



APPENDIX 3

- Exploratory Hole Logs
- BGS Borehole Logs

Temporary Record

TQ 00NE/18

317/439

SOUTH DOWNS INVESTIGATION

TQ 00

NE

OBSERVATION BOREHOLES PHASE VI

0757

0757

SCHEDULE OF BOREHOLE RECORDSTAKEN FROM CONTRACTORS REPORTS

B.H. No. 81.

HAMMERPOT, NEW BARNSussex BS NE/ETQ 07570525

STRATA	THICKNESS (metres)	DEPTH BELOW GROUND LEVEL (metres)
Topsoil	0.2	0.2
Light brown & grey clay (some flints)	4.3	4.5
Blue Clay	4.5	9.0
Grey clay	8.0	17.0
Dark grey, silty clay	5.0	22.0
Multi-coloured silty clay	4.5	26.5
Light brown sandy clay	7.0	33.5
Grey stone	0.5	34.0
Grey silty sand	2.0	36.0
Grey clay & stones	5.0	41.0
Grey silty sand	2.5	43.5
Hard black stoney clay (chillers describe this as coal)	3.0	46.5
Multi-coloured clays	5.0	51.5
Gravel clay & chalk	1.0	52.5
Soft chalk & flints	17.5	70.0
Chalk & flint beds	66.0	136.0
Hard putty chalk & flints with chalk seams	64.0	200.0
Data Bank		



**British
Geological Survey**

NATURAL ENVIRONMENT RESEARCH COUNCIL

BGS ID: 569674 : BGS Reference: TQ00NE18

British National Grid (27700) : 507570,105250

Report an issue with this borehole

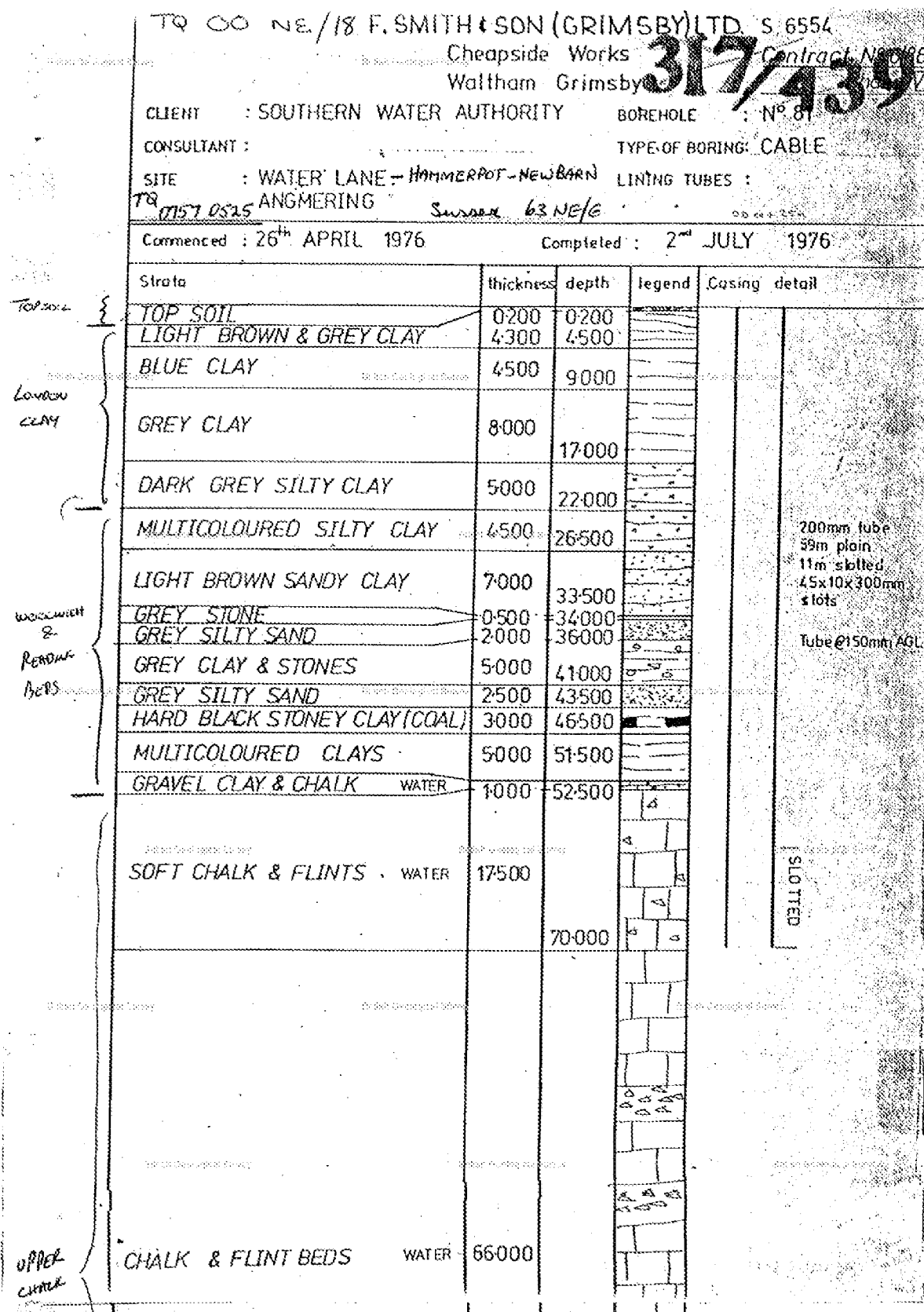
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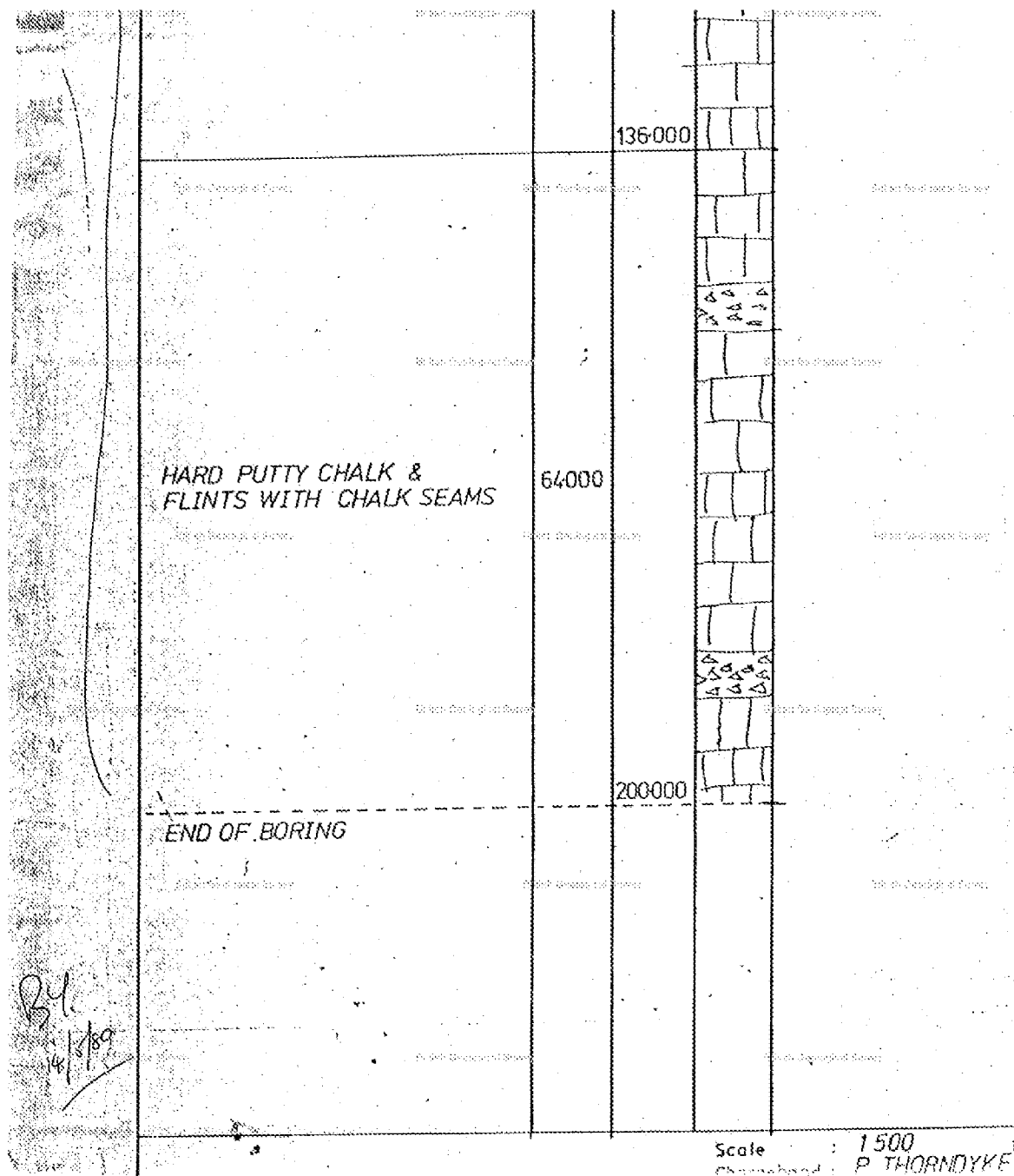
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Page 2 of 2

Next >

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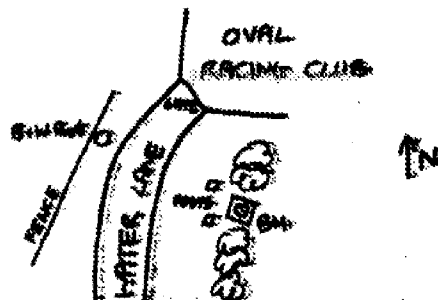


British Geological Survey
Hydrogeology Group
Logging Record

BGS Registration Number : TW00NE - 63
 Archive Record Number : TQ 00/143
 Borehole Name : Water Lane - Hammerpot New Barn, Angmering
 National Grid Reference : TQ 0754 0520
 Date Drilled : 26/04/76 - 02/07/76
 Date Visited : 04/08/94 and 15/08/94
 Datum Used : GL
 OD Elevation (GL) : 27.20m
 Drilled Diameter : 200mm (8")
 Total Depth (bGL) : 198.13m
 Water Level (bGL) : 24.94m @ 1045 and @ 1617
 Total Casing Depth (bGL) : 70.2m
 Logs Run : Conductivity
 Temperature
 Spontaneous Potential
 Point Resistance
 Caliper
 Natural Gamma
 Focussed Resistance
 Magnetic Susceptibility
 Inductance
 Operator : J C Talbot

Notes : BH has 8" casing 0.29m above GL on concrete plinth

Site Plan :



Signature and Date :

J C Talbot 9/9/94

British Geological Survey

British Geological Survey

British Geological Survey

RECORD OF BOREHOLE

amended ngr
See enclosed
info. site visited
1994

F. SMITH & SON (GRIMSBY) LTD. S. 6554

Cheapside Works

Waltham Grimsby

Contract No

317/43

CLIENT : SOUTHERN WATER AUTHORITY BOREHOLE : No 81

CONSULTANT : TYPE OF BORING: CABLE

SITE : 0520 WATER LANE - HAMMERPOOT - NEWBARN

LINING TUBES :

* TQ 0754 ANGMERING

Surrey 63 NE/E

TQ 0914

Commenced : 26th APRIL 1976Completed : 2nd JULY 1976

Strata	thickness	depth	legend	Casing detail
TOP SOIL	0200	0200		
LIGHT BROWN & GREY CLAY	4300	4500		
BLUE CLAY	4500	9000		
GREY CLAY	8000	17000		
DARK GREY SILTY CLAY	5000	22000		
MULTICOLOURED SILTY CLAY	4500	26500		
LIGHT BROWN SANDY CLAY	7000	33500		
GREY STONE	0500	34000		
GREY SILTY SAND	2000	36000		
GREY CLAY & STONES	5000	41000		
GREY SILTY SAND	2500	43500		
HARD BLACK STONEY CLAY (COAL)	3000	46500		
MULTICOLOURED CLAYS	5000	51500		
GRAVEL CLAY & CHALK WATER	1000	52500		
SOFT CHALK & FLINTS WATER	17500	70000		

200mm tub
59m plain
11m slotte
45x10x30l
slots

Tube @ 150m

SLOTTED

OBSERVATION WELLS: WELL DATA SHEET

British Geological Survey

British Geological Survey

British Geological Survey

WDU Ref No T. 9. 00

IGS Ref No

LOCATION

Site Hammispat New BarnHydrometric area 44NGR. 

WELL DETAILS

Depth

Diameter

Length of solid lining

.....(feet)(inches)
200.00.....(metres)(cms)(m)

Measuring point

OD of surface 26.91 modOD of measuring point 27-30 mod

Geological succession

Aquifers Chalk

MEASUREMENT

Automatic recorder:

type

operated

gauge scale

Time traverse

inches per

Manual measurements: frequency

Monthly

Measuring authority

S.W.A. S.R. & W.D.

Record charts changed by

REMARKS

Records available from

Interference effects:

from adjacent discharging wells; barometric; river influence;
tidal; miscellaneous; (add details on accompanying sheet)

Disused or used

(.....hours pumped per) Sunk as observation well

Surface run-off gauging stations

Nearest rainfall station

Rdg 37656/1/3236 1m 2/78 TP

TQ00/143

British Geological Survey

British Geological Survey

British Geological Survey

**British Geological Survey
Hydrogeology Group
Logging Record**

BGS Registration Number :

British Geological Survey

British Geological Survey

British Geological Survey

Archive Record Number :

TQ 00/143

Borehole Name :

Water Lane - Hammerpot New Barn, Angmering

National Grid Reference :

TQ 0754 0520

Date Drilled :

26/04/76 - 02/07/76

British Geological Survey

Date Visited :

British Geological Survey

04/08/94 and 15/08/94

British Geological Survey

Datum Used :

GL

OD Elevation (GL) :

27.20m

Drilled Diameter :

200mm (8")

Total Depth (bGL) :

198.13m

British Geological Survey

Water Level (bGL) :

24.94m @ 1045 and @ 1617

Total Casing Depth (bGL) :

70.2m

Logs Run :

Conductivity
Temperature
Spontaneous Potential
Point Resistance
Caliper
Natural Gamma
Focussed Resistance
Magnetic Susceptibility
Inductance

British Geological Survey

British Geological Survey

British Geological Survey

Operator :

J C Talbot

Notes :

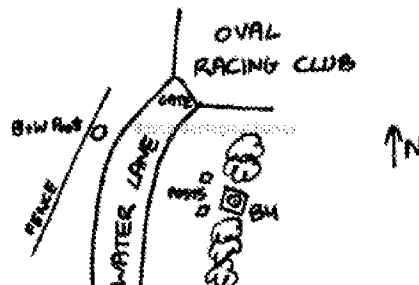
British Geological Survey

British Geological Survey

British Geological Survey

BH has 8" casing 0.29m above GL on concrete plinth

Site Plan :



British Geological Survey

British Geological Survey

Signature and Date :

British Geological Survey

Handwritten signature of J C Talbot and the date 9/9/94.

British Geological Survey

British Geological Survey

317/439

TQ00/11

The rest water level was 27.0 metres below ground level. The hole is cased with 200mm diameter solid steel casing to 58m below surface, and with 200mm diameter slotted steel casing from 58m to 69m below surface.

Water was struck at 52.5m, 70m and 136m below surface.

Levelled surface datum = 27.20 metres above Ordnance Datum.

Days

Bank

Temporary Record

317/439

SOUTH DOWNS INVESTIGATION TQ 00/14
OBSERVATION BOREHOLES PHASE VI

SCHEDULE OF BOREHOLE RECORDS
TAKEN FROM CONTRACTORS REPORTS

B.H. No. 81.HAMMERPOT, NEW BARNSussex b3 NE/ETQ 075 705250754 0520

STRATA	THICKNESS (metres)	DEPTH BELOW GROUND LEVEL (metres)
Topsoil	0.2	0.2
Light brown & grey clay (some flints)	4.3	4.5
Blue clay	4.5	9.0
Grey clay	8.0	17.0
Dark grey, silty clay	5.0	22.0
Multi-coloured silty clay	4.5	26.5
Light brown sandy clay	7.0	33.5
Grey stone	0.5	34.0
Grey silty sand	2.0	36.0
Grey clay & stones	5.0	41.0
Grey silty sand	2.5	43.5
Hard black stoney clay	3.0	46.5
(drillers describe this as coal)		
Multi-coloured clays	5.0	51.5
Gravel clay & chalk	1.0	52.5
Soft chalk & flints	17.5	70.0
Chalk & flint beds	66.0	136.0
Hard putty chalk & flints with chalk seams	64.0	200.0
Date	Bank	

317/439

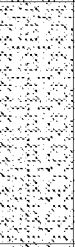
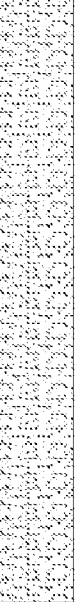
The next water level was 27.0m. below ground level

The hole is cased with 200mm diameter steel case to 58m below surface, and with 200mm diameter slotted steel casing from 58m to 69m below surface

Water was struck at 52.5m, 70m and 136m b.s

Levelled surface datum = 27.20m. AOD.

Project Name Water Lane		Project No. 19495	Dimensions (m): 2.30		Date 02/09/2015
Location: Angmering			Depth (m) 3.20 0.60	Scale 1:25	
Client: Rydon Homes Ltd & Gleeson Strategic Land				Logged By Troy Randall	

Samples & In Situ Testing			Water Strike	Depth in metres (thickness)	Legend	Stratum Description	
Depth (m)	Type	Results					
0.30	D,J			(0.40)		Grass over dry and friable to very soft brown mottled orange slightly sandy slightly gravelly CLAY with rootlets. Sand is fine to coarse. Gravel is angular to well rounded fine to coarse flint. (TOPSOIL)	
				0.40			
				(0.80)		Very soft to soft orange sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is angular to subrounded fine to medium flint. (HEAD DEPOSITS) Between 0.60mbgl and 1.20mbgl: firm clay.	1
1.00	D,J			1.20			
				(2.00)		Soft , becoming firm grey mottled orange sandy very gravelly CLAY with high cobble content. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse flint. Cobbles of angular flint. (HEAD DEPOSITS)	2
2.50	B			3.20			3
						Trialpit Complete at 3.20 m	4

Remarks: Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool. Upon completion the location was backfilled with arisings.	IVN - in-situ hand vane IPP - in-situ pocket penetrometer PID - in-situ photoionization detector	D - small disturbed sample (tub) J - amber glass jar (250ml) V - amber glass jar (60ml) B - bulk disturbed sample

Project Name

Water Lane

Project No.

19495

Dimensions (m):

2.00

Date

02/09/2015

Location: Angmering

Depth (m)

2.00

0.60

Scale

1:25

Client: Rydon Homes Ltd & Gleeson Strategic Land

Logged By
Troy Randall

Samples & In Situ Testing			Water Strike	Depth in metres (thickness)	Legend	Stratum Description	
Depth (m)	Type	Results					
0.40	D,J			(0.50)		Grass over dry and friable slightly sandy slightly gravelly CLAY with rootlets. Sand is fine. Gravel is subangular to subrounded fine to medium flint. (TOPSOIL)	
				0.50		Firm to stiff grey mottled orange slightly sandy CLAY with laminations. Sand is fine to coarse. (HEAD DEPOSITS)	1
				(1.30)			
				1.80		Firm to stiff grey mottled orange slightly sandy gravelly CLAY with cobble content. Sand is fine to coarse. Gravel is angular to rounded fine to coarse flint. Cobbles of angular to subrounded flint. (HEAD DEPOSITS)	2
2.00	D,J			2.00		Trialpit Complete at 2.00 m	
							3
							4

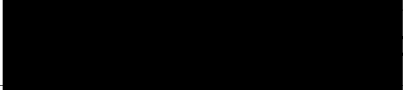
Remarks: Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool. Upon completion the location was backfilled with arisings.

IVN - in-situ hand vane
IPP - in-situ pocket penetrometer
PID - in-situ photoionization detector

D - small disturbed sample (tub)
J - amber glass jar (250ml)
V - amber glass jar (60ml)
B - bulk disturbed sample



Offices:



Plant:

Co-ords:

-

Trialpit No

MTP103

Sheet 1 of 1

Project Name

Water Lane

Project No.

19495

Dimensions (m):

2.20

Location: Angmering

Depth (m)

2.50

0.60



Date

02/09/2015

Scale

1:25

Client: Rydon Homes Ltd & Gleeson Strategic Land

Logged By

Troy Randall

Samples & In Situ Testing			Water Strike	Depth in metres (thickness)	Legend	Stratum Description	
Depth (m)	Type	Results					
0.20	D,J			(0.50)		Grass over dry and friable slightly sandy slightly gravelly CLAY with rootlets. Sand is fine. Gravel is subangular to subrounded fine to medium flint. (TOPSOIL)	
0.70	D,J			(0.40)		Firm to stiff orange mottled grey sandy very gravelly CLAY with cobble content. Sand is fine to coarse. Gravel is angular to well rounded fine to coarse flint. Cobbles of angular to very angular flint. (HEAD DEPOSITS)	
1.20	B			(0.60)		Stiff grey mottled orange CLAY. (LONDON CLAY FORMATION)	1
				1.50		Trialpit Complete at 2.50 m	
							2
							3
							4

Remarks: Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool. Upon completion the location was backfilled with arisings.

IVN - in-situ hand vane
IPP - in-situ pocket penetrometer
PID - in-situ photoionization detector

D - small disturbed sample (tub)
J - amber glass jar (250ml)
V - amber glass jar (60ml)
B - bulk disturbed sample



Offices:



Plant:

Co-ords:

-

Trialpit No

MTP104

Sheet 1 of 1

Project Name

Water Lane

Project No.

19495

Dimensions (m):

2.20

Date

02/09/2015

Location: Angmering

Depth (m)

3.00

0.70



Scale

1:25

Client: Rydon Homes Ltd & Gleeson Strategic Land

Logged By

Troy Randall

Samples & In Situ Testing			Water Strike	Depth in metres (thickness)	Legend	Stratum Description	
Depth (m)	Type	Results					
0.10	D,J			(0.40)		Grass over dry and friable slightly sandy slightly gravelly CLAY with rootlets. Sand is fine. Gravel is subangular to subrounded fine to medium flint. (TOPSOIL)	
				0.40		Soft to firm orange mottled grey sandy very gravelly CLAY with cobble content. Sand is fine to coarse. Gravel is very angular to subrounded fine to coarse flint. Cobbles are very angular to angular flint. (HEAD DEPOSITS)	
				(1.40)			1
1.50	D,J			1.80		Firm grey mottled orange very sandy CLAY. Sand is fine to coarse. (LONDON CLAY FORMATION)	2
				(1.20)			
3.00	B			3.00			3
						Trialpit Complete at 3.00 m	
							4

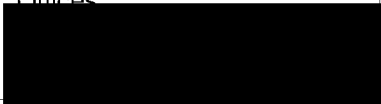
Remarks: Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool. Upon completion the location was backfilled with arisings.

IVN - in-situ hand vane
IPP - in-situ pocket penetrometer
PID - in-situ photoionization detector

D - small disturbed sample (tub)
J - amber glass jar (250ml)
V - amber glass jar (60ml)
B - bulk disturbed sample



Offices:



Plant:

Co-ords:

Trialpit No

MTP105

Sheet 1 of 1

Project Name

Water Lane

Project No.

19495

Dimensions (m):

2.10

Depth (m)

2.10

0.60



Date

02/09/2015

Scale

1:25

Client:

Rydon Homes Ltd & Gleeson Strategic Land

Logged By

Troy Randall

Samples & In Situ Testing			Water Strike	Depth in metres (thickness)	Legend	Stratum Description	
Depth (m)	Type	Results					
1.00	D,J			(0.60)		Grass over dry and friable slightly sandy slightly gravelly CLAY with rootlets. Sand is fine. Gravel is subangular to subrounded fine to medium flint. (TOPSOIL)	1
				0.60		Soft grey fissured orange sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is angular to well rounded fine to medium flint. (HEAD DEPOSITS)	
				1.00		Firm to stiff grey and orange sandy fissured CLAY. Sand is fine to coarse. (LONDON CLAY FORMATION)	
2.00	D,J			(1.10)			2
				2.10		Trialpit Complete at 2.10 m	
							3
							4

Remarks:

Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool. Upon completion the location was backfilled with arisings.

IVN - in-situ hand vane

IPP - in-situ pocket penetrometer

PID - in-situ photoionization detector

D - small disturbed sample (tub)

J - amber glass jar (250ml)

V - amber glass jar (60ml)

B - bulk disturbed sample

Project Name

Water Lane

Project No.

19495

Dimensions (m):

2.30

Location: Angmering

Depth (m)

2.80

0.70

Client: Rydon Homes Ltd & Gleeson Strategic Land

Date

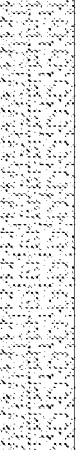
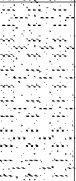
02/09/2015

Scale

1:25

Logged By

Troy Randall

Samples & In Situ Testing			Water Strike	Depth in metres (thickness)	Legend	Stratum Description	
Depth (m)	Type	Results					
0.50	D,J			(0.70)		Crops over dry and friable to soft dark brown gravelly CLAY with rootlets. Gravel is subangular to subrounded fine to coarse flint and occasional chalk. (TOPSOIL)	
				0.70		Soft very gravelly orangish brown slightly sandy very gravelly CLAY with cobble content. Sand is fine to coarse. Gravel is angular to very angular fine to coarse flint. Cobbles of very angular flint. (HEAD DEPOSITS)	1
1.80	D,J			(1.50)			
				2.20		Firm to stiff greyish brown slightly sandy CLAY. Sand is fine to coarse. (LONDON CLAY FORMATION)	2
2.50	B			(0.60)			
				2.80			
						Trialpit Complete at 2.80 m	3
							4

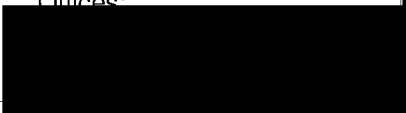
Remarks: Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool. Upon completion the location was backfilled with arisings.

IVN - in-situ hand vane
IPP - in-situ pocket penetrometer
PID - in-situ photoionization detector

D - small disturbed sample (tub)
J - amber glass jar (250ml)
V - amber glass jar (60ml)
B - bulk disturbed sample



Offices:



Plant:

Co-ords:

Trialpit No

MTP108

Sheet 1 of 1

Project Name

Water Lane

Project No.

19495

Dimensions (m):

2.20

Depth (m)

2.40

0.60



Date

02/09/2015

Scale

1:25

Client:

Rydon Homes Ltd & Gleeson Strategic Land

Logged By

Troy Randall

Samples & In Situ Testing			Water Strike	Depth in metres (thickness)	Legend	Stratum Description	
Depth (m)	Type	Results					
0.30	D,J			(0.60)		Crops over dry and friable to soft dark brown gravelly CLAY with rootlets. Gravel is subangular to subrounded fine to coarse flint and occasional chalk. (TOPSOIL)	
0.70	D,J			0.60		Soft orange very sandy CLAY. Sand is fine to coarse. (HEAD DEPOSITS)	
				0.80		Brownish orange clayey very sandy GRAVEL with cobble content. Sand is fine to coarse. Gravel is angular to well rounded fine to coarse flint. Cobbles of subangular flint. (HEAD DEPOSITS)	1
2.00	B			(1.60)			2
				2.40			
Trialpit Complete at 2.40 m							3
							4

Remarks: Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool. Upon completion the location was backfilled with arisings.

IVN - in-situ hand vane
IPP - in-situ pocket penetrometer
PID - in-situ photoionization detector

D - small disturbed sample (tub)
J - amber glass jar (250ml)
V - amber glass jar (60ml)
B - bulk disturbed sample



Offices:

Plant:

Trialpit No

MTP109

Sheet 1 of 1

Project Name

Water Lane

19495

Dimensions (m):

2.40

Location: Angmering

Depth (m)

2.80

0.70

Date

02/09/2015

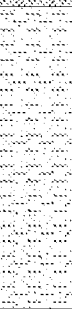
Scale

1:25

Client: Rydon Homes Ltd & Gleeson Strategic Land

Logged By

Troy Randall

Samples & In Situ Testing			Water Strike	Depth in metres (thickness)	Legend	Stratum Description	
Depth (m)	Type	Results					
0.20	D,J			(0.30)		Grass over very soft and friable dark brown slightly gravelly CLAY with rootlets. Gravel is angular to well rounded fine to medium flint. (TOPSOIL)	
				0.30		Firm to stiff grey mottled orange slightly sandy CLAY. Sand is fine to coarse. (HEAD DEPOSITS)	
0.90	D,J			(1.00)		Below 0.80mbgl: orange.	1
				1.30			
				(1.50)			2
				2.80		Soft orange mottled grey very sandy gravelly CLAY with cobble content. Sand is fine to coarse. Gravel is angular to subangular fine to coarse flint. Cobbles are subangular to very angular flint. (HEAD DEPOSITS)	
						Trialpit Complete at 2.80 m	3
							4

Remarks: Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool. Upon completion the location was backfilled with arisings.

IVN - in-situ hand vane
IPP - in-situ pocket penetrometer
PID - in-situ photoionization detector

D - small disturbed sample (tub)
J - amber glass jar (250ml)
V - amber glass jar (60ml)
B - bulk disturbed sample

Project Name

Water Lane

Project No.

19495

Dimensions (m):

2.20

Date

02/09/2015

Location: Angmering

Depth (m)

2.90

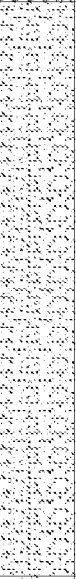
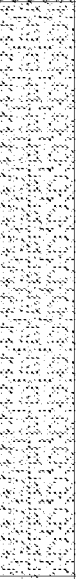
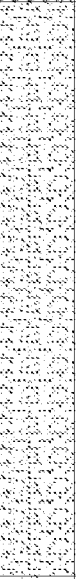
0.70

Scale

1:25

Client: Rydon Homes Ltd & Gleeson Strategic Land

Logged By
Troy Randall

Samples & In Situ Testing			Water Strike	Depth in metres (thickness)	Legend	Stratum Description	
Depth (m)	Type	Results					
1.00	D,J			(0.40)		Grass over very soft and friable dark brown slightly gravelly CLAY with rootlets. Gravel is angular to well rounded fine to medium flint and brick. (MADE GROUND)	1
				0.40		Soft to firm greyish brown slightly sandy slightly gravelly CLAY. Sand is fine to medium. Gravel is angular to subrounded fine to coarse flint. (HEAD DEPOSITS)	
2.00	D,J			(1.90)		Below 1.50mbgl: orange.	2
				2.30		Firm grey slightly sandy CLAY. Sand is fine to coarse. (LONDON CLAY FORMATION)	
2.70	B			(0.60)			3
				2.90		Trialpit Complete at 2.90 m	
							4

Remarks: Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool. Upon completion the location was backfilled with arisings.

IVN - in-situ hand vane
IPP - in-situ pocket penetrometer
PID - in-situ photoionization detector

D - small disturbed sample (tub)
J - amber glass jar (250ml)
V - amber glass jar (60ml)
B - bulk disturbed sample



Offices:



Plant:

Co-ords: -

Trialpit No

MTP111

Sheet 1 of 1

Project Name

Water Lane

Project No.

19495

Dimensions (m):

2.40

Depth (m)

3.00

0.70

**Date**

02/09/2015

Scale

1:25

Client:

Rydon Homes Ltd & Gleeson Strategic Land

Logged By

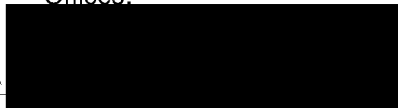
Troy Randall

Samples & In Situ Testing			Water Strike	Depth in metres (thickness)	Legend	Stratum Description	
Depth (m)	Type	Results					
0.20	D,J			(0.30)		Grass over very soft and friable dark brown slightly gravelly CLAY with rootlets. Gravel is angular to well rounded fine to medium flint. (TOPSOIL)	
				0.30		Soft to firm orange mottled grey sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is angular to very angular fine to medium flint. (HEAD DEPOSITS)	
				(2.30)			1
						Between 2.00mbgl and 2.40mbgl: gravelly and cobble content.	2
2.80	D,J			2.60		Soft to firm grey mottled orange slightly sandy CLAY. Sand is fine to coarse. (LONDON CLAY FORMATION)	
				(0.40)			
				3.00			3
						Trialpit Complete at 3.00 m	
							4

Remarks: Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool. Upon completion the location was backfilled with arisings.

IVN - in-situ hand vane
IPP - in-situ pocket penetrometer
PID - in-situ photoionization detector

D - small disturbed sample (tub)
J - amber glass jar (250ml)
V - amber glass jar (60ml)
B - bulk disturbed sample



Project Name

Water Lane

Project No.

19495

Dimensions (m):

2.20

Date

03/09/2015

Location: Angmering

Depth (m)

3.00

0.70



Scale

1:25

Client: Rydon Homes Ltd & Gleeson Strategic Land

Logged By

Troy Randall

Samples & In Situ Testing			Water Strike	Depth in metres (thickness)	Legend	Stratum Description	
Depth (m)	Type	Results					
0.50	D,J			(1.00)		Black clayey slightly sandy GRAVEL with cobble content. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse flint, brick, concrete, chalk, asphalt and plastic. Cobbles of angular brick and concrete. (MADE GROUND) Between 0.00mbgl and 1.00mbgl: slight hydrocarbon odour.	
1.20	D,J			1.00		Soft to firm brownish orange mottled grey sandy CLAY. Sand is fine to coarse. (LONDON CLAY FORMATION)	1
				(2.00)			2
3.00	B			3.00		Trialpit Complete at 3.00 m	3
							4

Remarks: Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool. Upon completion the location was backfilled with arisings.

IVN - in-situ hand vane
IPP - in-situ pocket penetrometer
PID - in-situ photoionization detector

D - small disturbed sample (tub)
J - amber glass jar (250ml)
V - amber glass jar (60ml)
B - bulk disturbed sample

Project Name

Water Lane

Project No.

19495

Dimensions (m):

2.50

Date

03/09/2015

Location: Angmering

Depth (m)

3.30

0.80

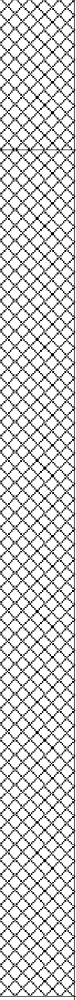
Scale

1:25

Client: Rydon Homes Ltd & Gleeson Strategic Land

Logged By

Troy Randall

Samples & In Situ Testing			Water Strike	Depth in metres (thickness)	Legend	Stratum Description	
Depth (m)	Type	Results					
0.40	D,J			(0.50)		Grass over dry and friable brown slightly sandy gravelly CLAY with cobble and boulder content. Sand is fine to medium. Gravel is subangular to very angular fine to coarse flint, brick, concrete, asphalt, chalk and rebar. Cobbles and boulders of subangular to angular concrete and brick. (MADE GROUND)	
				0.50		Dry and friable to very soft dark brown sandy gravelly CLAY with cobble and boulder content. Sand is fine to coarse. Gravel is angular to very angular fine to coarse flint, brick, concrete, chalk, wood and rebar. Cobbles and boulders of angular brick and concrete. (MADE GROUND)	1
				(2.80)		Below 1.50mbgl: black. Between 1.50mbgl and 3.30mbgl: slight hydrocarbon odour.	2
							3
3.30	D,J			3.30		Trialpit Complete at 3.30 m	4

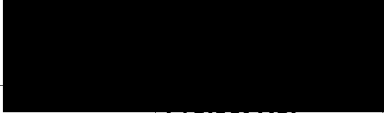
Remarks: Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool. Upon completion the location was backfilled with arisings.

IVN - in-situ hand vane
IPP - in-situ pocket penetrometer
PID - in-situ photoionization detector

D - small disturbed sample (tub)
J - amber glass jar (250ml)
V - amber glass jar (60ml)
B - bulk disturbed sample



Offices:



Plant:

Co-ords:

-

Trialpit No

MTP114

Sheet 1 of 1

Project Name

Water Lane

19495

Location: Angmering

Dimensions (m):

2.10

Depth (m)

2.40

0.70



Date

03/09/2015

Scale

1:25

Client: Rydon Homes Ltd & Gleeson Strategic Land

Logged By

Troy Randall

Samples & In Situ Testing			Water Strike	Depth in metres (thickness)	Legend	Stratum Description	
Depth (m)	Type	Results					
0.30	D,J			(0.40) 0.40		Grass over soft brown slightly gravelly CLAY with rootlets. Gravel is angular to well rounded fine to coarse flint. (TOPSOIL)	
1.00	D,J			(2.00) 2.40		Firm orange mottled grey slightly sandy CLAY. Sand is fine to medium. (LONDON CLAY FORMATION)	1 2 3 4
						Trialpit Complete at 2.40 m	

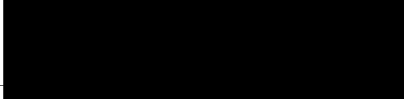
Remarks: Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool. Upon completion the location was backfilled with arisings.

IVN - in-situ hand vane
IPP - in-situ pocket penetrometer
PID - in-situ photoionization detector

D - small disturbed sample (tub)
J - amber glass jar (250ml)
V - amber glass jar (60ml)
B - bulk disturbed sample



Offices:



Plant:

Co-ords:

-

Trialpit No

MTP115

Sheet 1 of 1

Project Name

Water Lane

Project No.

19495

Dimensions (m):

2.10

Location: Angmering

Depth (m)

2.30

0.70



Date

03/09/2015

Scale

1:25

Client: Rydon Homes Ltd & Gleeson Strategic Land

Logged By

Troy Randall

Samples & In Situ Testing			Water Strike	Depth in metres (thickness)	Legend	Stratum Description	
Depth (m)	Type	Results					
0.10	D,J			(0.30)		Grass over soft brown slightly gravelly CLAY with rootlets. Gravel is angular to well rounded fine to coarse flint. (TOPSOIL)	
				0.30		Firm orange mottled grey slightly sandy CLAY. Sand is fine to medium. (LONDON CLAY FORMATION)	
0.80	D,J						1
				(2.00)			
1.50	B						2
				2.30		Trialpit Complete at 2.30 m	3
							4

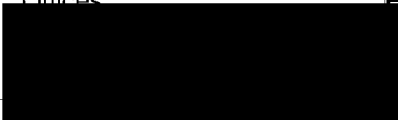
Remarks: Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool. Upon completion the location was backfilled with arisings.

IVN - in-situ hand vane
IPP - in-situ pocket penetrometer
PID - in-situ photoionization detector

D - small disturbed sample (tub)
J - amber glass jar (250ml)
V - amber glass jar (60ml)
B - bulk disturbed sample



Offices:



Plant:

Co-ords:

Trialpit No

MTP116

Sheet 1 of 1

Project Name

Water Lane

Project No.

19495

Dimensions (m):

2.10

Location: Angmering

Depth (m)

2.30

0.80



Date

03/09/2015

Scale

1:25

Client: Rydon Homes Ltd & Gleeson Strategic Land

Logged By

Troy Randall

Samples & In Situ Testing			Water Strike	Depth in metres (thickness)	Legend	Stratum Description	
Depth (m)	Type	Results					
0.20	D,J			(0.30)		Grass over soft brown slightly gravelly CLAY with rootlets. Gravel is angular to well rounded fine to coarse flint. (TOPSOIL)	
				0.30		Firm orange mottled grey slightly sandy CLAY. Sand is fine to medium. (LONDON CLAY FORMATION)	
0.70	D,J			(2.00)		Between 1.00mbgl and 2.40mbgl: grey clay pockets.	1
				2.30		Trialpit Complete at 2.30 m	2
							3
							4

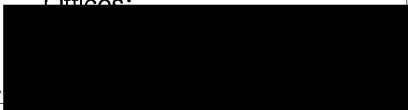
Remarks: Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool. Upon completion the location was backfilled with arisings.

IVN - in-situ hand vane
IPP - in-situ pocket penetrometer
PID - in-situ photoionization detector

D - small disturbed sample (tub)
J - amber glass jar (250ml)
V - amber glass jar (60ml)
B - bulk disturbed sample



Offices:



Plant:

Co-ords:

Trialpit No

MTP117

Sheet 1 of 1

Project Name

Water Lane

Project No.

19495

Dimensions (m):

2.20

Location: Angmering

Depth (m)

3.20

0.70



Date

03/09/2015

Scale

1:25

Client: Rydon Homes Ltd & Gleeson Strategic Land

Logged By

Troy Randall

Samples & In Situ Testing			Water Strike	Depth in metres (thickness)	Legend	Stratum Description	
Depth (m)	Type	Results					
0.30	D,J			(0.40) 0.40		Grass over soft brown slightly gravelly CLAY with rootlets. Gravel is angular to well rounded fine to coarse flint. (TOPSOIL)	
1.00	D,J			(2.80)		Firm orange mottled grey slightly sandy CLAY. Sand is fine to medium. (LONDON CLAY FORMATION)	1
3.00	B			3.20			2 3 4
						Trialpit Complete at 3.20 m	

Remarks: Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool. Upon completion the location was backfilled with arisings.

IVN - in-situ hand vane
IPP - in-situ pocket penetrometer
PID - in-situ photoionization detector

D - small disturbed sample (tub)
J - amber glass jar (250ml)
V - amber glass jar (60ml)
B - bulk disturbed sample

Project Name

Water Lane

Project No.

19495

Co-ords

-

Hole Type

WLS

Location: Angmering

Level

-

Scale

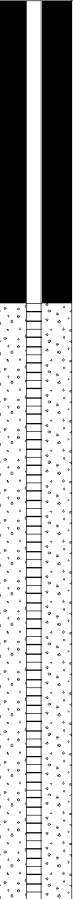
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Client: Rydon Homes Ltd & Gleeson Strategic Land

Dates: 02/09/2015

Logged By

Rachael Guild

Well	Water Strike	Samples & In Situ Testing			Depth in metres (thickness)	Legend	Stratum Description	
		Depth (m)	Type	Results				
		0.20	D,J		0.25		Dark brown slightly sandy clay with rare sub-angular flint cobbles.	
		0.60	D,J		(0.45)		Orange/brown sandy CLAY with common fine and medium, angular, sub angular and sub rounded flint gravels and occasional rootlets.	
		1.00	CPT	N=5 (1,1,1,2,1,1)	(0.40)		Orange and grey slightly sandy CLAY with occasional fine and medium sub-angular and angular flint gravels.	
		2.00	CPT	N=11 (2,1,2,3,3,3)	(1.70)		Soft low strength grey and orange flecked CLAY with fine sub-angular and angular flint gravels.	1
		3.00	CPT	N=14 (3,3,3,3,4,4)	3.00		Soft low strength, becoming firm medium strength orange and grey CLAY with rare fine, sub angular and angular flint gravels.	2
							End of Window Sample at 3.00 m	3
								4

Remarks:

Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool.

IVN - in-situ hand vane
IPP - in-situ pocket penetrometer
SPT - in-situ standard penetration test
PID - in-situ photoionization detector

D - small disturbed sample (tub)
J - amber glass jar (250ml)
V - amber glass jar (60ml)
B - bulk disturbed sample

Project Name

Water Lane

Project Ref

19495

Co-ords

-

Hole Type

WLS

Location: Angmering

Level

-

Scale

1:25

Client: Rydon Homes Ltd & Gleeson Strategic Land

Dates: 02/09/2015

Logged By

Rachael Guild

Well	Water Strike	Samples & In Situ Testing			Depth in metres (thickness)	Legend	Stratum Description	
		Depth (m)	Type	Results				
		0.35	D,J		(0.35)		Dark brown slightly sandy soft clay with occasional fine and medium, rounded, sub rounded and sub angular flint gravels with rootlets.	
					0.35		Light brown/orange clayey sand with fine to coarse angular, sub angular, sub rounded and rounded flint gravels.	
					0.45			
					(0.55)		Firm medium strength orange and grey slightly sandy CLAY with rare fine rounded and sub rounded flint gravels (darker grey and less orange with depth)	
		1.00	CPT	N=9 (1,1,2,2,2,3)	1.00		Firm medium strength grey slightly sandy CLAY.	1
		2.00	CPT	N=10 (2,1,2,2,3,3)	(2.00)			2
		3.00	CPT	N=12 (2,2,3,3,3,3)	3.00		End of Window Sample at 3.00 m	3
								4

Remarks:

Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool.

IVN - in-situ hand vane
IPP - in-situ pocket penetrometer
SPT - in-situ standard penetration test
PID - in-situ photoionization detector

D - small disturbed sample (tub)
J - amber glass jar (250ml)
V - amber glass jar (60ml)
B - bulk disturbed sample

Project Name

Water Lane

Project No.

19495

Co-ords

-

Hole Type

WLS

Location: Angmering

Level

-

Scale

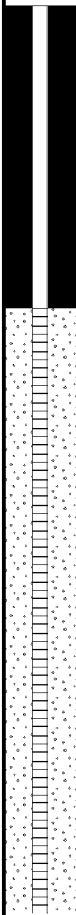
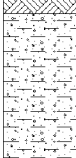
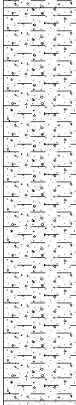
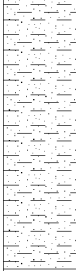
1:25

Client: Rydon Homes Ltd & Gleeson Strategic Land

Dates: 02/09/2015

Logged By

Rachael Guild

Well	Water Strike	Samples & In Situ Testing			Depth in metres (thickness)	Legend	Stratum Description	
		Depth (m)	Type	Results				
		0.30	D,J		(0.30) 0.30		Dark brown clayey sand with rare small and medium, rounded and sub angular flint gravels and rootlets.	
					(0.50) 0.80		Firm grey and orange slightly sandy CLAY with rare fine angular, sub angular, sub rounded flint gravels	
		1.00	CPT	N=25 (5,4,5,6,7,7)	(1.30) 2.10		Stiff high strength, becoming firm medium strength orange and grey slightly sandy CLAY with common flint cobbles and fine to coarse angular and sub angular flint gravels.	1
		2.00	CPT	N=12 (2,1,2,3,3,4)	(0.90) 3.00		Firm medium strength orange and bluish grey slightly sandy CLAY with occasional rootlets.	2
		2.20	D,J					
		3.00	CPT	N=11 (2,2,2,2,3,4)			End of Window Sample at 3.00 m	3
								4

Remarks:

Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool.

IVN - in-situ hand vane

IPP - in-situ pocket penetrometer

SPT - in-situ standard penetration test

PID - in-situ photoionization detector

D - small disturbed sample (tub)

J - amber glass jar (250ml)

V - amber glass jar (60ml)

B - bulk disturbed sample



Offices:

Equipment and Methods

Window Sample No
MWS107
Sheet 1 of 1

Project Name
Water Lane

Project No.
19495

Co-ords
-

Level
-

Location: Angmering

Hole Type
WLS

Client: Rydon Homes Ltd & Gleeson Strategic Land

Dates: 03/09/2015

Logged By
Rachael Guild

Remarks:
Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool. End of hole at 1.10mbgl due to an unknown concrete obstruction.

IVN - in-situ hand vane
IPP - in-situ pocket penetrometer
SPT - in-situ standard penetration test
PID - in-situ photoionization detector

D - small disturbed sample (tub)
J - amber glass jar (250ml)
V - amber glass jar (60ml)
B - bulk disturbed sample



Offices:

Equipment and Methods

Window Sample No
MWS108
Sheet 1 of 1

Project Name
Water Lane

Project No.
19495

Co-ords
-

Level
-

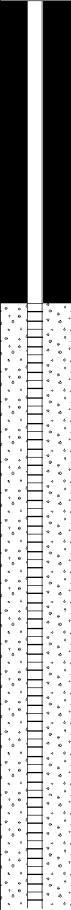
Location: Angmering

Hole Type
WLS

Client: Rydon Homes Ltd & Gleeson Strategic Land

Dates: 03/09/2015

Logged By
Rachael Guild

Well	Water Strike	Samples & In Situ Testing			Depth in metres (thickness)	Legend	Stratum Description	
		Depth (m)	Type	Results				
		0.20	D,J		0.15	Brown clayey sand with common rootlets and fine to medium angular and sub angular flint gravels. (TOPSOIL)		
		0.60	D,J		(0.50)	MADE GROUND: Dark brown and orange clayey coarse sand with brick fragments, possible clinker and occasional fine to medium sub angular and rounded flint gravel. With a layer of decomposing roots at 0.6m		
		1.00	CPT	N=4 (1,1,1,1,1,1)	0.65 0.75	Firm dark brown and grey slightly sandy CLAY with common fine to coarse sub angular, angular and rounded flint gravels and occasional subangular flint cobbles.		
		1.50	D,J			Soft low strength orange and grey slightly sandy clay with common rootlets.	1	
		2.00	CPT	N=8 (1,1,2,2,2,2)	(2.25)	From 2.0 m: becoming firm medium strength.	2	
		3.00	CPT	N=13 (2,2,3,3,3,4)	3.00	End of Window Sample at 3.00 m	3	
							4	

Remarks: Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool.

IVN - in-situ hand vane
IPP - in-situ pocket penetrometer
SPT - in-situ standard penetration test
PID - in-situ photoionization detector

D - small disturbed sample (tub)
J - amber glass jar (250ml)
V - amber glass jar (60ml)
B - bulk disturbed sample

Project Name

Water Lane

Project No.

19495

Co-ords

-

Hole Type

WLS

Location: Angmering

Level

-

Scale

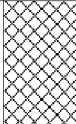
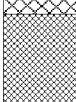
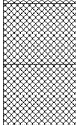
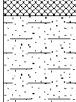
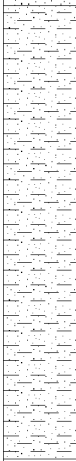
1:25

Client: Rydon Homes Ltd & Gleeson Strategic Land

Dates: 03/09/2015

Logged By

Rachael Guild

Well	Water Strike	Samples & In Situ Testing			Depth in metres (thickness)	Legend	Stratum Description	
		Depth (m)	Type	Results				
		0.30	D,J		(0.45)		Brown clayey sand with rare brick fragments, fine to medium rounded and sub rounded flint gravels and rootlets.	
					0.45			
		0.70	D,J		(0.30)		MADE GROUND: Orange/brown soft sandy clay with occasional fine to coarse, angular to rounded flint gravels and rare rootlets.	
					0.75			
		1.00	CPT	N=8	0.95		MADE GROUND: Orange brown soft slightly sandy clay with rare medium to coarse rounded and subrounded flint gravels.	
		1.10	D,J	(1,2,2,2,2,2)			MADE GROUND: Soft grey/brown silty clay (moist), crushed brick and tarmac, occasional fine to coarse angular to subrounded flint gravels.	1
					1.20			
					(0.30)		Loose brown clayey SAND with common fine to coarse angular to subrounded flint gravels.	
					1.50			
		2.00	CPT	N=8			Soft low strength orange and grey slightly sandy CLAY with rare fine to coarse angular to subrounded flint gravels.	
					(1.50)		From 2.0 m: becoming firm medium strength.	2
		3.00	CPT	N=10	3.00		End of Window Sample at 3.00 m	3
								
								4

Remarks:

Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool.

IVN - in-situ hand vane
IPP - in-situ pocket penetrometer
SPT - in-situ standard penetration test
PID - in-situ photoionization detector

D - small disturbed sample (tub)
J - amber glass jar (250ml)
V - amber glass jar (60ml)
B - bulk disturbed sample

Project Name

Water Lane

19495

Co-ords

-

Hole Type

WLS

Location: Angmering

Level

-

Scale

1:25

Client: Rydon Homes Ltd & Gleeson Strategic Land

Dates: 03/09/2015

Logged By

Rachael Guild

Well	Water Strike	Samples & In Situ Testing			Depth in metres (thickness)	Legend	Stratum Description	
		Depth (m)	Type	Results				
		0.35	D,J		0.20 (0.50)		Light brown sandy clay with rare slate and medium to coarse rounded to subangular flint gravels.	
							MADE GROUND: Grey/dark brown and orange slightly clayey sand with occasional concrete fragments and rare fine to medium rounded to subangular flint gravels, rare brick and crushed tarmac fragments.	
							MADE GROUND: Light grey slightly clayey sand with common concrete fragments and fine to medium rounded to subangular flint gravel and rare tarmac fragments.	
		1.00	CPT	N=11 (2,2,3,2,3,3)	0.70 0.85 1.00 (0.30)		MADE GROUND: Red brick cobble.	1
							MADE GROUND: Medium dense dark brown clayey sand with yellow sand, brick fragments, with common fine to coarse rounded to angular flint gravel and rare concrete fragments.	
							MADE GROUND: Moist dark brown softy sandy clay with common fine to coarse rounded to angular flint gravels and rare flint cobbles.	
							MADE GROUND: Concrete and dark brown clayey sand with rare flint cobbles and fine to coarse angular to subangular flint gravels.	
		1.90 2.00	D,J CPT	N=6 (1,1,1,2,1,2)	1.30 1.50 1.75 (0.45)		MADE GROUND: Dark brown/ black clayey sand with brick fragments, occasional concrete, tarmac, and fine to medium rounded to subangular flint gravels.	2
							Soft low strength, becoming firm medium strength orange and grey slightly sandy CLAY.	
		3.00	CPT	N=11 (2,1,2,2,4,3)	2.20 (0.80) 3.00		End of Window Sample at 3.00 m	3
			Type	Results				4

Remarks:

Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool.

IVN - in-situ hand vane
IPP - in-situ pocket penetrometer
SPT - in-situ standard penetration test
PID - in-situ photoionization detector

D - small disturbed sample (tub)
J - amber glass jar (250ml)
V - amber glass jar (60ml)
B - bulk disturbed sample

Project Name

Water Lane

Project No.

19495

Co-ords

-

Hole Type

WLS

Location: Angmering

Level

-

Scale

1:25

Client: Rydon Homes Ltd & Gleeson Strategic Land

Dates: 03/09/2015

Logged By

Rachael Guild

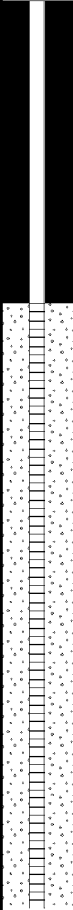
Well	Water Strike	Samples & In Situ Testing			Depth in metres (thickness)	Legend	Stratum Description	
		Depth (m)	Type	Results				
		0.15	D,J		0.15		MADE GROUND: Dark brown/black tarmac and flint gravel	
					(0.35)		MADE GROUND: Dark brown/black firm, slightly sandy clay with occasional fine to coarse rounded to subangular flint gravel.	
					0.50		MADE GROUND: Dark brown soft clayey sand with common fine to coarse rounded to angular, flint gravels and occasional tarmac fragments.	
		0.80	D,J		0.80		Soft low strength orange and grey slightly sandy CLAY with occasional fine to coarse rounded to subangular flint gravels near the top of the section (0.8m)	1
		1.00	CPT	N=6 (1,1,1,1,2,2)	(1.20)			
		2.00	CPT	N=12 (2,2,3,3,3,3)	2.00		Firm medium strength, becoming stiff high strength grey slightly sandy CLAY.	2
					(1.00)			
		3.00	CPT	N=17 (2,2,3,3,4,7)	3.00		End of Window Sample at 3.00 m	3
								4

Remarks:

Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool.

IVN - in-situ hand vane
IPP - in-situ pocket penetrometer
SPT - in-situ standard penetration test
PID - in-situ photoionization detector

D - small disturbed sample (tub)
J - amber glass jar (250ml)
V - amber glass jar (60ml)
B - bulk disturbed sample

		Offices: 		Equipment and Methods		Window Sample No MWS113 Sheet 1 of 1					
Project Name Water Lane				Project No. 19495		Co-ords -		Hole Type WLS			
Location: Angmering						Level -		Scale 1:25			
Client: Rydon Homes Ltd & Gleeson Strategic Land						Dates: 03/09/2015		Logged By Rachael Guild			
Well	Water Strike	Samples & In Situ Testing			Depth in metres (thickness)	Legend	Stratum Description				
		Depth (m)	Type	Results							
					(0.30)		MADE GROUND: Compacted tarmac and flint gravel.				
					0.30		Dark brown/back clayey SAND with occasional medium to coarse rounded to subangular flint gravels and rare flint cobbles.				
		0.55	D,J			(0.40)		Soft low strength orange and grey slightly sandy CLAY. Rare flint gravels (2.5-2.7m band of yellow clayey sand)			-1
						0.70					
		1.00	CPT	N=6 (1,1,2,1,2,1)							
		2.00	CPT	N=9 (1,1,2,2,2,3)	(2.30)		From 2.0 m: becoming firm medium strength.			-2	
		3.00	CPT	N=14 (2,2,3,3,4,4)	3.00		End of Window Sample at 3.00 m			-3	
										-4	
Remarks: Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool.						IVN - in-situ hand vane IPP - in-situ pocket penetrometer SPT - in-situ standard penetration test PID - in-situ photoionization detector		D - small disturbed sample (tub) J - amber glass jar (250ml) V - amber glass jar (60ml) B - bulk disturbed sample			



Project Name

Water Lane

Project No.

19495

Co-ords

-

Hole Type

WLS

Location: Angmering

Level

-

Scale

1:25

Client: Rydon Homes Ltd & Gleeson Strategic Land

Dates: 03/09/2015

Logged By

Rachael Guild

Well	Water Strike	Samples & In Situ Testing			Depth in metres (thickness)	Legend	Stratum Description	
		Depth (m)	Type	Results				
		0.30	D,J		(0.30)		Loose dark brown sand, common fine to coarse rounded to angular flint gravels, rare subangular flint cobbles.	
					0.30			
					(0.35)		Loose dark brown/ black clayey fine SAND with occasional fine to coarse angular to subrounded flint gravels, rare flint cobbles and rare tarmac fragments.	
		1.00	CPT	N=4 (1,1,1,1,1,1)	0.65		Soft low strength grey and orange slightly silty CLAY with rare fine to medium rounded to subrounded flint gravels. (Yellow clayey sand at 2.7m)	-1
		2.00	CPT	N=10 (1,2,2,2,3,3)	(2.35)		From 2.0 m: firm medium strength.	-2
		3.00	CPT	N=13 (2,2,3,3,3,4)	3.00		End of Window Sample at 3.00 m	-3
								-4
			Type	Results				

Remarks:

Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool.

IVN - in-situ hand vane
 IPP - in-situ pocket penetrometer
 SPT - in-situ standard penetration test
 PID - in-situ photoionization detector

D - small disturbed sample (tub)
 J - amber glass jar (250ml)
 V - amber glass jar (60ml)
 B - bulk disturbed sample

Offices:

Equipment and Methods

Window Sample No
MWS115
Sheet 1 of 1

Project Name
Water Lane

Project No.
19495

Co-ords
-

Level
-

Hole Type
WLS

Location: Angmering

Dates: 03/09/2015

Scale
1:25

Logged By
Rachael Guild

Client: Rydon Homes Ltd & Gleeson Strategic Land

Well	Water Strike	Samples & In Situ Testing			Depth in metres (thickness)	Legend	Stratum Description		
		Depth (m)	Type	Results					
		0.25	D,J		0.20		MADE GROUND: Loose dark brown sand with tarmac, brick and fine to coarse angular to subrounded flint gravels and concrete cobbles.	1	
					(0.55)				MADE GROUND: Dark brown clayey sand, very firm with some soft yellow sand in patches. Concrete gravel, brick fragments, tarmac and occasional fine to coarse angular to subrounded flint gravels.
		0.90	D,J		0.75				MADE GROUND: Dark brown clayey sand with concrete fragments and occasional flint gravels (fine to coarse angular to subangular)
		1.00	CPT	N=30 (2,2,7,9,7,7)	1.00		MADE GROUND: Yellow sand with occasional concrete fragments, tarmac and brick and rare fine to medium angular to subangular flint gravels.		
					(0.50)			MADE GROUND: Dark brown sandy clay with occasional brick and common fine to coarse angular to subrounded flint gravels. CONCRETE OBSTRUCTION.	
					1.50	End of Window Sample at 2.00 m			
		2.00	CPT	N=49 (11,9,13,11,11,14)				2	
		3.00	CPT	N=0				3	
								4	

Remarks:

Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool. End of hole at 2.00mbgl due to a concrete obstruction.

IVN - in-situ hand vane
 IPP - in-situ pocket penetrometer
 SPT - in-situ standard penetration test
 PID - in-situ photoionization detector

D - small disturbed sample (tub)
 J - amber glass jar (250ml)
 V - amber glass jar (60ml)
 B - bulk disturbed sample



Offices:



Plant:

Co-ords:

Trialpit No

MSA101

Sheet 1 of 1

Project Name

Water Lane

Project No.

19495

Dimensions (m):

2.70

Date

07/09/2015

Location: Angmering

Depth (m)

2.10

0.50

Scale

1:25

Client: Rydon Homes Ltd & Gleeson Strategic Land

Logged By

Troy Randall

Samples & In Situ Testing			Water Strike	Depth in metres (thickness)	Legend	Stratum Description	
Depth (m)	Type	Results					
				(0.40)		Grass over dry and friable brown slightly gravelly CLAY with rootlets. Gravel is very angular to subrounded fine to coarse flint. (TOPSOIL)	
				0.40		Soft to firm light brown mottled grey slightly sandy CLAY. Sand is fine to coarse. (HEAD DEPOSITS) Between 0.40mbgl and 0.60mbgl: fine to cobble subangular to subrounded flint.	
				0.60			
				(1.50)		Firm light brown mottled grey slightly sandy CLAY. Sand is fine to coarse. (LONDON CLAY FORMATION)	1
2.00	D,J			2.10		Trialpit Complete at 2.10 m	2
							3
							4

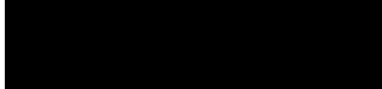
Remarks: Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool. Upon completion the location was backfilled with arisings. Please note soakaway testing was undertaken in this location.

IVN - in-situ hand vane
IPP - in-situ pocket penetrometer
PID - in-situ photoionization detector

D - small disturbed sample (tub)
J - amber glass jar (250ml)
V - amber glass jar (60ml)
B - bulk disturbed sample



Offices:



Plant:

Co-ords:

-

Trialpit No

MSA102

Sheet 1 of 1

Project Name

Water Lane

Project No.

19495

Dimensions (m):

2.70

Location: Angmering**Depth (m)**

1.90

0.60

**Date**

07/09/2015

Scale

1:25

Client: Rydon Homes Ltd & Gleeson Strategic Land**Logged By**

Troy Randall

Samples & In Situ Testing			Water Strike	Depth in metres (thickness)	Legend	Stratum Description	
Depth (m)	Type	Results					
				(0.30)		Crops over dry and friable brown slightly sandy slightly gravelly CLAY. Sand is fine. Gravel is angular to subrounded fine to coarse flint. (TOPSOIL)	
				0.30			
				(1.60)		Orangish brown soft sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to very angular fine to coarse flint. Cobbles of angular flint. (HEAD DEPOSITS)	1
				1.90			
2.70	D,J					Trialpit Complete at 1.90 m	2
							3
							4

Remarks: Prior to the intrusive ground investigation the location was scanned using a cable avoidance tool. Upon completion the location was backfilled with arisings. Please note soakaway testing was undertaken in this location.

IVN - in-situ hand vane
IPP - in-situ pocket penetrometer
PID - in-situ photoionization detector

D - small disturbed sample (tub)
J - amber glass jar (250ml)
V - amber glass jar (60ml)
B - bulk disturbed sample



offices

London

Project Name:

Water Lane

Project No.

19495

Location:

Angmering

Equipment:

Cable Percussion Rig

Co-ords:

Level:

Dates:

13/09/2017

Borehole No.

M8H101

Sheet 1 of 1

Hole Type

CP

Scale

1:50

Logged By

JW

D = small disturbed sample (tub)

J = organic sample (amber glass jar)

V = volatile sample (amber glass vial)

B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)

SPT(S) = Standard Penetration Test (Split Spoon)

HSV = hand shear vane (kPa)

PP = pocket penetrometer (kg.cm2)

PID = photoionisation detector (ppm)

FI = fracture index

TCR = total core recovery

SCR = solid core recovery

RQD = rock quality designation

Remarks

Standpipe is left 0.5m above ground level

