



## Borehole No.

Sheet 1 of 1

**Lab. Ref: 18-96795**

**Drilling Equipment:**  
Dando Terrier Mk1 Tracked Dynamic Percussion Rig

### Scale

1:25

**Location:** Whitecliff Road, Poole, BH15 2SF


Logged By  
DW


**Ground Level (mAOD):** 1.20

**Co-ords:** DNS

**Date(s):** 05/10/2018

All units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Backfill	Sample (Type) Depth	In Situ Testing			Drill Run	
								Depth	Type	Results		
1	Light greyish brown CONCRETE with 8mm rebar. Aggregate is fine to coarse (7-29mm) angular to sub-rounded of flint.	0.14 (1.06)									Core	
	Dark grey pre-cast CONCRETE with 8mm rebar. Aggregate is fine to coarse (4-28mm) angular to sub-rounded. Void and water.	0.24 (0.96)									Depth to water level	
											Water	
	Dark grey very sandy organic SILT. Sample not recovered.	1.20 (0.00)									Pond Bed	
	Light greyish brown Concrete with 10mm rebar. Aggregate is fine to coarse (3-39mm) angular to sub-rounded of flint.	1.40 (-0.20)									Core	
	Light grey clayey fine to coarse grained SAND. (Poole Formation)	1.55 (-0.35)										
2												
3	End of Borehole at 2.300m	2.30 (-1.10)										

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<b>Client:</b> Borough of Poole				<b>Lab. Ref:</b> <b>18-96795</b>				<b>Hole Type</b> WLS	
<b>Contract:</b> Poole Park Miniature Railway				<b>Drilling Equipment:</b>				<b>Scale</b> 1:25	
<b>Location:</b> Whitecliff Road, Poole, BH15 2SF								<b>Logged By</b>	
<b>Ground Level (mAOD):</b> 1.20		<b>Co-ords:</b> Not Surveyed		<b>Date(s):</b> 05/10/2018					

All units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Backfill	Sample (Type) Depth	In Situ Testing			Drill Run
								Depth	Type	Results	
1	BOUND MACADAM. Light greyish brown CONCRETE and 8mm rebar. Aggregate is fine to coarse (2-38mm) angular to sub-rounded of flint.	0.04 (1.16)	(0.49)								Core
	MADE GROUND. Light brown angular to sub-angular COBBLES and BOULDERS of limestone and concrete.	0.17 (1.03)									
	Light greyish brown CONCRETE. Aggregate is fine to coarse (2-28mm) angular to sub-rounded of flint.	0.66 (0.54)									
	End of Borehole at 0.870m	0.87 (0.33)									
2											
3											
4											
5											

<b>Remarks:</b> Coring terminated at 0.87mbgl due to concrete obstruction.				<b>Groundwater Observations:</b>			
Date	Strike	Casing	Time Elapsed	Standing	Remarks		

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. Chalk descriptions in accordance with CIRIA C574



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## TRIAL PIT LOG

Trial Pit No.

**TP01**

Sheet 1 of 1

<b>Client</b>	Borough of Poole	<b>Depth (m):</b>	<b>Dimensions (m):</b>	<b>Lab Ref.</b>	18-96795	<b>Hole Type</b>	TP
<b>Site</b>	Poole Park Miniature Railway	1.00	0.65 0.45	<b>Plant Used:</b>	2t Tracked Mini Excavator	<b>Scale</b>	1:10
<b>Location</b>	Whitecliff Road, Poole, BH15 2SF			<b>Date(s)</b>	01/10/2018	<b>Logged By</b>	DW
<b>Ground Level (mAOD):</b>	1.20	<b>Co-ords:</b>	DNS				

All units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Sample (Type) Depth	Testing		
							Depth	Type	Results
	BOUND MACADAM.								
	MADE GROUND. Light brown very gravelly fine to coarse SAND. Gravel is fine to coarse sub-angular to sub-rounded of flint and clinker.	0.12 (1.08)				0.12 (D)			
	MADE GROUND. Greyish brown slightly sandy cobbly fine to coarse sub-angular to sub-rounded GRAVEL of flint, brick and concrete. Clasts comprise sub-angular to sub-rounded flint brick and concrete.	0.23 (0.97)				0.23 (B)			
	Dark grey mottled dark brown slightly sandy pseudo-fibrous PEAT. Moderate organic odour noted. (Tidal Flat Deposits)	0.42 (0.78)				0.42 (D)			
	Light grey mottled dark grey silty fine to coarse SAND. (Tidal Flat Deposits)	0.65 (0.55)				0.65 (D)			
1	End of Trial Pit at 1.000m	1.00 (0.20)	(0.35)			1.00			
2									

**Remarks:** Base of concrete bridge deck measured at 0.30mbgl on southern face of trial pit. Trial pit was excavated beside narrow gauge railway. The track is bedded on granular made ground and partially covered with macadam.

**Pit Stability:** Stable

**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



## Borehole No.

Sheet 1 of 1

**Lab. Ref: 18-96795**

**Drilling Equipment:**  
Dando Terrier Mk1 Tracked Dynamic  
Percussion Rig

### Scale

1:25

**Location:** Whitecliff Road, Poole, BH15 2SF


**Logged By**  
DW

**Ground Level (mAOD):** 1.20

**Co-ords:** DNS

**Date(s):** 02/10/2018


<p><b>General Remarks:</b></p> <p>1. 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</p> <p>2. Sampling terminated at 3.00mbgl due to running sands. Dynamic probe testing undertaken from 3.00mbgl.</p>	<b>Groundwater Observations:</b>					
	Date	Strike	Casing	Time Elapsed	Standing	Remarks
	02-10-2018	2.00m	2.00m	20mins	2.00m	

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<b>Client:</b> Borough of Poole				<b>Lab. Ref:</b> 18-96795				<b>Hole Type</b> WLS	
<b>Contract:</b> Poole Park Miniature Railway				<b>Drilling Equipment:</b> Dando Terrier Mk1 Tracked Dynamic Percussion Rig				<b>Scale</b> 1:25	
<b>Location:</b> Whitecliff Road, Poole, BH15 2SF								<b>Logged By</b> DW	
<b>Ground Level (mAOD):</b> 1.20		<b>Co-ords:</b> Not Surveyed		<b>Date(s):</b> 02/10/2018					

All units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Backfill	Sample (Type) Depth	In Situ Testing			Drill Run
								Depth	Type	Results	
	BOUND MACADAM. CONCRETE.	0.02 (1.18)									Core
	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 concrete.	0.17 (1.03)	(0.50)								(117mm dia) Rec=100%
	End of Borehole at 0.670m	0.67 (0.53)									
1											
2											
3											
4											
5											

<b>Remarks:</b> Sampling terminated at 0.67mbgl due to concrete sub-slab.				<b>Groundwater Observations:</b>					
				Date	Strike	Casing	Time Elapsed	Standing	Remarks

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. Chalk descriptions in accordance with CIRIA C574



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BOREHOLE LOG

WINDOWLESS SAMPLING

Borehole No.

WS02

Sheet 1 of 1

Client: Borough of Poole

Contract: Poole Park Miniature Railway

Location: Whitecliff Road, Poole, BH15 2SF

Lab. Ref: 18-96795

Drilling Equipment: Dando Terrier Mk1 Tracked Dynamic Percussion Rig

Hole Type: WLS+DP

Scale: 1:25

Logged By: DW

Ground Level (mAOD): 1.20

Co-ords: DNS

Date(s): 02/10/2018

All units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Backfill	Sample (Type) Depth	In Situ Testing			Drill Run
								Depth	Type	Results	
1	BOUND MACADAM.	0.09 (1.11)									Core
	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.		(1.07)					1.00	SPT(C)	N=13 (1,5/6,4,2,1)	Hand Dug Pit
	Dark greyish brown slightly sandy pseudo-fibrous PEAT. Moderate organic odour. (Tidal Flat Deposits)	1.16 (0.04)	(0.84)								(87mm dia) Rec=61%
2	Running fine SAND. (Driller's description).	2.00 (-0.80)	(1.00)					2.00	SPT(C)	N=19 (2,4/3,4,5,7)	(87mm dia) Rec=0%
3	End of Borehole at 3.000m	3.00 (-1.80)									
4				Dynamic Probe (DP-SH-B)	3.00m	1					
					3.10m	1					
					3.20m	1					
					3.30m	0					
					3.40m	3					
					3.50m	5					
					3.60m	6					
					3.70m	4					
					3.80m	4					
					3.90m	6					
					4.00m	3					
					4.10m	5					
					4.20m	8					
					4.30m	11					
					4.40m	9					
					4.50m	7					
					5					4.60m	8
4.70m	8										
4.80m	5										
4.90m	7										
				Depth (m)	Blows	Blows/100mm					

General Remarks:

Groundwater Observations:

1. 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. No sample recovery between 2.00-3.00m due to saturated material. Dynamic probe testing undertaken from 3.00mbgl.

Date	Strike	Casing	Time Elapsed	Standing	Remarks
02-10-2018	1.00m	1.00m	20mins	1.00m	

Issue1/11/10/18



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# TRIAL PIT LOG

Trial Pit No.

**TP02**

Sheet 1 of 1

<b>Client</b>	Borough of Poole	<b>Depth (m):</b>	<b>Dimensions (m):</b>	<b>Lab Ref.</b>	18-96795	<b>Hole Type</b>	TP
<b>Site</b>	Poole Park Miniature Railway	1.00	0.70	<b>Plant Used:</b>	2t Tracked Mini Excavator	<b>Scale</b>	1:10
<b>Location</b>	Whitecliff Road, Poole, BH15 2SF	0.45		<b>Date(s)</b>	01/10/2018	<b>Logged By</b>	DW
<b>Ground Level (mAOD):</b>	1.20	<b>Co-ords:</b>	DNS				

All units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Sample (Type) Depth	Testing		
							Depth	Type	Results
	BOUND MACADAM.								
	MADE GROUND. Light brown very gravelly fine to coarse SAND, Gravel is fine to coarse sub-angular to sub-rounded of flint and concrete. Frequent rootlets and rare sub-angular to sub-rounded flint and concrete cobbles.	0.09 (1.11)				0.09			
	MADE GROUND. Light greyish brown slightly sandy cobbly fine to coarse sub-angular to sub-rounded GRAVEL of flint, brick and concrete. Cobbles comprise sub-angular to sub-rounded flint, brick and concrete.	0.21 (0.99)				0.21			
			(0.42)						
	Dark grey mottled dark brown slightly sandy pseudo-fibrous PEAT. Moderate organic odour. (Tidal Flat Deposits)	0.63 (0.57)				0.63			
			(0.37)						
1	End of Trial Pit at 1.000m	1.00 (0.20)				1.00			
2									

<b>Remarks:</b> Base of concrete bridge deck measured at 0.40mbgl. on northern face of trial pit. Trial pit was excavated beside narrow gauge railway. The track is bedded into granular made ground and partially covered with macadam.	<b>Pit Stability:</b> Stable
<b>Technical Notes (where applicable):</b> Consistency of fine grained soil assessed by hand worked tests in accordance with BS5930. Chalk descriptions in accordance with CIRIA C574.	<b>Groundwater:</b> Seepage from western face of trial pit. Slow flow rate.



## Borehole No.

Sheet 1 of 1

**Lab. Ref: 18-96795**

**Drilling Equipment:**  
Dando Terrier Mk1 Tracked Dynamic  
Percussion Rig

### Scale

1:25

**Logged By**  
DW

<b>Co-ords:</b>	DNS
-----------------	-----

**Date(s):** 02/10/2018

<p><b>General Remarks:</b></p> <p>1. 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</p> <p>2. Sampling terminated at 3.00mbgl due to running sands. Dynamic probe testing undertaken from 3.00mbgl.</p>	<b>Groundwater Observations:</b>					
	Date	Strike	Casing	Time Elapsed	Standing	Remarks
	02-10-2018	1.03m	3.00m	20mins	1.00m	





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## TRIAL PIT LOG

Trial Pit No.

**TP03**

Sheet 1 of 1

<b>Client</b>	Borough of Poole	<b>Depth (m):</b>	1.00	<b>Dimensions (m):</b>	0.60 0.45	<b>Lab Ref.</b>	18-96795	<b>Hole Type</b>	TP
<b>Site</b>	Poole Park Miniature Railway					<b>Plant Used:</b>	2t Tracked Mini Excavator	<b>Scale</b>	1:10
<b>Location</b>	Whitecliff Road, Poole, BH15 2SF							<b>Logged By</b>	DW
<b>Ground Level (mAOD):</b>	1.19	<b>Co-ords:</b>	DNS			<b>Date(s)</b>	01/10/2018		

All units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Sample (Type) Depth	Testing		
							Depth	Type	Results
	BOUND MACADAM.								
	MADE GROUND. Light brown very gravelly fine to coarse grained SAND. Gravel is fine to coarse angular to sub-rounded of flint. Frequent rootlets and rare sub-angular to sub-rounded flint brick and concrete cobbles.	0.16 (1.03)				0.16 (D)			
	BOUND MACADAM.	0.40 (0.79)				0.40 (D)			
	MADE GROUND. Greyish brown slightly gravelly silty fine to coarse grained SAND. Gravel is fine to medium sub-angular to rounded of flint. Occasional ceramic pipe fragments.	0.42 (0.77)	(0.45)			0.42 (D)			
	Dark grey mottled dark brown slightly sandy pseudo-fibrous PEAT. (Tidal Flat Deposits)	0.87 (0.32)				0.87 (D)			
1	End of Trial Pit at 1.000m	1.00 (0.19)				1.00 (D)			
2									

**Remarks:** Trial pit was excavated beside narrow gauge railway. The track is bedded into macadam.

**Pit Stability:** Stable

**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:** Seepage from western face of trial pit. Slow flow rate.



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## TRIAL PIT LOG

Trial Pit No.

**TP04**

Sheet 1 of 1

<b>Client</b>	Borough of Poole	<b>Depth (m):</b>	1.00	<b>Dimensions (m):</b>	0.65 0.45	<b>Lab Ref.</b>	18-96795	<b>Hole Type</b>	TP
<b>Site</b>	Poole Park Miniature Railway					<b>Plant Used:</b>	2t Tracked Mini Excavator	<b>Scale</b>	1:10
<b>Location</b>	Whitecliff Road, Poole, BH15 2SF							<b>Logged By</b>	DW
<b>Ground Level (mAOD):</b>	1.21	<b>Co-ords:</b>	DNS			<b>Date(s)</b>	01/10/2018		

All units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Sample (Type) Depth	Testing		
							Depth	Type	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)			
	Dark brown slightly sandy pseudo-fibrous PEAT. Moderate organic odour. (Tidal Flat Deposits)	0.57 (0.64)	(0.43)			0.57 (D)			
1	End of Trial Pit at 1.000m	1.00 (0.21)				1.00			
2									

**Remarks:** Trial pit was excavated beside narrow gauge railway. Bound macadam was recorded between 0.00-0.09mbgl on northern face of trial pit. The track is bedded into granular made ground.

**Pit Stability:** Stable

**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.



## Borehole No.

# WS04

Sheet 1 of 1

**Client:** Borough of Poole

**Lab. Ref: 18-96795**

Hole Type
WLS+DP

**Contract:** Poole Park Miniature Railway

**Drilling Equipment:**  
Dando Terrier Mk1 Tracked Dynamic Percussion Rig

**Scale**  
1:25

**Location:** Whitecliff Road, Poole, BH15 2SF

**Logged By**  
DW

**Ground Level (mAOD):** 1.21

**Co-ords:** DNS

**Date(s):** 01/10/2018

<p><b>General Remarks:</b></p> <p>1. 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</p> <p>2. Sampling terminated at 2.00mbgl due to running sands. Dynamic probe testing undertaken from 2.00mbgl.</p>	<b>Groundwater Observations:</b>					
	Date	Strike	Casing	Time Elapsed	Standing	Remarks
	01-10-2018	1.08m	2.00m	20mins	0.62m	



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## TRIAL PIT LOG

Trial Pit No.

**TP05**

Sheet 1 of 1

<b>Client</b>	Borough of Poole	<b>Depth (m):</b>	1.00	<b>Dimensions (m):</b>	0.60 0.45	<b>Lab Ref.</b>	18-96795	<b>Hole Type</b>	TP
<b>Site</b>	Poole Park Miniature Railway					<b>Plant Used:</b>	2t Tracked Mini Excavator	<b>Scale</b>	1:10
<b>Location</b>	Whitecliff Road, Poole, BH15 2SF							<b>Logged By</b>	DW
<b>Ground Level (mAOD):</b>	1.18	<b>Co-ords:</b>	DNS			<b>Date(s)</b>	01/10/2018		

All units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Sample (Type) Depth	Testing		
							Depth	Type	Results
	MADE GROUND. Dark brown slightly gravelly silty fine SAND. Gravel is fine to coarse sub-angular to sub-rounded of flint and brick. Rare roots and rootlets noted.		(0.66)			0.00 (D)			
	Light grey mottled light orange clayey fine SAND. (Poole Formation)	0.66 (0.52)	(0.34)			0.66 (D)			
1	End of Trial Pit at 1.000m	1.00 (0.18)				1.00			
2									

**Remarks:** Trial pit was excavated beside narrow gauge railway. The track is bedded into granular made ground.

**Pit Stability:** Stable

**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



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# BOREHOLE LOG

## WINDOWLESS SAMPLING

Borehole No.

**WS05**

Sheet 1 of 1

**Client:** Borough of Poole

**Lab. Ref:** 18-96795

**Hole Type**  
WLS

**Contract:** Poole Park Miniature Railway

**Drilling Equipment:**  
Dando Terrier Mk1 Tracked Dynamic  
Percussion Rig

**Scale**  
1:25

**Location:** Whitecliff Road, Poole, BH15 2SF

**Logged By**  
DW

**Ground Level (mAOD):** 1.18

**Co-ords:** Not Surveyed

**Date(s):** 01/10/2018

All units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Backfill	Sample (Type) Depth	In Situ Testing			Drill Run
								Depth	Type	Results	
	Refer to TP05 Log.										
1			(1.00)								TP05
	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)	1.00 (0.18)	(0.37)					1.00	SPT(C)	N=0 (0,0/0,0,0,0)	
	Brownish grey slightly sandy clayey pseudo-fibrous PEAT. Weak organic odour. (Tidal Flat Deposits)	1.37 (-0.19)	(0.57)								(87mm dia) Rec=86%
2	Light grey slightly gravelly fine to coarse SAND. Gravel is fine to coarse sub-angular to sub-rounded of flint. (Poole Formation)	1.94 (-0.76)						2.00	SPT(C)	N=9 (0,2/2,2,3,2)	
	Soft light grey very sandy SILT. Frequent rootlets. (Poole Formation)	2.09 (-0.91)	(0.34)								
	Medium dense light grey fine to coarse SAND. (Poole Formation)	2.43 (-1.25)	(0.81)					3.00	SPT(C)	N=12 (1,0/0,3,4,5)	(87mm dia) Rec=62%
3	Soft to firm very sandy SILT. (Poole Formation)	3.24 (-2.06)	(0.37)								
	Light grey silty fine to coarse SAND. (Poole Formation)	3.61 (-2.43)	(0.39)					4.00	SPT(C)	N=19 (2,2/3,6,6,4)	(87mm dia) Rec=59%
4	End of Borehole at 4.000m	4.00 (-2.82)									
5											

### Remarks:

### Groundwater Observations:

Date	Strike	Casing	Time Elapsed	Standing	Remarks
01-10-2018	0.62m	0.00m	20mins	0.61m	

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. Chalk descriptions in accordance with CIRIA C574



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## TRIAL PIT LOG

Trial Pit No.

**TP06**

Sheet 1 of 1

<b>Client</b>	Borough of Poole	<b>Depth (m):</b>	1.00	<b>Dimensions (m):</b>	0.60 0.45	<b>Lab Ref.</b>	18-96795	<b>Hole Type</b>	TP
<b>Site</b>	Poole Park Miniature Railway					<b>Plant Used:</b>	2t Tracked Mini Excavator	<b>Scale</b>	1:10
<b>Location</b>	Whitecliff Road, Poole, BH15 2SF							<b>Logged By</b>	DW
<b>Ground Level (mAOD):</b>	1.20	<b>Co-ords:</b>	DNS			<b>Date(s)</b>	02/10/2018		

All units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Sample (Type) Depth	Testing		
							Depth	Type	Results
	MADE GROUND. Greyish brown gravelly fine to coarse SAND. Gravel is fine to coarse angular to sub-rounded of flint and clinker.					0.00 (D) 0.28			
	Light brown mottled greyish brown slightly gravelly silty fine to coarse SAND. Gravel is fine to medium angular to sub-rounded of flint. (Tidal Flat Deposits)	0.28 (0.92)	(0.45)			0.28 (D) 0.73			
	Greyish brown mottled dark grey sandy pseudo-fibrous PEAT. Weak organic odour. (Tidal Flat Deposits)	0.73 (0.47)				0.73 (D) 1.00			
1	End of Trial Pit at 1.000m	1.00 (0.20)							
2									

**Remarks:** Trial pit was excavated beside narrow gauge railway. The track is bedded into granular made ground.

**Pit Stability:** Stable

**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



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# BOREHOLE LOG

## WINDOWLESS SAMPLING

Borehole No.

**WS06**

Sheet 1 of 1

**Client:** Borough of Poole

**Lab. Ref:** 18-96795

**Hole Type**  
WLS+DP

**Contract:** Poole Park Miniature Railway

**Drilling Equipment:**  
Dando Terrier Mk1 Tracked Dynamic  
Percussion Rig

**Scale**  
1:25

**Location:** Whitecliff Road, Poole, BH15 2SF

**Logged By**  
DW

**Ground Level (mAOD):** 1.20

**Co-ords:** DNS

**Date(s):** 03/10/2018

All units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Backfill	Sample (Type) Depth	In Situ Testing			Drill Run
								Depth	Type	Results	
	Refer to TP06 Log.		(1.00)								TP06
1	Dark greyish brown sandy pseudo-fibrous PEAT. Moderate organic odour. (Tidal Flat Deposits)	1.00 (0.20)	(0.62)					1.00	SPT(C)	N=1 (0,0/0,0,0,1)	(87mm dia) Rec=81%
2	Medium dense light grey fine to coarse SAND. (Poole Formation)	1.62 (-0.42)	(1.38)					2.00	SPT(C)	N=18 (2,2/3,4,5,6)	(87mm dia) Rec=51%
3	End of Borehole at 3.000m	3.00 (-1.80)									
4											
5											

General Remarks:				Groundwater Observations:			
1. 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. Sampling terminated at 3.00mbgl due to running sands. Dynamic probe testing undertaken from 3.00mbgl.				Date	Strike	Casing	Time Elapsed
				03-10-2018	1.00m	0.00m	20mins
				Standing	Remarks		
				0.98m			



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## TRIAL PIT LOG

Trial Pit No.

**TP07**

Sheet 1 of 1

<b>Client</b>	Borough of Poole	<b>Depth (m):</b>	1.00	<b>Dimensions (m):</b>	0.70 0.45	<b>Lab Ref.</b>	18-96795	<b>Hole Type</b>	TP
<b>Site</b>	Poole Park Miniature Railway					<b>Plant Used:</b>	2t Tracked Mini Excavator	<b>Scale</b>	1:10
<b>Location</b>	Whitecliff Road, Poole, BH15 2SF							<b>Logged By</b>	DW
<b>Ground Level (mAOD):</b>	1.21	<b>Co-ords:</b>	DNS			<b>Date(s)</b>	01/10/2018		

All units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Sample (Type) Depth	Testing		
							Depth	Type	Results
	BOUND MACADAM.								
	MADE GROUND. Dark brown slightly gravelly silty fine to coarse SAND. Gravel is fine to coarse angular to sub-rounded of flint and brick.	0.08 (1.13)				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)				0.47 (D)			
	Light grey mottled dark grey clayey fine to coarse SAND. (Tidal Flat Deposits)	0.74 (0.47)				0.74 (D)			
	Dark brown mottled dark grey sandy pseudo-fibrous PEAT. Moderate organic odour. (Tidal Flat Deposits)	0.89 (0.32)				0.89 (D)			
1	End of Trial Pit at 1.000m	1.00 (0.21)				1.00			
2									

**Remarks:** Trial pit was excavated beside narrow gauge railway. The track is bedded into granular made ground and partially covered with macadam.

**Pit Stability:** Stable

**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





## Borehole No.

Sheet 1 of 1

**Lab. Ref: 18-96795**

**Drilling Equipment:**  
Dando Terrier Mk1 Tracked Dynamic  
Percussion Rig

Scale

1:25

**Logged By**  
DW

Co-ords:	DNS
----------	-----

**Date(s):** 03/10/2018

<p><b>General Remarks:</b></p> <p>1. 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</p> <p>2. Sampling terminated at 3.00mbgl due to running sands. Dynamic probe testing undertaken from 3.00mbgl.</p>	<b>Groundwater Observations:</b>					
	Date	Strike	Casing	Time Elapsed	Standing	Remarks
	03-10-2018	1.91m	2.00m	20mins	1.57m	



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## TRIAL PIT LOG

Trial Pit No.

**TP08**

Sheet 1 of 1

<b>Client</b>	Borough of Poole	<b>Depth (m):</b>	1.00	<b>Dimensions (m):</b>	0.65 0.45	<b>Lab Ref.</b>	18-96795	<b>Hole Type</b>	TP
<b>Site</b>	Poole Park Miniature Railway					<b>Plant Used:</b>	2t Tracked Mini Excavator	<b>Scale</b>	1:10
<b>Location</b>	Whitecliff Road, Poole, BH15 2SF							<b>Logged By</b>	DW
<b>Ground Level (mAOD):</b>	1.17	<b>Co-ords:</b>	DNS			<b>Date(s)</b>	01/10/2018		

All units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Sample (Type) Depth	Testing		
							Depth	Type	Results
	MADE GROUND. Dark greyish brown slightly gravelly silty fine to coarse SAND. Gravel is fine to coarse angular to sub-rounded of flint and concrete.		(0.58)			0.29 (D)			
	Brownish grey clayey organic fine to coarse SAND. (Tidal Flat Deposits)	0.58 (0.59)	(0.36)			0.58 (D)			
	Soft light grey mottled dark grey slightly sandy CLAY. (Poole Formation)	0.94 (0.23)				0.94 (D)			
1	End of Trial Pit at 1.000m	1.00 (0.17)				1.00 (D)			
2									

**Remarks:** Trial pit was excavated beside narrow gauge railway. Kerbstone recorded on southern face of trial pit between 0.05-0.29mbgl. The track is bedded into granular made ground.

**Pit Stability:** Stable

**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



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# BOREHOLE LOG

## WINDOWLESS SAMPLING

Borehole No.

**WS08**

Sheet 1 of 1

**Client:** Borough of Poole

**Lab. Ref:** 18-96795

**Hole Type**  
WLS+DP

**Contract:** Poole Park Miniature Railway

**Drilling Equipment:**  
Dando Terrier Mk1 Tracked Dynamic  
Percussion Rig

**Scale**  
1:25

**Location:** Whitecliff Road, Poole, BH15 2SF

**Logged By**  
DW

**Ground Level (mAOD):** 1.17

**Co-ords:** DNS

**Date(s):** 03/10/2018

All units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Backfill	Sample (Type) Depth	In Situ Testing			Drill Run
								Depth	Type	Results	
1	Refer to TP08 Log.		(1.00)								TP08
	Soft dark grey slightly gravelly sandy organic CLAY. Gravel is fine to medium sub-angular to sub-rounded of flint. Occasional roots and rootlets. (Tidal Flat Deposits)	1.00 (0.17)						1.00	SPT(C)	N=12 (0,0/2,3,3,4)	(87mm dia) Rec=81%
	Dark brown sandy pseudo-fibrous PEAT.	1.21 (-0.04)	(0.48)								
	Soft grey very sandy SILT. (Tidal Flat Deposits)										
	Medium dense grey fine to coarse SAND. (Tidal Flat Deposits)	1.69 (-0.52)	(0.37)								
	2	Dark brown sandy pseudo-fibrous PEAT. Weak organic odour. (Tidal Flat Deposits)	2.06 (-0.89)	(0.36)					2.00	SPT(C)	N=14 (0,0/2,4,4,4)
	Light grey mottled dark grey fine to coarse SAND. (Poole Formation)	2.42 (-1.25)	(0.58)								
3	End of Borehole at 3.000m	3.00 (-1.83)						3.00	SPT(C)	N=18 (1,1/2,5,5,6)	
4			Dynamic Probe (DPSH-B)	3.00m	2						
				3.10m	4						
				3.20m	7						
				3.30m	5						
				3.40m	3						
				3.50m	2						
				3.60m	3						
				3.70m	3						
				3.80m	6						
				3.90m	12						
				4.00m	17						
				4.10m	21						
				4.20m	24						
				4.30m	23						
				4.40m	19						
5				4.50m	15						
				4.60m	13						
				4.70m	12						
				4.80m	9						
				4.90m	8						
				Depth (m)	Blows	Blows/100mm					

### 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
- Sampling terminated at 3.00mbgl due to running sands. Dynamic probe testing undertaken from 3.00mbgl.

### Groundwater Observations:

Date	Strike	Casing	Time Elapsed	Standing	Remarks
03-10-2018	1.00m	2.00m	20mins	0.87m	



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## TRIAL PIT LOG

Trial Pit No.

**TP09**

Sheet 1 of 1

<b>Client</b>	Borough of Poole	<b>Depth (m):</b>	1.00	<b>Dimensions (m):</b>	0.65 0.45	<b>Lab Ref.</b>	18-96795	<b>Hole Type</b>	TP
<b>Site</b>	Poole Park Miniature Railway					<b>Plant Used:</b>	2t Tracked Mini Excavator	<b>Scale</b>	1:10
<b>Location</b>	Whitecliff Road, Poole, BH15 2SF							<b>Logged By</b>	DW
<b>Ground Level (mAOD):</b>	1.43	<b>Co-ords:</b>	DNS			<b>Date(s)</b>	02/10/2018		

All units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Sample (Type) Depth	Testing		
							Depth	Type	Results
	TOPSOIL. Dark brown slightly gravelly silty organic fine SAND. Gravel is fine to coarse angular to sub-rounded of flint. Frequent rootlets.		(0.39)			0.00 (D) 0.39			
	Multicoloured greyish brown, orange and dark grey silty fine SAND. (Tidal Flat Deposits)	0.39 (1.04)	(0.34)			0.39 (D) 0.73			
	Light brownish grey very sandy pseudo-fibrous PEAT. Weak organic odour. (Tidal Flat Deposits)	0.73 (0.70)			▼	0.73 (B) 1.00			
1	End of Trial Pit at 1.000m	1.00 (0.43)							
2									

**Remarks:** Trial pit was excavated beside narrow gauge railway. The track is bedded into granular topsoil.

**Pit Stability:** Stable

**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:** Seepage from southern face of trial pit. Slow flow rate



## Borehole No.

Sheet 1 of 1

**Lab. Ref: 18-96795**

**Drilling Equipment:**  
Dando Terrier Mk1 Tracked Dynamic  
Percussion Rig

**Location:** Whitecliff Road, Poole, BH15 2SF

**Ground Level (mAOD):** 1.43

**Co-ords:** DNS

**Date(s):** 04/10/2018

**Logged By**  
DW

<b>General Remarks:</b> 1. 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. Sampling terminated at 3.00mbgl due to running sands. Dynamic probe testing undertaken from 3.00mbgl.	<b>Groundwater Observations:</b>					
	Date	Strike	Casing	Time Elapsed	Standing	Remarks
	04-10-2018	0.60m	0.00m	20mins	0.54m	



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## TRIAL PIT LOG

Trial Pit No.

**TP10**

Sheet 1 of 1

<b>Client</b>	Borough of Poole	<b>Depth (m):</b>	1.00	<b>Dimensions (m):</b>	0.65 0.45	<b>Lab Ref.</b>	18-96795	<b>Hole Type</b>	TP
<b>Site</b>	Poole Park Miniature Railway					<b>Plant Used:</b>	2t Tracked Mini Excavator	<b>Scale</b>	1:10
<b>Location</b>	Whitecliff Road, Poole, BH15 2SF							<b>Logged By</b>	DW
<b>Ground Level (mAOD):</b>	1.54	<b>Co-ords:</b>	DNS			<b>Date(s)</b>	02/10/2018		

All units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Sample (Type) Depth	Testing		
							Depth	Type	Results
	BOUND MACADAM.								
	MADE GROUND. Dark greyish brown very sandy fine to medium sub-angular to sub-rounded GRAVEL of flint and limestone.	0.07 (1.47)				0.07 (D)			
	Multicoloured greyish brown, orange and dark grey silty fine SAND. Occasional pockets of firm greyish brown very sandy silt. (Tidal Flat Deposits)	0.21 (1.33)				0.21 (D)			
	Dark grey silty fine to coarse SAND. (Tidal Flat Deposits)	0.38 (1.16)				0.38 (B)			
	Firm light grey mottled orange slightly gravelly sandy SILT. Gravel is fine to coarse sub-angular to sub-rounded of flint. (Poole Formation)	0.81 (0.73)				0.81 (D)			
1	End of Trial Pit at 1.000m	1.00 (0.54)				1.00			
2									

**Remarks:** Trial pit was excavated beside narrow gauge railway. The track is bedded into granular made ground and partially covered with macadam.

**Pit Stability:** Stable

**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



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## TRIAL PIT LOG

Trial Pit No.

**TP11**

Sheet 1 of 1

<b>Client</b>	Borough of Poole	<b>Depth (m):</b>	1.00	<b>Dimensions (m):</b>	0.65 0.45	<b>Lab Ref.</b>	18-96795	<b>Hole Type</b>	TP
<b>Site</b>	Poole Park Miniature Railway					<b>Plant Used:</b>	2t Tracked Mini Excavator	<b>Scale</b>	1:10
<b>Location</b>	Whitecliff Road, Poole, BH15 2SF							<b>Logged By</b>	DW
<b>Ground Level (mAOD):</b>	1.50	<b>Co-ords:</b>	DNS			<b>Date(s)</b>	02/10/2018		

All units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Sample (Type) Depth	Testing		
							Depth	Type	Results
	TOPSOIL. Soft dark brown mottled dark grey slightly gravelly sandy SILT. Gravel is fine to coarse sub-angular to sub-rounded of flint. Frequent rootlets.					0.00 (D)			
	Dark grey slightly gravelly silty fine to coarse SAND. Gravel is fine to coarse sub-angular to sub-rounded of flint. (Tidal Flat Deposits)	0.21 (1.29)				0.21 (D)			
	Greyish brown gravelly fine to coarse SAND. Gravel is fine to coarse sub-angular to sub-rounded of flint. (Tidal Flat Deposits)	0.47 (1.03)				0.47 (B)			
			(0.53)						
1	End of Trial Pit at 1.000m	1.00 (0.50)				1.00			
2									

**Remarks:** Trial pit was excavated beside narrow gauge railway. The track is bedded into topsoil.

**Pit Stability:** Stable

**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:** Seepage from south-eastern face of trial pit. Fast flow rate.



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## TRIAL PIT LOG

Trial Pit No.

**TP12**

Sheet 1 of 1

<b>Client</b>	Borough of Poole	<b>Depth (m):</b>	1.00	<b>Dimensions (m):</b>	0.65 0.45	<b>Lab Ref.</b>	18-96795	<b>Hole Type</b>	TP
<b>Site</b>	Poole Park Miniature Railway					<b>Plant Used:</b>	2t Tracked Mini Excavator	<b>Scale</b>	1:10
<b>Location</b>	Whitecliff Road, Poole, BH15 2SF							<b>Logged By</b>	DW
<b>Ground Level (mAOD):</b>	2.15	<b>Co-ords:</b>	DNS			<b>Date(s)</b>	02/10/2018		

All units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Sample (Type) Depth	Testing		
							Depth	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.		(0.43)			0.00 (D) 0.43			
	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 (B) 1.00			
1	End of Trial Pit at 1.000m	1.00 (1.15)							
2									

**Remarks:** Trial pit was excavated beside narrow gauge railway. The track is bedded into granular topsoil.

**Pit Stability:** Stable

**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





Borehole No.  
**WS12**  
Sheet 1 of 1

**Lab. Ref: 18-96795**

**Drilling Equipment:**  
Dando Terrier Mk1 Tracked Dynamic  
Percussion Rig

**Scale**  
1:25

**Date(s):** 04/10/2018

**Logged By**  
DW

<p><b>General Remarks:</b></p> <p>1. 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</p> <p>2. Sampling terminated at 3.00mbgl due to running sands. Dynamic Probe testing undertaken from 3.00mbgl.</p>	<b>Groundwater Observations:</b>					
	Date	Strike	Casing	Time Elapsed	Standing	Remarks
	04-10-2018	1.44m	2.00m	20mins	1.12m	



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## TRIAL PIT LOG

Trial Pit No.

**TP13**

Sheet 1 of 1

<b>Client</b>	Borough of Poole	<b>Depth (m):</b>	1.00	<b>Dimensions (m):</b>	0.65 0.45	<b>Lab Ref.</b>	18-96795	<b>Hole Type</b>	TP
<b>Site</b>	Poole Park Miniature Railway					<b>Plant Used:</b>	2t Tracked Mini Excavator	<b>Scale</b>	1:10
<b>Location</b>	Whitecliff Road, Poole, BH15 2SF							<b>Logged By</b>	DW
<b>Ground Level (mAOD):</b>	1.82	<b>Co-ords:</b>	DNS			<b>Date(s)</b>	02/10/2018		

All units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Sample (Type) Depth	Testing		
							Depth	Type	Results
	MADE GROUND. Multicoloured dark grey, dark brown and orange very gravelly fine to coarse SAND. Gravel is fine to coarse angular to sub-rounded of flint and brick. Occasional angular to sub-angular limestone boulders and rootlets.		(0.64)			0.00 (D) 0.64			
	Light greyish brown mottled dark grey silty fine SAND. (Tidal Flat Deposits)	0.64 (1.18)	(0.36)			0.64 (B) 1.00			
1	End of Trial Pit at 1.000m	1.00 (0.82)							
2									

**Remarks:** Trial pit was excavated beside narrow gauge railway. The track is bedded into granular made ground.

**Pit Stability:** Stable

**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



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# BOREHOLE LOG

## WINDOWLESS SAMPLING

Borehole No.

**WS13**

Sheet 1 of 1

**Client:** Borough of Poole

**Lab. Ref:** 18-96795

**Hole Type**  
WLS+DP

**Contract:** Poole Park Miniature Railway

**Drilling Equipment:**  
Dando Terrier Mk1 Tracked Dynamic  
Percussion Rig

**Scale**  
1:25

**Location:** Whitecliff Road, Poole, BH15 2SF

**Logged By**  
DW

**Ground Level (mAOD):** 2.15

**Co-ords:** DNS

**Date(s):** 04/10/2018

All units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Backfill	Sample (Type) Depth	In Situ Testing			Drill Run			
								Depth	Type	Results				
	Refer to TP13 Log.		(1.00)								TP13			
1	Medium dense greyish brown mottled dark grey slightly gravelly fine to coarse SAND. Gravel is fine to coarse sub-angular to sub-rounded of flint. (Tidal Flat Deposits)	1.00 (1.15)	(0.78)					1.00	SPT(C)	N=21 (1,3/4,5,6,6)	(87mm dia) Rec=99%			
	Medium dense light grey fine to coarse SAND. (Poole Formation)	1.78 (0.37)												
2	End of Borehole at 2.000m	2.00 (0.15)						2.00	SPT(C)	N=22 (1,2/4,6,6,6)				
3			Dynamic Probe (DPSH-B)	2.00m	0									
				2.10m	0									
				2.20m	1									
				2.30m	0									
				2.40m	1									
				2.50m	2									
				2.60m	4									
				2.70m	3									
				2.80m	4									
				2.90m	10									
				3.00m	12									
				3.10m	10									
				3.20m	9									
				3.30m	8									
				3.40m	9									
				3.50m	8									
				3.60m	6									
				3.70m	9									
				3.80m	7									
4				3.90m	8									
				4.00m	8									
				4.10m	6									
				4.20m	5									
				4.30m	2									
				4.40m	1									
				4.50m	4									
				4.60m	12									
				4.70m	11									
				4.80m	10									
5	4.90m	10												
				Depth (m)	Blows	Blows/100mm								

### 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
- Sampling terminated at 2.00mbgl due to running sands. Dynamic probe testing undertaken from 2.00mbgl.

### Groundwater Observations:

Date	Strike	Casing	Time Elapsed	Standing	Remarks
04-10-2018	1.00m	0.00m	20mins	0.99m	



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## TRIAL PIT LOG

Trial Pit No.

**TP14**

Sheet 1 of 1

<b>Client</b>	Borough of Poole	<b>Depth (m):</b>	1.00	<b>Dimensions (m):</b>	0.65 0.45	<b>Lab Ref.</b>	18-96795	<b>Hole Type</b>	TP
<b>Site</b>	Poole Park Miniature Railway					<b>Plant Used:</b>	2t Tracked Mini Excavator	<b>Scale</b>	1:10
<b>Location</b>	Whitecliff Road, Poole, BH15 2SF							<b>Logged By</b>	DW
<b>Ground Level (mAOD):</b>	1.52	<b>Co-ords:</b>	DNS			<b>Date(s)</b>	02/10/2018		

All units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Sample (Type) Depth	Testing		
							Depth	Type	Results
1	MADE GROUND. Orange very sandy fine to coarse sub-angular to rounded GRAVEL of flint.	0.03 (1.49)				0.03			
	MADE GROUND. Greyish brown slightly gravelly silty fine SAND. Gravel is fine to coarse angular to sub-rounded of flint.	0.15 (1.37)				0.15			
	MADE GROUND. Dark grey slightly sandy fine to medium angular to sub-rounded GRAVEL of flint and clinker. Frequent angular brick cobbles and occasional metal fragments.		(0.45)						
	Dark grey mottled dark brown sandy pseudo-fibrous PEAT. Weak organic odour. (Tidal Flat Deposits)	0.60 (0.92)				0.60			
	Light grey mottled dark grey silty fine to coarse SAND. (Poole Formation)	0.94 (0.58)				0.94			
	End of Trial Pit at 1.000m	1.00 (0.52)				1.00			
2									

**Remarks:** Trial pit was excavated beside narrow gauge railway. The track is bedded into granular made ground.

**Pit Stability:** Stable

**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



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# BOREHOLE LOG

## WINDOWLESS SAMPLING

Borehole No.

**WS14**

Sheet 1 of 1

**Client:** Borough of Poole

**Lab. Ref:** 18-96795

**Hole Type**  
WLS

**Contract:** Poole Park Miniature Railway

**Drilling Equipment:**  
Dando Terrier Mk1 Tracked Dynamic  
Percussion Rig

**Scale**  
1:25

**Location:** Whitecliff Road, Poole, BH15 2SF

**Logged By**  
DW

**Ground Level (mAOD):** 1.43

**Co-ords:** Not Surveyed

**Date(s):** 04/10/2018

All units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Backfill	Sample (Type) Depth	In Situ Testing			Drill Run
								Depth	Type	Results	
	Refer to TP14 Log		(1.00)								TP14
1	Medium dense light greyish brown mottled dark grey silty fine SAND. (Tidal Flat Deposits)	1.00 (0.43)						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)									
	Loose to very loose light grey fine to coarse SAND. (Poole Formation)	1.33 (0.10)									(87mm dia) Rec=97%
2			(1.04)					2.00	SPT(C)	N=0 (0,0/0,0,0,0)	
	Very soft to soft light grey mottled brown very sandy organic SILT. Weak organic odour. (Poole Formation)	2.37 (-0.94)									(87mm dia) Rec=69%
3			(1.04)					3.00	SPT(C)	N=10 (2,1/1,2,2,5)	
	Medium dense light grey silty fine SAND. (Poole Formation)	3.41 (-1.98)									(87mm dia) Rec=91%
4			(0.59)					4.00	SPT(C)	N=30 (2,4/6,7,8,9)	
	End of Borehole at 4.000m	4.00 (-2.57)									
5											

### Remarks:

### Groundwater Observations:

Date	Strike	Casing	Time Elapsed	Standing	Remarks
04-10-2018	1.00m	0.00m	20mins	0.98m	

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. Chalk descriptions in accordance with CIRIA C574



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# TRIAL PIT LOG

Trial Pit No.

**TP15**

Sheet 1 of 1

<b>Client</b>	Borough of Poole	<b>Depth (m):</b>	1.00	<b>Dimensions (m):</b>	0.65 0.45	<b>Lab Ref.</b>	18-96795	<b>Hole Type</b>	TP
<b>Site</b>	Poole Park Miniature Railway					<b>Plant Used:</b>	2t Tracked Miniature Excavator	<b>Scale</b>	1:10
<b>Location</b>	Whitecliff Road, Poole, BH15 2SF							<b>Logged By</b>	DW
<b>Ground Level (mAOD):</b>	1.19	<b>Co-ords:</b>	DNS			<b>Date(s)</b>	02/10/2018		

All units = (m)	Stratum Description	Depth (Level)	Thickness	Legend	Water Strikes	Sample (Type) Depth	Testing		
							Depth	Type	Results
	MADE GROUND. Brownish orange very sandy fine to coarse sub-angular to sub-rounded GRAVEL of flint.					0.03 (D)			
	MADE GROUND. Dark grey slightly sandy fine to medium angular to sub-rounded GRAVEL of flint, brick and clinker.	0.17 (1.02)				0.17 (D)			
	MADE GROUND. Orangish brown very sandy fine to coarse sub-angular to sub-rounded GRAVEL of flint.	0.35 (0.84)				0.35 (D)			
	Dark grey mottled brown slightly gravelly silty fine SAND. Gravel is fine to coarse angular to sub-rounded of flint. (Tidal Flat Deposits)	0.47 (0.72)				0.47 (D)			
	Light grey mottled dark grey silty fine to coarse SAND. (Poole Formation)	0.67 (0.52)				0.67 (B)			
1	End of Trial Pit at 1.000m	1.00 (0.19)	(0.33)		▼	1.00			
2									


**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.

**Pit Stability:** Stable

**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:**

<div></div> <div>ACS Testing Ltd Tel: 01202 622858 Fax: 01202 625045 Email: testing@acstesting.co.uk www.acstesting.co.uk</div>				<div>BOREHOLE LOG</div> <div>WINDOWLESS SAMPLING</div>				<div>Borehole No.</div> <div>WS15</div> <div>Sheet 1 of 1</div>					
<div>Client:</div> <div>Borough of Poole</div>				<div>Lab. Ref:</div> <div>18-96795</div>				<div>Hole Type</div> <div>WLS+DP</div>					
<div>Contract:</div> <div>Poole Park Miniature Railway</div>				<div>Drilling Equipment:</div> <div>Dando Terrier Mk1 Tracked Dynamic Percussion Rig</div>				<div>Scale</div> <div>1:25</div>					
<div>Location:</div> <div>Whitecliff Road, Poole, BH15 2SF</div>								<div>Logged By</div> <div>DW</div>					
<div>Ground Level (mAOD):</div> <div>1.19</div>		<div>Co-ords:</div> <div>DNS</div>		<div>Date(s):</div> <div>05/10/2018</div>									
<div>All units = (m)</div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div>	<div>Stratum Description</div>		<div>Depth (Level)</div>	<div>Thickness</div>	<div>Legend</div>	<div>Water Strikes</div>	<div>Backfill</div>	<div>Sample (Type) Depth</div>	<div>In Situ Testing</div>		<div>Drill Run</div>		
									<div>Depth</div>	<div>Type</div>	<div>Results</div>		
	MADE GROUND. Dark brown slightly gravelly silty fine SAND. Gravel is fine to medium sub-angular to sub-rounded of flint. Frequent wood fragments.		0.12 (1.07)										
	MADE GROUND. Soft greyish brown slightly gravelly sandy SILT. Gravel is fine to medium sub-angular to sub-rounded of flint.		0.34 (0.85)										
	MADE GROUND. Greyish brown slightly sandy silty fine to coarse sub-angular to sub-rounded GRAVEL of flint and brick.			(0.43)									Hand Dug Pit
	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)							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)										
	Loose light grey mottled dark grey fine to coarse SAND. (Poole Formation)		1.36 (-0.17)										(87mm dia) Rec=95%
	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)	
	Very soft to soft light grey very sandy SILT. (Poole Formation)		2.57 (-1.38)										(87mm dia) Rec=100%
	End of Borehole at 3.000m		3.00 (-1.81)							3.00	SPT(C)	N=14 (0,0/1,4,5,4)	