (69:0)					1.00	SPT(C)	N=22 (3,5/5,6,6,5)	(87mm dia) Rec=100%
2	End of Borehole at 2.000m	- 2.00 (-0.28)						2.00	SPT(C)	N=15 (2,3/3,4,4,4)	
3 —											
4 —											
5 Rema		-					Observati				

Date

07-01-2019

Strike

0.60m

Casing

0.00m

Time Elapsed

20mins

Standing

0.56m



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### **BOREHOLE LOG**

#### WINDOWLESS SAMPLING

Borehole No. WS103

Sheet 1 of 1

Client: Borough of Poole Lab. Ref: 18-99339

Hole Type
WLS

Location: Poole Park, Poole, BH15 2SF

Poole Park Miniature Railway

Dando Terrier Mk2 Tracked Dynamic Percussion Rig

**Date(s):** 07/01/2019

Drilling Equipment:

Scale 1:25

Ground Level (mAOD): 1.26 Co-ords: Not Surveyed

Ground level inferred from topographic survey. Borehole terminated at 2.00mbgl due to running sands. Borehole collapsed to 1.00mbgl prior to reinstatement.

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. Chal describtions in accordance with CRIA CST4'

**Logged By** DW

All units		Donth	ess		W-+		Sample		In Si	itu Testing	Deili
units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Backfill	Sample (Type) Depth	Depth	Туре	Results	Drill Run
	TOPSOIL. Dark brown slightly gravelly silty fine to coarse SAND. Gravel is fine to coarse sub-angular to sub-rounded of flint. Frequent roots and rootlets.  Very loose light grey mottled dark brown clayey fine to coarse SAND. (Tidal Flat Deposits)	- 0.38 (0.88)	(0.38)								Hand Dug Pit
1	Light greyish brown mottled dark brown silty organic fine to coarse SAND. (Poole Formation)  Very dense light grey fine to coarse SAND. (Poole Formation)	- 1.58 (-0.32) - 1.81 (-0.55)	(1.20)	**************************************				1.00	SPT(C)	N=0 (0,0/0,0,0,0)	(87mm dia) Rec=61%
2 - 2	End of Borehole at 2.000m	2.00 (-0.74)						2.00	SPT(C)	N=61 (3,6/10,15,20,16)	
3 -											
4											
5 -	arks:	1		$\vdash$	Ground	dwater	Observati	ons:			

Date

07-01-2019

Strike

1.00m

Casing

0.00m

Time Elapsed

20mins

Standing

0.61m



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### **BOREHOLE LOG**

#### WINDOWLESS SAMPLING

WS104

**Hole Type** 

Borehole No.

Sheet 1 of 1

Client: Borough of Poole Lab. Ref: 18-99339

Drilling Equipment:

Dando Terrier Mk2 Tracked Dynamic Percussion Rig

**Date(s):** 07/01/2019

WLS Scale 1:25

Location: Poole Park, Poole, BH15 2SF
Ground Level (mAOD): 1.18

Poole Park Miniature Railway

Ground level inferred from topographic survey. Borehole terminated at 2.00mbgl due to running sands.

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 CRIA CS74'

Co-ords: Not Surveyed

**Logged By** DW

All units	Stratum Description	Depth	Thickness	Legend	Water Strikes	Backfill	Sample (Type) Depth		In S	tu Testing	Drill
= (m)	Stratum Description	(Level)	Thick	Legena	Strikes	Dackiiii	Depth	Depth	Type	Results	Run
	TOPSOIL. Dark brown slightly gravelly silty fine to coarse SAND. Gravel is fine to coarse sub-angular to sub-rounded of flint. Frequent roots and rootlets.  Light grey mottled dark grey clayey fine to coarse SAND. (Tidal Flat Deposits)  Dark brown sandy pseudo-fibrous PEAT. Strong organic odour. (Tidal Flat Deposits)	- 0.49 (0.69) - 0.63 (0.55)	(0.44)	is allo allo allo allo allo allo							Hand Dug Pit
1 -	Medium dense light greyish brown silty organic SAND. (Poole Formation)	1.07 (0.11)	(0.32)					1.00	SPT(C)	N=12 (3,3/3,2,3,4)	
	Medium dense becoming dense light grey fine to coarse SAND. (Poole Formation)		(0.61)								(87mm dia) Rec=88%
2	End of Borehole at 2.000m	2.00 (-0.82)						2.00	SPT(C)	N=38 (3,2/5,8,11,14)	
-											
3 -											
4 —											
1											
-											
5	arke	-			Group	dwater	Observati	ons:			

Strike

0.98m

07-01-2019

Casing

0.00m

Time Elapsed

20mins

Standing

0.96m



### **BOREHOLE LOG**

#### WINDOWLESS SAMPLING

Borehole No. WS105

Sheet 1 of 1

Client: Borough of Poole Lab. Ref:

**Hole Type** 18-99339

Drilling Equipment:

WLS

Contract:

Poole Park Miniature Railway

Dando Terrier Mk2 Tracked Dynamic Percussion Rig

Scale 1:25

Location:

Poole Park, Poole, BH15 2SF

Logged By DW

Ground Level (mAOD): 1.20 Co-ords: Not Surveyed

**Date(s):** 08/01/2019

BOUND MACADAM.  MADE GROUND Dark grey very gravelly fine to coarse SAND. Gravel is fine to coarse angular to sub-rounded of flint and macadam.  Greyish brown mottled dark brown gravelly fine to coarse SAND. Gravel is fine to coarse sub-angular to sub-rounded of flint. (Tidal Flat Deposits)  Dark brown mottled dark grey sandy pseudo-fibrous PEAT. Moderate organic odour. (Tidal Flat Deposits)  Medium dense becoming dense greyish brown slightly gravelly fine to coarse SAND. Gravel is fine to coarse sub-angular to sub-rounded of flint. (Poole Formation)  Greyish brown slightly gravelly fine to coarse SAND. Gravel is fine to coarse sub-angular to sub-rounded of flint. (Poole Formation)	All units	Stratum Description	Depth	Thickness	Locand	Water	Backfill	Sample		In S	itu Testing	Drill
MADE CROUND Dark grey very gravely fine to coarse SAND. Gravel is fine to coarse angular to sub-rounded of fint and mecadam.  Greyals brown motited dark grey and y pecudo-fibrous PLAT. Moderate organic odour. (Tidal Flat Deposits)  Dark brown motited dark grey and y pecudo-fibrous PLAT. Moderate organic odour. (Tidal Flat Deposits)  Metilium dance baconing dance greyals hrown nilightly gravely fine to coarse SAND. Gravel is fine to coarse SAND. Gravel is fine to coarse and angular to sub-rounded of fint. (Poole Formation)  3.12 (0.08)  End of Borehole at 2.000m  2.00 (0.89)		-	(Level)	Thick		Strikes		Depth	Depth	Туре	Results	
Medium dense becoming dense greyish brown slightly gravelly fine to coarse SAND. Gravel is fine to coarse sub-angular to sub-rounded of fint. (Poole Formation)  2  End of Borehole at 2.000m  200 (-0.80)  200 (-0.80)  200 (-0.80)	11111111111111111	MADE GROUND Dark grey very gravelly fine to coarse SAND. Gravel is fine to coarse angular to sub-rounded of flint and macadam.  Greyish brown mottled dark brown gravelly fine to coarse SAND. Gravel is fine to coarse sub-angular to sub-rounded of flint. (Tidal Flat Deposits)  Dark brown mottled dark grey sandy pseudo-fibrous	0.36 (0.84)		silie silie silie silie silie sile silie sile silie sile	•						Core Hand Dug Pit
a End of Botenole at 2.000m	1	gravelly fine to coarse SAND. Gravel is fine to coarse	1.12 (0.08)	(0.88)	a sile s				1.00	SPT(C)	N=12 (0,2/2,3,3,4)	(87mm dia) Rec=92%
, ,	3 —	End of Borehole at 2.000m	2.00 (-0.80)						2.00	SPT(C)	N=36 (3.4/5,8,11,12)	

Ground level inferred from topographic survey. Borehole terminated at 2.00mbgl due to running sands.

08-01-2019

Strike

1.00m

Standing Casing Time Elapsed Remarks 0.00m 0.59m 20mins

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 CRIA CS74'



 Location:
 Poole Park, Poole, BH15 2SF
 Date(s):
 08/01/2019
 1:30

 Ground Level (mAOD):
 1.28
 Co-ords:
 DNS
 Date(s):
 08/01/2019
 DW

Borehole No.

**WS106** 

Sheet 1 of 1

Hole Type

WLS+DP

Scale

5	Stratum Description	Depth	Thickness	Legend	Water	Backfill	Sample (Type)		In S	Situ Testin	ıg	Drill
	·	(Level)	Thic	J	Strikes		(Type) Depth	Depth	Туре		Results	Run
\ 	BOUND MACADAM.  MADE GROUND. Dark grey very sandy fine to coarse angular to sub-rounded GRAVEL of limestone, flint and	0.02 (1.26) 0.13 (1.15)										Core
\	macadam.  MADE GROUND. Dark brownish grey mottled grey very gravelly fine to coarse SAND. Gravel is fine to coarse	0.34 (0.94)										
\ \	angular to sub-rounded of flint and limestone.  Light brownish grey gravelly fine to coarse SAND. Gravel is fine to coarse angular to sub-rounded of flint. (Tidal Flat Deposits)	0.61 (0.67)		e ale a								Hand Dug
_	Deposits)  Dark brown mottled dark grey sandy pseudo-fibrous PEAT.  Moderate organic odour. (Tidal Flat Deposits)		(0.39)	alk alk s alk a alk alk								
	Light greyish brown slightly gravelly silty organic fine to coarse SAND. (Poole Formation)	1.00 (0.28) 1.16 (0.12)		% 3/16. 3/ X X X3/16. X				1.00	SPT(C)	N=	16 (3,3/3,4,5,4)	
	Medium dense light grey slightly gravelly fine to coarse SAND. Gravel is fine to coarse sub-angular to sub-rounded of flint. (Poole Formation)	1.10 (0.12)	(0.84)									(87mm di Rec=93%
L	End of Borehole at 2.000m	2.00 (-0.72)			1							
-	End of Borenole at 2.000m			2.00		2						
-				2.20		6						
1				2.30		6						
				2.50		5						
			 φ	2.60		5 6						
1			Dynamic Probe (DPSH-B)	2.80		7						
1			l) eqo	2.90		6	Ţ					
			nic Pr	3.00		4						
			Dynar	3.20		3						
				3.30		3 4						
				3.50		3						
				3.60		3						
]				3.80		5						
1				3.90	)m	4						
]												
1												
1												
1												
=												
-				Depth	(m)	Blows			ВІ	ows/100mm	1	
_	General Remarks:		_			dwater	Observatio	ons:				
	istency of fine grained soil assessed by hand worked tests in acc				Date	Str	ike Ca	sing Tim	e Elapsed	Standing	Rem	narks
	s of granular material, if identified, based on N-Values derived fro	nm in citu CDT	petin	~	8-01-20			-	20mins	0.98m		



### **BOREHOLE LOG**

#### WINDOWLESS SAMPLING

18-99339

Borehole No. WS107

Client: Borough of Poole Lab. Ref:

Sheet 1 of 1 **Hole Type** 

Contract: Poole Park Miniature Railway Drilling Equipment:

WLS

Location: Poole Park, Poole, BH15 2SF Dando Terrier Mk2 Tracked Dynamic Percussion Rig

Scale 1:25

DW

Ground Level (mAOD): 1.40

Ground level inferred from topographic survey. Borehole terminated at 2.00mbgl due to running sands.

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 CRIA CS74'

Co-ords: Not Surveyed

Logged By **Date(s):** 08/01/2019

Standing

0.94m

Remarks

Time Elapsed

20mins

Strike

1.00m

08-01-2019

Casing

0.00m

= (m)	Stratum Description  MADE GROUND. Dark grey gravelly silty fine to coarse	(Level)	Thickness	Legend	Water Strikes	Backfill	D				
=	MADE CROLIND Dark grov gravelly silty fine to coarse		È				(Type) Depth	Depth	Type	Results	Run
	SAND. Gravel is fine to coarse angular to sub-rounded of flint and limestone.  BOUND MACADAM.  MADE GROUND. Dark grey slightly gravelly sitty fine to coarse SAND. Gravel is fine to coarse angular to sub-rounded of flint, clinker, limestone and slate. Rare sub-rounded clinker cobbles.  Dark brownish grey slightly gravelly clayey organic fine to coarse SAND. Gravel is fine to coarse sub-angular to sub-rounded of flint. Rare wood fragments. (Tidal Flat Deposits)  Dark brown mottled dark grey sandy pseudo-fibrous PEAT. Strong organic odour. (Tidal Flat Deposits)	0.14 (1.26) 0.20 (1.20) 0.43 (0.97) 0.66 (0.74)	(0.47)	alle- alle- alle- alle- alle alle alle alle alle alle							Hand Dug Pit
1	Loose becoming medium dense light grey fine to coarse SAND. (Poole Formation)	1.13 (0.27)	(0.87)	suite suite g salte, s suite suite				1.00	SPT(C)	N=5 (0,0/0,0,2,3)	(87mm dia) Rec=86%
3   4   1   1   1   1   1   1   1   1   1	End of Borehole at 2.000m	2.00 (-0.60)						2.00	SPT(C)	N=26 (2,4/4,6,6,10)	



Co-ords:

Not Surveyed

#### **BOREHOLE LOG**

#### WINDOWLESS SAMPLING

Date(s): 09/01/2019

Borehole No.

Sheet 1 of 1

Client: Borough of Poole

Lab. Ref:

18-99339 Hole Type

Contract: Poole Park Miniature Railway

1.08

Ground level inferred from topographic survey. Borehole terminated at 3.00mbgl due to running sands. Borehole collapsed to 2.00mbgl prior to reinstatement.

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 CRIST (4).

**Drilling Equipment:**Dando Terrier Mk2 Tracked Dynamic

WLS Scale 1:25

Location: Poole Park, Poole, BH15 2SF

Ground Level (mAOD):

Percussion Rig

Logged By DW

All units Sample (Type) Depth Depth (Level) Water Drill **Stratum Description** Run (m) Depth Type Results BOUND MACADAM Core 0.10 (0.98) MADE GROUND. Orangish brown gravelly fine to coarse SAND. Gravel is fine to coarse angular to sub-rounded of 0.21 (0.87) SAND. Gravel is life to coarse angular to sub-rounded or fint.

MADE GROUND. Dark greyish brown slightly gravelly silty fine to coarse SAND. Gravel is fine to coarse angular to sub-rounded of fiint and clinker.

Brownish grey mottled light brown gravelly silty fine to coarse SAND. Gravel is fine to coarse sub-angular to sub-provided of fiint (Tidal Flat Deposits) 0.32 (0.76) (0.33)Hand dug Pit sub-rounded of flint. (Tidal Flat Deposits) 0.65 (0.43) Dark brown mottled dark grey sandy pseudo-fibrous PEAT. Moderate organic odour. (Tidal Flat Deposits) siles siles s siles siles sile sura sur a sita sita sita 1.00 SPT(C) N=0 (0,0/0,0,0,0) s siles siles sile s ales ales ans ans
alto alto
alto alto
alto alto
alto alto
alto alto
alto alto (1.67)(87mm dia) alka alka s ales ales alle alle s alle alle alle alle alle alle s alle alle alle 2 2.00 SPT(C) N=12 (0.1/1.3.4.4) sile مالد. عادی 2.32 (-1.24) Medium dense light grey silty organic fine to coarse SAND. (Poole Formation) × ماد (87mm dia) Rec=62% (0.68)γķ. 3.00 (-1.92) 3.00 SPT(C) N=23 (4,2/4,4,8,7) End of Borehole at 3.000m **Groundwater Observations:** 

Strike

1.00m

09-01-2019

Casing

0.00m

Time Elapsed

20mins

Standing

1.00m



## **BOREHOLE LOG**

WINDOWLESS SAMPLING

Borehole No. **WS109** 

Sheet 1 of 1

Client: Lab. Ref: 18-99339 Borough of Poole

Hole Type WLS+DP

Contract: Poole Park Miniature Railway **Drilling Equipment:** Dando Terrier Mk2 Tracked Dynamic

Scale 1:30

Location: Poole Park, Poole, BH15 2SF Percussion Rig

Logged By Ground Level (mAOD): 1.12 Co-ords: DNS Date(s): 09/01/2019 DW

All		Depth	ess		We4		Sample		In	In Situ Testing		Drill
nits = (m)	Stratum Description	(Level)	Thickness	Legend	Water Strikes	Backfill	(Type) Depth	Depth	Туре		Results	Run
-	MADE GROUND. Dark brown silty fine to coarse SAND.		_									
1		0.25 (0.87)										
=	MADE GROUND. Dark greyish brown mottled light brown gravelly silty fine to coarse SAND, Gravel is fine to coarse											
4	angular to sub-rounded of flint and brick.		(0.43)									Hand Dug Pi
=		0.68 (0.44)										
1	Dark grey slightly gravelly silty organic fine to coarse SAND. Gravel is fine to coarse sub-angular to sub-rounded of flint.	0.68 (0.44)		× ×								
1	(Tidal Flat Deposits)  Dark brown mottled dark grey sandy pseudo-fibrous PEAT.	0.87 (0.25)		श्रीक श्रीक	$\overline{}$							
1 —	Moderate organic odour. (Tidal Flat Deposits)		(0.36)	e alte alte				1.00	SPT(C)	N=1	7 (4,4/5,4,4,4)	
1		1.23 (-0.11)	9	e alte alte								
=	Medium dense dark brown becoming light brown gravelly silty organic fine to coarse SAND. Gravel is fine to coarse	1.25 ( 0.11)	(9	200								
4	angular to sub-rounded of flint. (Poole Formation)		(0.36)	alla								(87mm dia)
1	Medium dense light yellowish brown fine to coarse SAND.	1.59 (-0.47)		. And								Rec=74%
=	(Poole Formation)		(0.41)									
=			(0,									
2 🕂	SPT Test undertaken. Sample not recovered.	2.00 (-0.88)						2.00	SPT(C)	N=2	5 (3,4/3,6,8,8)	
1			(0.40)									
=			0)									
Ξ	End of Borehole at 2.400m	2.40 (-1.28)		2.40	m	2						
=				2.50		0 2						
=				2.70	_	6						
=			SH-B	2.80		8						
3 =			Dynamic Probe (DPSH-B)	2.90 3.00		12 15						
=			Prob	3.10	m	14						
=			namic	3.20		15 20						
=			l ō	3.40		25						
=				3.50		28 33						
=				3.70		50						
=										,		
4 -												
=												
1												
Ξ												
=												
3												
=												
5 —												
=												
3												
=												
=												
#												
=												
6												
_				Depth	(m) B	lows			В	lows/100mm		
	General Remarks:						Observation					
Cons	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 E om in situ SPT	SS593	~	Date			-	e Elapsed	Standing	Ren	narks
ensitie	escriptions, if identified, are in accordance with CIRIA C574		Count	y. I∩	9-01-201	9 0.9	nm i ni	00m 2	20mins	0.72m		



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

# **BOREHOLE LOG**

#### WINDOWLESS SAMPLING

Borehole No. **WS110** 

Sheet 1 of 1

Client: Borough of Poole Lab. Ref: 18-99339

Hole Type WLS Drilling Equipment:

Poole Park Miniature Railway Location: Poole Park, Poole, BH15 2SF

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 descriptions in accordance with CRIA CS74'

Dando Terrier Mk2 Tracked Dynamic Percussion Rig

Scale 1:25

Logged By Co-ords: Ground Level (mAOD): **Date(s):** 09/01/2019 1.13 Not Surveyed DW

AII			ń					T				
nits =	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Backfill	Sample (Type) Depth	Dth		Situ Testinç	•	Drill Run
m)	MADE GROUND. Dark greyish brown cobbly silty fine to		Ę		3	XXXXX	200	Depth	Туре	-	Results	
=	coarse SAND. Clasts are sub-angular to sub-rounded of flint.											
4		0.00 (0.04)										
1	MADE GROUND. Light brown slightly gravelly fine to coarse SAND. Gravel is fine to coarse sub-angular to	0.29 (0.84)										
3	sub-rounded of flint.  MADE GROUND. Dark grey gravelly silty fine to coarse	0.48 (0.65)										Hand Dug P
4	SAND. Gravel is fine to coarse angular to sub-rounded of	0.61 (0.52)										Tiana Bag t
1	flint. Occasional shell and ceramic fragments.  Dark brown mottled dark grey sandy pseudo-fibrous	0.01 (0.32)		s alls								
1	PEAT. Moderate organic odour. (Tidal Flat Deposits)		<u> </u>									
]			(0.55)	sile sile s siles								
4				alto alto				1.00	SPT(C)	N=7	(0,0/0,0,4,3)	
1	Vary poft, dark gray you condy SILT (Tidal Flat Donosita)	1.16 (-0.03)		316 316								
7	Very soft dark grey very sandy SILT. (Tidal Flat Deposits)			$\times \times \times$								
}			3)	NZ NZ NZ								
4			(0.53)	×××								(87mm dia
1				(	1							Rec=95%
7	Dense light greyish brown slightly gravelly fine to coarse	1.69 (-0.56)		XXX								
3	SAND. Gravel is fine to coarse sub-angular to sub- rounded of flint. (Poole Formation)		<u></u>									
1	,		(0.42)									
╡								2.00	SPT(C)	N=33	(4,4/7,8,10,8)	
†	Dense becoming medium dense light grey slightly	2.11 (-0.98)		×××								
3	gravelly silty fine to coarse SAND. Gravel is fine to coarse sub-angular to sub-rounded of flint. (Poole Formation)			×.×.								
}				× ×								
Ⅎ			6	×. ×.								(87mm dia
=			(0.89)	.×.×.;								Rec=91%
4				×××								
7				×××								
]				×××	1							
+	End of Borehole at 3.000m	3.00 (-1.87)		Marks.		W//XW//		3.00	SPT(C)	N=13	(2,2/2,3,4,4)	
4												
1												
}												
4												
1												
1												
7												
3												
Ⅎ												
1												
1												
1												
7												
3												
1												
=												
1												
+				L								
	arks:			<b>⊢</b>	Groun	dwater	Observa					
unc ds.	I level inferred from topographic survey. Borehole terminated a	t 3.00mbgl due	to ru		Date	Str		-	me Elapsed	Standing 0.47m	Rem	arks
				10	09-01-201	9 0.7	əm 0	.00m	20mins	U.4/M		



Co-ords:

### **BOREHOLE LOG**

WINDOWLESS SAMPLING

18-99339

Borehole No. **WS111** 

Sheet 1 of 1

Client: Lab. Ref: Borough of Poole

Hole Type WLS+DP

Contract: Poole Park Miniature Railway

Ground Level (mAOD):

Dando Terrier Mk2 Tracked Dynamic Percussion Rig

Date(s): 09/01/2019

**Drilling Equipment:** 

Scale 1:30

Location: Poole Park, Poole, BH15 2SF

DNS

Logged By DW

	ild Level (IIIAOD).	Co-orus.		INO				Date(S).		1/2010			OW
All nits	Stratum Description		Depth		Legend V	Water Strikes Bac	Backfill	Sample (Type)		In	Situ Testing		Drill
= m)		(1	Level)	Thickness	S	trikes		(Type) Depth	Depth	Туре	ı	Results	Run
-	MADE GROUND. Dark greyish brown gravelly silty fir coarse SAND. Gravel is fine to coarse angular to sub-	ne to											
=	rounded of flint and limestone.		n= (0.05)										
Ŧ	MADE GROUND. Dark grey gravely clayey fine to co- SAND. Gravel is fine to coarse angular to sub-rounde	aise	25 (0.86)										
=	flint and brick. Occasional wood fragments.												
+	Medium dense brown mottled grey silty fine to coarse	0.5	50 (0.61)		XXXX	Ì	X						Hand Dug F
3	SAND. (Tidal Flat Deposits)				×××	ŀ	//						
=					×××								
7					$\times$ $\times$	$\equiv$							
1 -				8	$\stackrel{\times}{\times}\stackrel{\wedge}{\times} \stackrel{\times}{\times}$	$\sim$ [	(1):(1)		1.00	SPT(C)	N=28	3 (4,6/6,7,7,8)	
=				(1.18)	× × ×								
3					×××								
3					×××								
_					×××								(87mm dia
3					× ×								Rec=90%
7	Dense light grey fine to coarse SAND. (Poole Formati	ion) 1.6	8 (-0.57)		×								
=				(0.32)									
<u>, I</u>		2.0	0 (-0.89)						2.00	SPT(C)	N=45	(3,4/5,7,15,18)	
2 🛨	SPT Test undertaken. Sample not recovered.	2.0	0 (-0.69)						2.00	31 1(0)	14-45	(3,4/3,7,13,10)	
=				(0.40)									
3													
+	End of Borehole at 2.400m	2.4	0 (-1.29)		2.40m		5						
3					2.50m		7						
=					2.60m	_	0						
3					2.70m 2.80m		4						
=					2.90m		4						
3 —					3.00m	1	3						
=					3.10m	_	7						
7					3.20m 3.30m		7	_					
=				⊕ P	3.40m		3						
=				Dynamic Probe (DPSH-B)	3.50m		3						
3				) add	3.60m	_	7						
=				c Pre	3.70m		3						
3				nam	3.80m 3.90m	_	9						
4 —				â	4.00m	_	3						
1					4.10m	1	0						
=					4.20m	_	9						
=					4.30m	_	3						
					4.40m 4.50m	_	0						
=					4.60m	_	9						
3					4.70m	4	.7						
=					4.80m		9						
5 —					4.90m	2	10						
=													
3													
1													
4													
=													
1													
6 -													
							Blows Blows/100mm oundwater Observations:						
Cons	General Remarks: sistency of fine grained soil assessed by hand worked to	ests in accorda	nce with P	S503	_		_			no Elores I	Standin-	D	aarke
ensitie	s of granular material if identified based on N-Values	derived from in	situ SPT t	esting		Date 01-2019			sing Tir 00m	ne Elapsed 20mins	Standing 0.83m	Ken	narks
nalk de Grou	escriptions, if identified, are in accordance with CIRIA on all level inferred from topographic survey. Borehole terr	ರಿ6/4 minated at 2.00r	mbgl due t	o run									
nds. [	Dynamic probe testing undertaken between 2.00-5.00m	nbgl.											