

**Borehole No.: BH1**

Site Name: Biggins Wood, Folkestone, Kent

Job No.: LW21271

Start Date: 24/09/2010

End Date: 24/09/2010

Standpipe Installation	Samples and Testing					Strata				
	Sample Type	Depths		U100 Blows / SPT 'N'	SPT vs Depth			Legend	Depth / Reduced Level	Strata Descriptions
		From (m)	To (m)		N 10 , 30 , 50 ,					
									0.00	Ground Level
<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	J	0.05								Firm to stiff green brown fissured CLAY with occasional blue grey partings and shell fragments. (Gault Formation)
	D	0.30								
	J D	0.50								
	J	0.80								
	D	1.00								
	U	1.20	1.65	35						
	D	1.75							2.00	
	U	2.00	2.45	36						Very stiff/ hard grey blue fissured silty CLAY with occasional orange brown mottling and many shell fragments. (Gault Formation)
	D	2.75								
	U	3.00	3.45	40						
	D	3.75								<b>DRAFT</b>
	U	4.00	4.45	45						
	D	4.75								
U	5.00	5.45	50					5.00		
									Hard grey fissured silty CLAY with occasional orange brown staining on fissures and occasional shells. (Gault Formation)	
D	5.75									
U	6.00	6.45	60							
D	6.75									
U	7.00	7.45	55							
D	7.75									
U	8.00	8.45	55							
D	8.75									
U	9.00	9.45	55							
D	9.75									

**Remarks:**

Borehole cased to 1.8m depth.

Borehole dry on completion.

Excavation Method: Cable Percussion

Borehole Diameter: 150mm

Casing Diameter: 150mm

Made By: MA

# ASHDOWN SITE INVESTIGATION

## L · I · M · I · T · E · D

GEOTECHNICAL AND ENVIRONMENTAL  
ENGINEERS  
Swanborough Farm  
Swanborough  
Lewes, East Sussex  
BN7 3PF

Borehole No.: BH1

Site Name: Biggins Wood, Folkestone, Kent

Job No.: LW21271

Start Date: 24/09/2010

End Date: 24/09/2010

Standpipe Installation	Samples and Testing						Strata	
	Sample Type	Depths		U100 Blows / SPT 'N'	SPT vs Depth			Strata Descriptions
		From (m)	To (m)		10	30	50	
	U	10.00	10.45	55				Hard grey fissured silty CLAY with occasional orange brown staining on fissures and occasional shells. (Gault Formation)
	D	10.75						
	U	11.00	11.45	50				
	D	11.75						
	U	12.00	12.45	60				
	D	12.75						
	U	13.00	13.45	50				
	D	13.75						
	U	14.00	14.45	60				
	D	14.75						
	U	15.00	15.45	60				
	D	15.45						
								15.45
								End of Borehole

DRAFT

Remarks:

Excavation Method: Cable Percussion

Borehole Diameter: 150mm

Casing Diameter: 150mm

Made By: MA

# ASHDOWN SITE INVESTIGATION

## L · I · M · I · T · E · D

GEOTECHNICAL AND ENVIRONMENTAL ENGINEERS  
Swanborough Farm  
Swanborough  
Lewes, East Sussex  
BN7 3PF

Borehole No.: BH2

Site Name: Biggins Wood, Folkestone, Kent

Job No.: LW21271

Start Date: 20/09/2010

End Date: 21/09/2010

Standpipe Installation	Samples and Testing					Strata			
	Sample Type	Depths		U100 Blows / SPT 'N'	SPT vs Depth N 10 , 30 , 50 ,	Legend	Depth / Reduced Level	Strata Descriptions	
		From (m)	To (m)						
							0.00	Ground Level	
	D	0.30						MADE GROUND: Blue grey and brown clay with occasional fine to medium gravel of brick, chalk, flint and organic matter.	
	D	0.50					1.00		
	D	1.00						MADE GROUND: Relic topsoil and blue grey green silty clay with much organic matter and occasional fine gravel of brick and flint.	
	U	1.20	1.65	25					
	D	1.75							
	U	2.00	2.45	25					
	D	2.75						2.80	with some fine to coarse gravel of chalk, clinker, flint and some dark orange brown staining below 2.7m depth.
	D S	3.00	3.45	4	•				MADE GROUND: Red, grey and brown silty clayey fine to coarse sand and gravel of brick, clay tile, concrete and clinker.
									<b>DRAFT</b>
	D S	4.00	4.45	7	•			4.50	
	U	4.50	5.00	25					Firm to stiff blue grey and occasionally orange brown mottled silty CLAY with an organic odour. (Possible Reworked/ Gault Formation)
	D	5.25							
	D S	5.50	5.95	9	•			6.00	Very stiff/ hard grey blue fissured silty CLAY with orange brown staining on fissures and occasional shells and selenite crystals. (Gault Formation)  becoming dark grey blue below 9.0m depth.
	U	6.50	6.95	35					
D	7.50								
U	8.00	8.45	35						
D	9.00								
U	9.50	9.95	36						

### Remarks:

Borehole cased to 6.0m depth.

Borehole dry on completion.

Excavation Method: Cable Percussion

Borehole Diameter: 150mm

Casing Diameter: 150mm

Made By: MA

# **ASHDOWN SITE INVESTIGATION** **L · I · M · I · T · E · D**

GEOTECHNICAL AND ENVIRONMENTAL  
ENGINEERS  
Swanborough Farm  
Swanborough  
Lewes, East Sussex  
BN7 3PF

**Borehole No.: BH2**

Site Name: Biggins Wood, Folkestone, Kent

Job No.: LW21271

Start Date: 20/09/2010

End Date: 21/09/2010

Standpipe Installation	Samples and Testing						Strata			
	Sample Type	Depths		U100 Blows / SPT 'N'	SPT vs Depth			Legend	Depth / Reduced Level	Strata Descriptions
		From (m)	To (m)		N 10 30 50					
<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><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**DRAFT**

Remarks:

Excavation Method: Cable Percussion

Borehole Diameter: 150mm

Casing Diameter: 150mm

Made By: MA

# ASHDOWN SITE INVESTIGATION

L · I · M · I · T · E · D

GEOTECHNICAL AND ENVIRONMENTAL  
ENGINEERS  
Swanborough Farm  
Swanborough  
Lewes, East Sussex  
BN7 3PF

Borehole No.: BH3

Site Name: Biggins Wood, Folkestone, Kent

Job No.: LW21271

Start Date: 23/09/2010

End Date: 23/09/2010

Standpipe Installation	Samples and Testing					Strata		
	Sample Type	Depths		U100 Blows / SPT 'N'	SPT vs Depth N 10 , 30 , 50 ,	Legend	Depth / Reduced Level	Strata Descriptions
		From (m)	To (m)					
							0.00	Ground Level
	D	0.30						MADE GROUND: Green and brown silty clay (relic topsoil) with occasional fine gravel of brick, flint and much organic matter.
	D	0.50						
	D	1.00					1.00	Firm to stiff green brown silty CLAY. (Gault Formation)
	U	1.20	1.65	35				
	D	1.75						becoming stiff to very stiff blue grey and green grey fissured with pockets of silt nodules below 1.7m depth.
	U	2.00	2.45	35			2.50	
	D	2.75						Very stiff blue grey fissured silty CLAY with orange brown and green staining on fissures and occasional shell fragments and selenite crystals. (Gault Formation)
	U	3.00	3.45	40				
	D	3.75						DRAFT
	U	4.00	4.45	40				
	D	4.75						DRAFT
	U	5.00	5.45	45				
	D	5.75						DRAFT
	U	6.00	6.45	46				
	D	6.75						DRAFT
	U	7.00	7.45	50				
	D	7.75					8.00	Hard dark grey fissured silty CLAY with occasional shell fragments. (Gault Formation)
	U	8.00	8.45	50				
	D	8.75						DRAFT
	U	9.00	9.45	50				
	D	9.75						DRAFT

## Remarks:

Borehole cased to 1.8m depth.

Borehole dry on completion.

Excavation Method: Cable Percussion

Borehole Diameter: 150mm

Casing Diameter: 150mm

Made By: MA

Remarks:	Excavation Method: Cable Percussion
	Borehole Diameter: 150mm
	Casing Diameter: 150mm
	Made By: MA

# ASHDOWN SITE INVESTIGATION

**L · I · M · I · T · E · D**  
GEOTECHNICAL AND ENVIRONMENTAL  
ENGINEERS  
Swanborough Farm  
Swanborough  
Lewes, East Sussex  
BN7 3PF

**Borehole No.: BH4**

Site Name: Biggins Wood, Folkestone, Kent

Job No.: LW21271

Start Date: 22/09/2010

End Date: 23/09/2010

Standpipe Installation	Samples and Testing					Strata		
	Sample Type	Depths		U100 Blows / SPT 'N'	SPT vs Depth N 10 30 50	Legend	Depth / Reduced Level	Strata Descriptions
		From (m)	To (m)					
							0.00	Ground Level
	D	0.30						MADE GROUND: Brown silty sandy (fine to coarse) clay and fine to coarse gravel of clinker, brick, sandstone, flint, concrete and occasional fragments of metal.
	D	0.50						
	D	1.00						
	D S	1.20	1.65	11				
							1.80	MADE GROUND: Green brown and dark grey mottled silty very sandy (fine to medium) clay with occasional to some fine to coarse gravel of brick and crystalline rock, a trace of glass and an alluvial odour.
	D S	2.00	2.45	6				
							2.60	Firm to stiff grey and orange brown mottled fissured silty CLAY with occasional shell fragments. (Gault Formation)
	U	3.00	3.45	40				
							4.00	Very stiff/ hard grey blue fissured silty CLAY with orange brown staining on fissures and occasional shell fragments and selenite crystals. (Gault Formation)
	D	3.75						
	U	4.00	4.45	35				
	D	4.75						
	U	5.00	5.45	40				
	D	5.75						Hard dark grey fissured silty CLAY with shell fragments. (Gault Formation)
	U	6.00	6.45	40				
	D	6.75						
	U	7.00	7.45	40				
	D	7.75						
	U	8.00	8.45	40				
							8.50	
	D	8.75						
	U	9.00	9.45	45				
	D	9.75						

**DRAFT**

## Remarks:

Borehole cased to 1.8m depth.

Borehole dry on completion.

Excavation Method: Cable Percussion

Borehole Diameter: 150mm

Casing Diameter: 150mm

Made By: MA

ASHDOWN SITE INVESTIGATION L.I.M.I.T.E.D. GEOTECHNICAL AND ENVIRONMENTAL ENGINEERS Swanborough Farm Swanborough Lewes, East Sussex BN7 3PF						Borehole No.: BH4								
						Site Name: Biggins Wood, Folkestone, Kent								
						Job No.: LW21271								
						Start Date: 22/09/2010				End Date: 23/09/2010				
Standpipe Installation	Samples and Testing						Strata							
	Sample Type	Depths		U100 Blows / SPT 'N'	SPT vs Depth			Legend	Depth / Reduced Level	Strata Descriptions				
		From (m)	To (m)		N	10	30						50	
	U D	10.00 10.45	10.45	50							10.45	Hard dark grey fissured silty CLAY with shell fragments. (Gault Formation)  End of Borehole		
												<b>DRAFT</b>		
Remarks:											Excavation Method: Cable Percussion			
											Borehole Diameter: 150mm			
											Casing Diameter: 150mm			
											Made By: MA			



# ASHDOWN SITE INVESTIGATION

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Lewes, East Sussex  
BN7 3PF

Borehole No.: BH5

Site Name: Biggins Wood, Folkestone, Kent

Job No.: LW21271

Start Date: 23/09/2010

End Date: 23/09/2010

Standpipe Installation	Samples and Testing					Strata				
	Sample Type	Depths		U100 Blows / SPT 'N'	SPT vs Depth			Legend	Depth / Reduced Level	Strata Descriptions
		From (m)	To (m)		N 10 30 50					
									0.00	Ground Level
	D	0.30								Very stiff blue grey and occasionally orange brown mottled fissured slightly gravelly silty CLAY. Gravel is fine flint and mudstone. (Gault Formation)  <

### Remarks:

Borehole cased to 1.8m depth.

Borehole dry and stable on completion.

Excavation Method: Cable Percussion

Borehole Diameter: 150mm

Casing Diameter: 150mm

Made By: MA

**GEOTECHNICAL AND ENVIRONMENTAL  
ENGINEERS**  
Swanborough Farm  
Swanborough  
Lewes, East Sussex  
BN7 3PF

End Date: 23/09/2010

**DRAFT**

Made By: MA

# ASHDOWN SITE INVESTIGATION

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Lewes, East Sussex  
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**Borehole No.: BH6**

Site Name: Biggins Wood, Folkestone, Kent

Job No.: LW21271

Start Date: 21/09/2010

End Date: 22/09/2010

Standpipe Installation	Samples and Testing					Strata		
	Sample Type	Depths		U100 Blows / SPT 'N'	SPT vs Depth N 10 , 30 , 50 ,	Legend	Depth / Reduced Level	Strata Descriptions
		From (m)	To (m)					
							0.00	Ground Level
	D	0.30						MADE GROUND: Green grey silty clay with much orange brown silty sandy (fine to coarse) fine to coarse gravel of brick, clinker, flint, chalk and occasional fragments of metal.
	D	0.50						
	D	1.00					1.20	MADE GROUND: Dark grey clayey silty sandy (fine to coarse) fine to coarse gravel of clinker, brick, flint and concrete with a hydrocarbon odour.
	D S	1.20	1.65	8				
	D S	2.00	2.45	9				MADE GROUND: Black silty sandy (fine to coarse) fine to coarse gravel of brick, flint and clinker.  becoming slightly clayey below 4.0m depth.
	W	2.80					3.00	
	D S	3.00	3.45	10				MADE GROUND: Black silty sandy (fine to coarse) fine to coarse gravel of brick, flint and clinker.  becoming slightly clayey below 4.0m depth.  with an alluvial / slight hydrocarbon odour at 5.0m depth.
	D S	4.00	4.45	7				
	D S	5.00	5.45	5			5.20	Firm blue grey and green brown slightly gravelly silty CLAY with an alluvial odour. Gravel is fine siltstone. (Possible Reworked/ Gault Formation)
	D S	6.00	6.45	5				
	D S	7.00	7.45	6				Hard blue grey fissured silty CLAY with some shell fragments and selenite crystals. (Gault Formation)
	U	8.00	8.45	35			7.90	
	D	8.75						
	U	9.00	9.45	40				
	D	9.75						

**DRAFT**

## Remarks:

Borehole cased to 3.0m depth.

Groudwater encountered at 3.1m depth; rising to 2.8m in 30 minutes. Standing water level at 2.8m on completion of borehole.

Chiselling techniques used to advance borehole through hard stratum between 4.0m and 5.5m for 1 hour.

Excavation Method: Cable Percussion

Borehole Diameter: 150mm

Casing Diameter: 150mm

Made By: MA

**Borehole No.: BH6**

Site Name: Biggins Wood, Folkestone, Kent

Job No.: LW21271

Start Date: 21/09/2010

End Date: 22/09/2010

Standpipe Installation	Samples and Testing					Strata					
	Sample Type	Depths		U100 Blows / SPT 'N'	SPT vs Depth			Legend	Depth / Reduced Level	Strata Descriptions	
		From (m)	To (m)		N 10 , 30 , 50 ,						
	U	10.00	10.45	50						Hard blue grey fissured silty CLAY with some shell fragments and selenite crystals. (Gault Formation)	
	D	10.75									
	U	11.00	11.45	50							
	D	11.75									
	U	12.00	12.45	50							
	D	12.75									
	U	13.00	13.45	50						DRAFT	
	D	13.75									
	U	14.00	14.45	50							
	D	14.75									
	U	15.00	15.45	50							
	D	15.45									
										14.00	Hard blue grey fissured very sandy CLAY. Sand is fine to coarse. (Gault Formation)
											End of Borehole

**DRAFT**

Remarks:

Excavation Method: Cable Percussion

Borehole Diameter: 150mm

Casing Diameter: 150mm

Made By: MA

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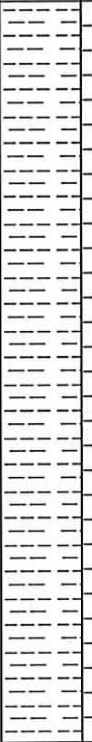
**Borehole No.: WS1**

Site Name: Biggins Wood, Folkestone, Kent

Job No.: LW21271

Start Date: 22.09.2010

End Date: 22.09.2010

Standpipe Installation	Samples and Testing				Strata				
	Sample Type	Depths		Vane/ Pen Test N Value	Legend	Depth / Reduced Level	Strata Descriptions		
		From (m)	To (m)						
						0.00	Ground Level		
	J	0.05					Topsoil (20mm) over, Very stiff blue grey and occasional orange brown mottled CLAY. (Gault Formation)  becoming fissured below 0.70m depth.  with crystals of selenite below 1.0m depth.  <b>DRAFT</b>  becoming weak mudstone between 2.40m and 2.75m depth.		
	DH	0.30		195					
	JDH	0.50		250					
	DH	1.00		115					
	V	1.10		>130					
	DH	1.50		140					
	J	1.60							
	DH	2.00		170					
	V	2.10		>130					
	DH	2.50		195					
	J	2.80							
	D	2.90							
	H	3.00		195					
	V	3.10		>130				3.00	End of Borehole

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End Date: 22.09.2010

**DRAFT**

**ENGINEERS**  
Swanborough Farm  
Swanborough  
Lewes, East Sussex  
BN7 3PF

End Date: 22.09.2010

DRAFT

Made By: SG

# ASHDOWN SITE INVESTIGATION

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**Borehole No.: WS4**

Site Name: Biggins Wood, Folkestone, Kent

Job No.: LW21271

Start Date: 20.09.2010

End Date: 20.09.2010

Standpipe Installation	Samples and Testing				Strata		
	Sample Type	Depths		Vane/ Pen Test N Value	Legend	Depth / Reduced Level	Strata Descriptions
		From (m)	To (m)				
						0.00	Ground Level
	J	0.05					Stiff brown and dark grey mottled slightly gravelly CLAY. Gravel is flint. (Weathered Gault Formation)
	D	0.30					
	J H	0.50					
	D	0.60					
	D H	1.00		115		1.10	Stiff dark grey with a little brown mottling slightly gravelly CLAY. Gravel is fine mudstone/ siltstone. (Gault Formation)  becoming fissured with some shell fragments below 1.60m depth.
	V	1.10		110			
	J H	1.50		210			
	D	1.90					
	H	2.00		140		2.00	End of Borehole
	V	2.10		>130			

**DRAFT**

**Remarks:**

Borehole remained dry and stable on completion.

Excavation Method: Dynamic Sampler

Borehole Diameter: Various

Made By: SG



**Borehole No.: WS5**

Site Name: Biggins Wood, Folkestone, Kent

Job No.: LW21271

Start Date: 20.09.2010

End Date: 20.09.2010

Standpipe Installation	Samples and Testing				Strata		
	Sample Type	Depths		Vane/ Pen Test N Value	Legend	Depth / Reduced Level	Strata Descriptions
		From (m)	To (m)				
						0.00	Ground Level
	J	0.05					MADE GROUND: Grey brown clay with a little fine gravel of flint and charcoal. With heavy hydrocarbon staining and odours. becoming orange brown and occasionally dark brown grey mottled slightly sandy with occasional ash below 0.30m depth.
	D	0.40		>250			
	J H	0.50					
	D	0.80					becoming very sandy with occasional fragments of cables below 1.15m depth.
	H	1.00		90			
	J	1.25				1.40	
	J D H	1.50		90			Stiff blue grey and occasional orange brown mottled CLAY. With a little rootlets. (Gault Formation)  with a slight hydrocarbon odour and hydrocarbon staining to 2.0m depth.
	D H	2.00		90			
	V	2.10		120			
	J H	2.50		140			
	D	2.90				3.00	
							End of Borehole

**DRAFT**

**Remarks:**

Borehole remained dry and stable on completion.

Standpipe installed to 3.0m depth; 3.0m to 1.0m slotted pipe with gravel surround; 1.0m to ground level plain pipe with bentonite seal; completed with gas tap and security cover concreted in flush with the ground surface.

Excavation Method: Dynamic Sampler

Borehole Diameter: Various

Made By: SG

# ASHDOWN SITE INVESTIGATION

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Borehole No.: WS6

Site Name: Biggins Wood, Folkestone, Kent

Job No.: LW21271

Start Date: 21.09.2010

End Date: 21.09.2010

Standpipe Installation	Samples and Testing				Strata	
	Sample Type	Depths		Vane/ Pen Test N Value	Legend	Strata Descriptions
		From (m)	To (m)			
					0.00	Ground Level
	J	0.05				MADE GROUND: Brown clay with much fine to coarse gravel of brick, flint, concrete and chalk. With heavy hydrocarbon staining.  becoming slightly gravelly between 0.60m and 0.90m depth.
	D	0.30				
	J D	0.50				
	H	0.70		130		
	J V	1.00		>130		
	J	1.50				Firm blue grey and occasional orange brown mottled CLAY. (Gault Formation) becoming stiff to very stiff below 2.0m depth.  becoming fissured below 2.40m depth.
	H	1.90		75		
	D	2.00		>130		
	V	2.10				
	H	2.40		100		
	J D	2.50				End of Borehole
	D H	2.90		140		
	V	3.10		>130		

## Remarks:

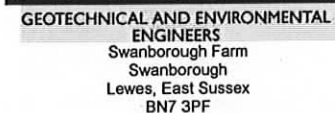
Borehole remained dry and stable on completion.

Standpipe installed to 3.0m depth; 3.0m to 1.0m slotted pipe with gravel surround; 1.0m to ground level plain pipe with bentonite seal; completed with gas tap and security cover concreted in flush with the ground surface.

Excavation Method: Dynamic Sampler

Borehole Diameter: Various

Made By: SG



Site Name: Biggins Wood, Folkestone, Kent

Job No.: LW21271

Start Date: 20.09.2010

End Date: 20.09.2010

**DRAFT**

Borehole remained dry and stable on completion.

Excavation Method: Dynamic Sampler

Borehole Diameter: Various

Made By: SG

**Borehole No.: WS8**

Site Name: Biggins Wood, Folkestone, Kent

Job No.: LW21271

Start Date: 20.09.2010

End Date: 20.09.2010

Standpipe Installation	Samples and Testing				Strata		
	Sample Type	Depths		Vane/ Pen Test N Value	Legend	Depth / Reduced Level	Strata Descriptions
		From (m)	To (m)				
						0.00	Ground Level
	J	0.05					Stiff blue grey, orange brown and dark grey mottled fissured CLAY with a little rootlets. (Gault Formation)  becoming very stiff brown and grey mottled with some fine to medium gravel of weak mudstone and occasional shell fragments below 0.90m depth.  <b>DRAFT</b>
	D H	0.30		100			
	J D H	0.50		170			
	D H	1.00		170			
	V	1.10		>130			
	J H	1.50		195			
	D H	2.00		225			
	V	2.10		>130			
	J H	2.50		170			
	D	2.90					
	H	3.00		170		3.00	
							End of Borehole

**Remarks:**

Borehole remained dry and stable on completion.

Standpipe installed to 3.0m depth; 3.0m to 1.0m slotted pipe with gravel surround; 1.0m to ground level plain pipe with bentonite seal; completed with gas tap and security cover concreted in flush with the ground surface.

Excavation Method: Dynamic Sampler

Borehole Diameter: Various

Made By: SG

# ASHDOWN SITE INVESTIGATION

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
Borehole No.: WS9

Site Name: Biggins Wood, Folkestone, Kent

Job No.: LW21271

Start Date: 20.09.2010

End Date: 20.09.2010

Standpipe Installation	Samples and Testing				Strata		
	Sample Type	Depths		Vane/ Pen Test N Value	Legend	Depth / Reduced Level	Strata Descriptions
		From (m)	To (m)				
						0.00	Ground Level
	J	0.05					Topsoil with much fine to coarse gravel of brick, flint and clinker.
	D	0.40					
	J	0.50				0.80	
	D	0.80		235			Very stiff dark grey brown slightly gravelly CLAY. Gravel is mudstone/ siltstone. (Gault Formation)
	H	1.00				1.00	
							End of Borehole

DRAFT

## Remarks:

Borehole remained dry and stable on completion.

Excavation Method: Dynamic Sampler

Borehole Diameter: Various

Made By: SG

# **ASHDOWN SITE INVESTIGATION** **L · I · M · I · T · E · D**

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**Borehole No.: WS10**

Site Name: Biggins Wood, Folkestone, Kent

Job No.: LW21271

Start Date: 20.09.2010

End Date: 20.09.2010

Standpipe Installation	Samples and Testing					Strata		
	Sample Type	Depths		Vane/ Pen Test N Value	DPSH Profile Blows/100mm 5 , 15 , 25	Legend	Depth / Reduced Level	Strata Descriptions
		From (m)	To (m)					
							0.00	Ground Level
							0.10	Topsoil.
	J	0.05					0.20	MADE GROUND: Light brown clay with a little fine gravel of brick, clinker and a little roots and rootlets.
	D	0.15					0.30	
							0.40	MADE GROUND: Gravel of ash and brick.
	J D	0.50						MADE GROUND: Concrete with clinker at the base.
								MADE GROUND: Orange brown sand with much fine to coarse gravel of brick, flint, concrete and clinker. becoming dark green stained with a slight hydrocarbon odour and a little fine gravel of brick and concrete below 0.70m depth. with heavy hydrocarbon staining between 1.0m and 1.30m depth.
	J D	1.00						
	J D	1.50						with a cobble of brick at 1.50m depth.
	D	1.90						
	J	2.10						
	J	3.10						becoming light grey green below 3.0m depth.
	D	3.50						
	J	4.10						becoming black sandy fine to coarse gravel of flint and clinker below 4.0m depth.
							5.00	

**DRAFT**

## **Remarks:**

Groundwater seepage at 2.0m depth.  
Standing water depth at 2.2m depth on completion.

Borehole unstable, collapsing to 2.9m depth.

Dynamic probe undertaken through base of borehole.

Standpipe installed to 3.0m depth; 3.0m to 1.0m slotted pipe with gravel surround; 1.0m to ground level plain pipe with bentonite seal; completed with gas tap and security cover concreted in flush with the ground surface.

Excavation Method: Dynamic Sampler

Borehole Diameter: Various

Made By: SG

Site Name: Biggins Wood, Folkestone, Kent

Job No.: LW21271

Start Date: 21.09.2010

End Date: 21.09.2010

[illegible]

## Remarks:

Borehole remained dry and stable on completion.

Dynamic probe test carried out through the base of the borehole.

Standpipe installed to 3.0m depth; 3.0m to 1.0m slotted pipe with gravel surround; 1.0m to ground level plain pipe with bentonite seal; completed with gas tap and security cover concreted in flush with the ground surface.

Excavation Method: Dynamic Sampler

Borehole Diameter: Various

Made By: SG

**Borehole No.: WS12**

Site Name: Biggins Wood, Folkestone, Kent

Job No.: LW21271

Start Date: 21.09.2010

End Date: 21.09.2010

Standpipe Installation	Samples and Testing					Strata		
	Sample Type	Depths		Vane/ Pen Test N Value	DPSH Profile Blows/100mm 5, 15, 25	Legend	Depth / Reduced Level	Strata Descriptions
		From (m)	To (m)					
							0.00	Ground Level
	J	0.05						MADE GROUND: Orange brown silty clay with a little to some fine to coarse gravel of concrete, brick, flint and clinker.  becoming grey at the base.
	D	0.30						
	J	0.50						
	D	0.60					0.75	
	D	0.80						MADE GROUND: Off white/ light brown slightly clayey silt with much gravel of chalk.
	J	0.90					1.00	
								MADE GROUND: Dark brown slightly sandy clayey fine to medium gravel of brick, flint and concrete.  <b>DRAFT</b>
	J	1.50						
	D	2.00					2.20	
	J	2.50						MADE GROUND: Slightly clayey sand with much fine to medium gravel of brick, flint, clinker and chalk. With much hydrocarbon staining and odour.
	D	2.60					2.95	
	V	3.10		>130			3.0	Stiff blue grey CLAY. (Gault Formation)
								End of Borehole

**Remarks:**

Borehole remained dry on completion.

Borehole unstable, collapsing to 2.0m depth.

Standpipe installed to 3.0m depth; 3.0m to 1.0m slotted pipe with gravel surround; 1.0m to ground level plain pipe with bentonite seal; completed with gas tap and security cover concreted in flush with the ground surface.

Dynamic probe undertaken adjacent to borehole.

Excavation Method: Dynamic Sampler

Borehole Diameter: Various

Made By: SG



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**Borehole No.: WS13**

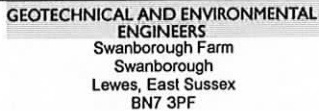
Site Name: Biggins Wood, Folkestone, Kent

Job No.: LW21271

Start Date: 22.09.2010

End Date: 22.09.2010

Standpipe Installation	Samples and Testing					Strata		
	Sample Type	Depths		Vane/ Pen Test N Value	DPSH Profile Blows/100mm 5 , 15 , 25	Legend	Depth / Reduced Level	Strata Descriptions
		From (m)	To (m)					
							0.00	Ground Level
	J	0.05						MADE GROUND: Dark grey brown clay with a little fine to coarse gravel of brick, flint, clinker, concrete and wood. with a cobble of brick at 0.80m depth. with a 100mm layer of concrete between 0.80m and 0.90m depth.
	D	0.30						
	J D	0.50						
							1.00	
	J	1.10						MADE GROUND: Dark brown sand with much fine to coarse gravel of brick, concrete and clinker.
								<b>DRAFT</b>
							1.90	
	V	2.00		80				MADE GROUND: Blue grey clay with occasional fine to coarse gravel of brick and concrete interbedded with layers of sandy clay. With some staining and slight hydrocarbon odours.
	J	2.10						
	D H	2.30		90				
	J H	2.60		60				
	D	2.70						
	H	2.90		50				
							3.00	
								End of Borehole
Remarks:							Excavation Method: Dynamic Sampler	
Borehole remained dry on completion.								
Borehole unstable, collapsing to 1.0m depth.								
Dynamic probe test carried out through the base of the borehole.							Borehole Diameter: Various	
							Made By: SG	



End Date: 21.09.2010

**DRAFT**

Made By: SG

# ASHDOWN SITE INVESTIGATION

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Borehole No.: WS15

Site Name: Biggins Wood, Folkestone, Kent

Job No.: LW21271

Start Date: 21.09.2010

End Date: 21.09.2010

Standpipe Installation	Samples and Testing					Strata		
	Sample Type	Depths		Vane/ Pen Test N Value	DPSH Profile Blows/100mm 5, 15, 25	Legend	Depth / Reduced Level	Strata Descriptions
		From (m)	To (m)					
							0.00	Ground Level
	J	0.05						MADE GROUND: Brown and dark grey mottled clay with a little fine to coarse gravel of brick, concrete, chalk and glass.
	D	0.30					0.40	
	J D	0.50						MADE GROUND: Brown silty clay with some fine to coarse gravel of brick, flint, concrete and clinker.
	J	0.80					0.95	
								MADE GROUND: Cobbles of concrete, clinker and brick.
							1.50	
	J	1.60						MADE GROUND: Dark brown grey slightly sandy clay with some fine to coarse gravel of brick, ash and clinker.
								<b>DRAFT</b>
	J	2.10					2.25	
	D	2.30						MADE GROUND: Dark grey sandy clay with some fine to medium gravel of flint, brick and clinker with cobbles of brick.
	J	2.60					2.80	becoming very sandy with occasional bands of black staining below 2.45m depth.
	D	2.70						MADE GROUND: Yellow brick.
							3.00	
								End of Borehole

## Remarks:

Borehole remained dry on completion.

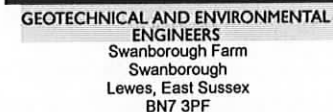
Borehole unstable, collapsing to 1.80m depth.

Standpipe installed to 3.0m depth; 3.0m to 1.0m slotted pipe with gravel surround; 1.0m to ground level plain pipe with bentonite seal; completed with gas tap and security cover concreted in flush with the ground surface.

Excavation Method: Dynamic Sampler

Borehole Diameter: Various

Made By: SG



End Date: 22.09.2010

Standpipe Installation	Samples and Testing				Strata		
	Sample Type	Depths		Vane/ Pen Test N Value	Legend	Depth / Reduced Level	Strata Descriptions
		From (m)	To (m)				
						0.00	Ground Level
	J	0.05					Topsoil (10mm) over, Stiff brown and orange brown mottled CLAY. (Gault Formation)  becoming very stiff/ hard blue grey mottled below 0.50m depth.
	D H	0.30		90			
	D	0.40					
	J H	0.50		250			
	D	0.80					
	H	1.00		>250		1.00	
							End of Borehole
							DRAFT

Remarks:

Borehole remained dry and stable on completion.

Excavation Method: Dynamic Sampler

Borehole Diameter: Various

Made By: SG