



Plate 1: View along northern boundary showing Babington Court



Plate 2: View from Orde Hall Street looking west showing Chancellors Court, Babington Court and Devonshire Court



Plate 3: View from Dombey Street/ Orde Hall Street



Plate 4: View from Harpur Street showing Windmill, Springwater and Richbell





Plate 5: View from Orde Hall Street showing Chancellor's Court and Play Area



Plate 6: View within site showing courtyard area and Blemundsbury



Plate 7: Slope alongside Blemundsbury



Plate 8: View within site showing courtyard, Chancellor's Court and Blemundsbury and Orde Hall Street beyond

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**APPENDIX 1:** Table detailing GLHER  
References within a 250m radius

**Tybalds Close Estate, Camden, London: Greater London HER References within 250m radius**

<b>HER No.</b>	<b>Site Name</b>	
ELO4654	67-73 SOUTHAMPTON ROW	
ELO4692	Lacon House, Adastral House	
ELO5699	LAMBS CONDUIT ST	
ELO5950	33 QUEEN SQUARE, BLOOMSBURY, WC1	
ELO5712	SOUTHAMPTON ROW	
ELO5713	THEOBALDS RD	
DLO32948	BLOOMSBURY SQUARE Grade II	
MLO80152	NUMBERS 23, 24 AND 25 AND ATTACHED RAILINGS	1900-1999 AD
MLO80154	NUMBERS 26 TO 37 AND 39 TO 40 AND ATTACHED RAILINGS	1720-1724 AD
MLO80155	38 Great James Street	1720 -1724 AD
MLO80156	NUMBERS 9 TO 15 AND ATTACHED RAILINGS	1701-1985 AD
MLO80157	NUMBER 17 AND ATTACHED RAILINGS	1780-1999 AD
MLO80158	19 Great Ormond Street	1688-1899 AD
MLO80159	NUMBERS 21, 23 AND 25 AND ATTACHED RAILINGS TO NUMBER 25	1688-1866 AD
MLO80160	NUMBER 27 AND ATTACHED RAILINGS	1688-1728 AD
MLO80161	NUMBER 41 TO 61 AND ATTACHED RAILINGS	1704 -1866 AD
MLO80162	GREAT ORMOND STREET HOSPITAL CHAPEL IN CENTRAL BLOCK	1871-1876 AD
MLO80173	NUMBER 26 AND ATTACHED RAILINGS	1700-1799 AD
MLO80175	NUMBER 43 AND ATTACHED RAILINGS	1700-1732 AD
MLO80176	NUMBER 44 AND ATTACHED RAILINGS	1690-1899 AD
MLO80177	NUMBER 45 AND ATTACHED RAILINGS	1700-1732 AD
MLO80178	NUMBER 46 AND ATTACHED RAILINGS	1700-1832 AD
MLO80179	NUMBER 47 AND ATTACHED RAILINGS	1700-1990 AD
MLO80149	NUMBER 20 AND ATTACHED RAILINGS	1700 -1999 AD
MLO80151	NUMBERS 21 AND 22 AND ATTACHED RAILINGS	1700-1999 AD
MLO80248	13, 14 AND 15 AND ATTACHED RAILINGS	1800-1832 AD
MLO78526	QUEENS LARDER PUBLIC HOUSE	1700-1899 AD
MLO78527	NUMBER 2 AND ATTACHED RAILINGS	1800-1999 AD
MLO78528	NUMBER 6 AND ATTACHED RAILINGS	1693-1914 AD
MLO78529	NUMBER 7 AND ATTACHED RAILINGS	1767-1832 AD

MLO78530	NUMBER 33 AND ATTACHED RAILINGS	1767-1932 AD
MLO78531	THE MARY WARD CENTRE AND ATTACHED RAILINGS	1700-1999 AD
MLO80380	NUMBERS 23-27 AND ATTACHED RAILINGS	1800-1805 AD
MLO80396	65 Southampton Row	1667-1862 AD
MLO80450	9 Cosmo Place	1700-1999 AD
MLO80455	CHURCH OF ST GEORGE THE MARTYR	1686-1989 AD
MLO80456	ITALIAN HOSPITAL AND ATTACHED WALL AND RAILINGS	1898-1999 AD
MLO80457	NATIONAL HOSPITAL FOR NEUROLOGY	1883-1885 AD
MLO80458	STATUE OF A QUEEN AT NORTH END OF QUEEN SQUARE GARDENS	1755-1795 AD
MLO80459	WATER PUMP AND FOUR BOLLARDS AT SOUTH END OF QUEEN SQUARE	1840 AD
MLO80462	NUMBERS 14-17 AND ATTACHED RAILINGS	1666-1832 AD
MLO80463	SUMMIT HOUSE AND ATTACHED RAILINGS AND WALL	1925 AD
MLO80464	45-46 Red Lion Street	1733- 1999 AD
MLO80465	50 Red Lion Street	1733-1899 AD
MLO80725	25 Old Gloucester Street	1877 -1878 AD
MLO80522	NUMBERS 10-16 AND ATTACHED RAILINGS	1701-1741 AD
MLO80524	FRENCHS DAIRY	1280-1866 AD
MLO80527	NUMBER 18 AND ATTACHED RAILINGS	1833-1866 AD
MLO80559	RUGBY PUBLIC HOUSE	1700-1999 AD
MLO80560	7 Rugby Street	1705-1899 AD
MLO80562	9 Rugby Street	1705-1999 AD
MLO80601	NUMBERS 9-15 AND ATTACHED RAILINGS	1766-1773 AD
MLO80602	NUMBERS 18-22 AND ATTACHED RAILINGS	1709-1999 AD
MLO80657	HAHNEMANN HOUSE (NUMBER 2) AND NUMBER 3 AND ATTACHED RAILINGS	1767 -1932 AD
MLO80704	NUMBERS 1 TO 7 AND ATTACHED RAILINGS AND LAMP HOLDER	1710-1985 AD
MLO80722	24 Old Gloucester Street	1863-1864 AD
MLO79927	14-20 Sicilian Avenue	1906-1999 AD
MLO79996	NUMBER 10 AND ATTACHED RAILINGS	1740-1780 AD
MLO80228	NUMBERS 25-35 AND 35A AND ATTACHED SCREEN TO SICILIAN AVENUE	1906- 1999 AD
MLO80229	VICTORIA HOUSE AND ATTACHED RAILINGS	1926-1932 AD
MLO80230	NUMBER 73 AND ATTACHED RAILINGS	1800-1832 AD
MLO80231	CENTRAL ST MARTINS COLLEGE OF ART AND DESIGN	1905-1908 AD
MLO80233	KINGSWAY TRAM SUBWAY (NORTHERN SECTION ONLY)	1904 -1931 AD



MLO81261	AVENUE CHAMBERS	1906-1999 AD
MLO81430	28 Lamb's Conduit Street	1690-1999 AD
MLO81431	33 Lamb's Conduit Street	1765-1999 AD
MLO81432	NUMBER 43 AND ATTACHED RAILINGS	1700-1715 AD
MLO81433	45 Lamb's Conduit Street	1700-1899 AD
MLO81434	49 Lamb's Conduit Street	1700-1999 AD
MLO81435	51 Lamb's Conduit Street	1700-1832 AD
MLO81436	59 Lamb's Conduit Street	1702-1899 AD
MLO81437	SUN PUBLIC HOUSE	1700-1832 AD
MLO81438	Flat 1 Spens House 72-84 Lamb's Conduit Street	1900-1999 AD
MLO16263	LAMBS CONDUIT ST	
MLO14673	GREAT ORMOND ST	1540-1900 AD
MLO18057	LAMBS CONDUIT ST	
MLO18060	18-20 BLOOMSBURY SQ	1540- 1900 AD
MLO18085	SOUTHAMPTON ROW	
MLO23435	20 QUEEN SOBLOOMSBURY	1066-1900 AD
MLO62747	67-73 SOUTHAMPTON ROW	Unknown
MLO72240	LACON HO	1540-1900 AD
MLO72241	LACON HO	1540-1900 AD
MLO72242	LACON HO	1540-1900 AD
MLO72243	LACON HO	1540-1900 AD
MLO59220	Bloomsbury Square, WC1	Early C17th
MLO102692	Red Lion Square, No.25: Conway Hall	1929
MLO102717	Queen Square, Holborn	
MLO102720	Red Lion Square, Camden	



RAILINGS, TERRACED HOUSE  
TERRACED HOUSE, RAILINGS  
TERRACED HOUSE  
TERRACED HOUSE, RAILINGS  
TERRACED HOUSE, RAILINGS  
TERRACED HOUSE, SHOP  
TERRACED HOUSE, SHOP  
RAILINGS, TERRACED HOUSE  
TERRACED HOUSE, SHOP, RAILINGS  
CHAPEL, HOSPITAL  
TERRACED HOUSE, RAILINGS  
TERRACED HOUSE, RAILINGS  
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TERRACED HOUSE, RAILINGS  
RAILINGS, TERRACED HOUSE  
TERRACED HOUSE, RAILINGS  
TERRACED HOUSE, PUBLIC HOUSE  
TERRACED HOUSE, RAILINGS  
RAILINGS, PRINTING WORKS, GUILDHALL, MEETING HALL, TERRACED HOUSE  
TERRACED HOUSE, RAILINGS

RAILINGS, RELIGIOUS HOUSE, TERRACED HOUSE, HOSPITAL LAUNDRY, CHAPEL  
RAILINGS, OFFICE, TERRACED HOUSE, INFORMATION CENTRE  
RAILINGS, TERRACED HOUSE  
TERRACED HOUSE, RAILINGS  
TERRACED HOUSE, SHOP  
PARISH CHURCH, CHAPEL OF EASE  
CHAPEL, HOSPITAL, RAILINGS  
LOGGIA, NEUROLOGY HOSPITAL, CHAPEL  
STATUE, COMMEMORATIVE MONUMENT  
TROUGH, BOLLARD, WATER PUMP, LAMP BRACKET  
RAILINGS, TERRACED HOUSE  
COMMERCIAL OFFICE, RAILINGS  
RESTAURANT, TERRACED HOUSE  
TERRACED HOUSE, SHOP  
ELEMENTARY SCHOOL, HOUSE  
RAILINGS, TERRACED HOUSE  
DAIRY, SHOP, CONDUIT, TERRACED HOUSE  
RAILINGS, TERRACED HOUSE  
HOUSE, PUBLIC HOUSE  
TERRACED HOUSE, PUBLIC HOUSE  
TERRACED HOUSE  
TERRACED HOUSE, RAILINGS  
TERRACED HOUSE, RAILINGS  
RAILINGS, HOUSE  
TERRACED HOUSE, RAILINGS, LAMP BRACKET  
ELEMENTARY SCHOOL, DATE STONE  
MANSION FLATS  
TERRACED HOUSE, RAILINGS  
COLONNADE, BALUSTRADE, MANSION FLATS  
METAL FRAMED BUILDING, RAILINGS  
TERRACED HOUSE, RAILINGS  
EXHIBITION HALL, ART SCHOOL  
GAS LAMP, RAILINGS, TRAMWAY TUNNEL PORTAL

MANSSION FLATS

TERRACED HOUSE

TERRACED HOUSE

RAILINGS, TERRACED HOUSE

TERRACED HOUSE

TERRACED HOUSE

TERRACED HOUSE

TERRACED HOUSE

PUBLIC HOUSE

TERRACED HOUSE

TOMBSTONE

HOSPITAL

CONDUIT, RESERVOIR

HOUSE

CREMATION

CONDUIT, RESERVOIR

NEGATIVE EVIDENCE

QUARRY

PIT

DRAIN

BUILDING

Early 17th century public square, forming part of the Bedford Estate. The garden redesigned, early 19th century by Humphry Repton, and late 20th century. Hall with library, 1929 by Frederick Herbert Mansford incorporating a mid-late Victorian terrace on Theobalds Road. For the South Place Ethical Society.

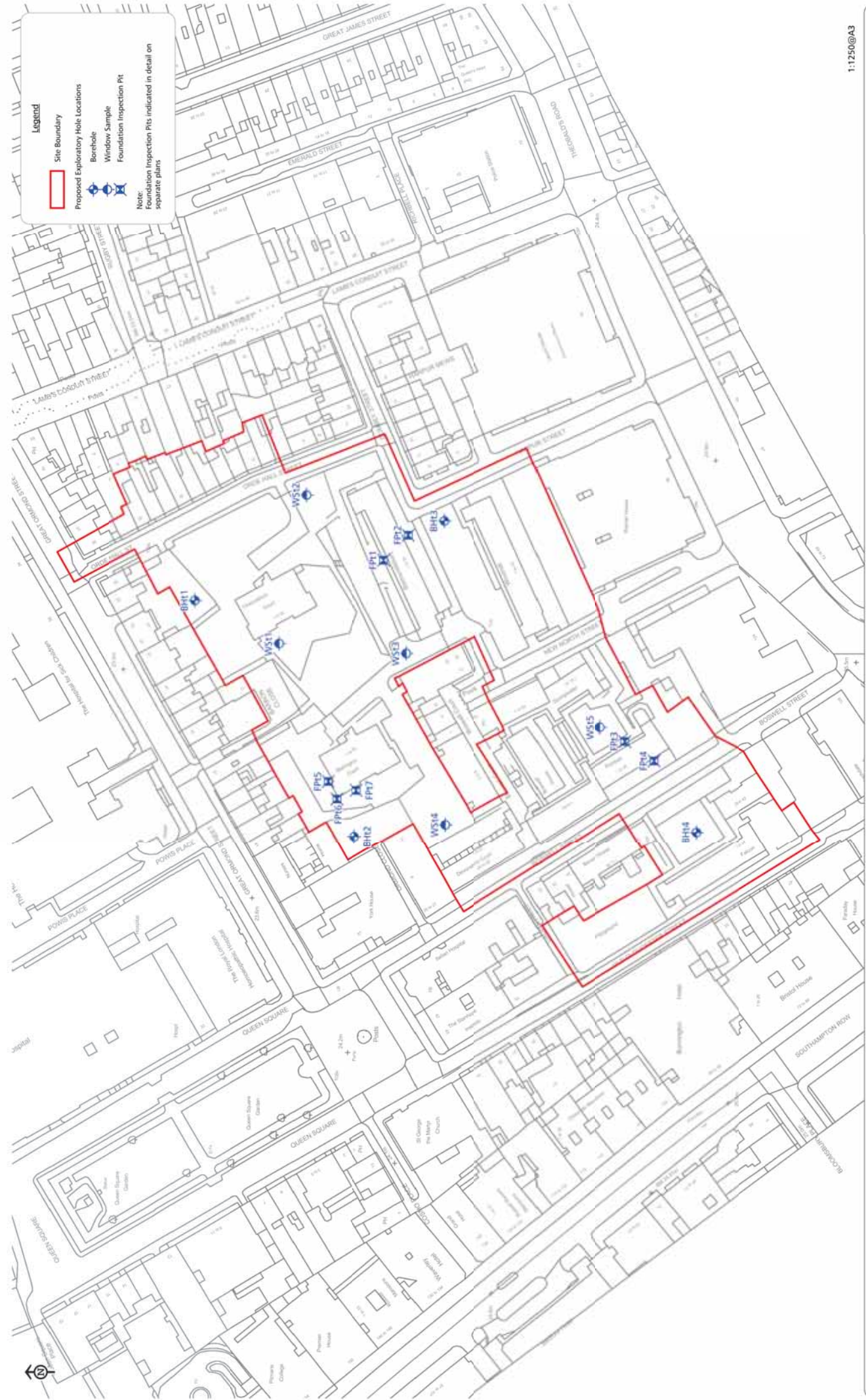
Protected square as designated under the London Squares Preservation Act of 1931. Long rectangular area surrounded by a sparse privet hedge.

Protected square as designated under the London Squares Preservation Act of 1931.<sup>2</sup>

Rectangular enclosure laid out as a public pleasure ground.

**APPENDIX 2:** Preliminary Site Investigation  
Logs (Harrison Group 2012)





**Legend**

- Site Boundary
- Proposed Exploratory Hole Locations
  - Borehole
  - Window Sample
  - Foundation Inspection Pit

Note: Foundation Inspection Pits indicated in detail on separate plans

1:1250@A3

**Tybalds and Bourne**  
Client: London Borough of Camden

**Tybalds:**  
Preliminary Site Investigation Plan

**CampbellReith**  
consulting engineers  
LONDON 020 7240 1700 • MANCHESTER 0161 819 3060  
REDHILL 01793 784 500 • BIRMINGHAM 0121 667 484  
Bristol 0117 216 1000 • www.campbellreith.com



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Date: 2012/07/12  
Drawn by: [Name]  
Checked by: [Name]  
Title: Tybalds and Bourne Preliminary Site Investigation Plan  
Project Reference: [Reference]



**Percussion Borehole Record**

**BH T1**

Project: Tybalds Close Estate, Camden

Project ID.: GL16481

Coordinates:

Ground Level:

Sheet 1 of 4

Description	Legend	Depth (m)	O.D. Level (m)	Samples/ Test		Casing (Water) Depth (m)	Remarks and Test Results	Installations
				Type	Depth (m)			
Grass over segmented CONCRETE PAVEMENT with dark brown organic sandy silt infill.		0.20		ES1	0.15			
MADE GROUND. Red brown and brown occasionally off white and grey silty gravelly fine to coarse SAND. Gravel is angular to subangular fine to coarse brick and ceramic pipe fragments. Occasional lenses of grey brown slightly sandy slightly gravelly silty clay.	[Pattern]	2.90		ES2	0.30			
				D1	0.50			
				ES3	0.50			
				ES4	0.75			
				D2	1.00			
				ES5	1.00			
				C	1.50			
				B1	1.50-1.95			N=5 (2,2,2,1,1,1)
				ES6	1.50			
				D3	2.00			
				ES7	2.00			
				C	2.50			
				B2	2.50-2.95			N=25 (1,1,2,2,8,13)
				ES8	2.50			
				D4	3.00			
ES9	3.00							
Dense orange brown and dark yellow brown silty gravelly fine to coarse SAND. Gravel is subrounded to rounded fine to coarse flint.		3.60		C	3.50			
Dense dark yellow brown silty sandy GRAVEL. Gravel is subrounded to rounded fine to coarse flint.	[Pattern]			ES10	3.50	3.50		N=34 (3,4,6,8,10,10)
				B3	3.50-3.95			
				ES11	4.00			
At 4.50m: becomes very dense.				C	4.50	4.50		50/245mm (4,8,13,12,13,12)
				ES12	4.50			
				B4	4.50-4.95			
(Stiff) brown silty CLAY.		5.10		HV1	5.15			
Firm to stiff fissured grey silty CLAY.	[Pattern]			D5	5.20			90 kPa
				ES13	5.25			90 kPa
				HV2	5.25			110 kPa
				HV3	5.35			105 kPa
				HV4	5.45			105 kPa
				U1	5.50-5.95			100 kPa
				HV5	5.55			
				HV6	5.65			
				D6	6.00			
								S
				D7	7.00-7.45			
				U2	8.50-8.95			
				D8	9.00			

Continued next sheet

Water Level Observations

Hole Diameter Details			Chiselling Details			Date	Water Strike (m)	Standing Time (mins)	Standing Level (m)	Casing Depth (m)	Depth Sealed (m)
Diameter (mm)	Depth (m)	Casing Depth (m)	From (m)	To (m)	Time (hhmm)						
200	26.00	26.00									
150	35.00	30.00									

Client: Tibbalds Planning and Urban Design  
 Engineer: Campbell Reith Hill LLP  
 Contractor: Harrison Group Environmental Limited  
 Dates: 06/03/2012-08/03/2012  
 Plant: Dando 2000 Cable Percussive Rig  
 Drilled By: M. Jones  
 Logged By: G. Dowlen  
 Checked By:

Remarks:  
 1. Inspection pit excavated from GL to 1.20mbgl.  
 2. Groundwater was not encountered.  
 3. Water added to assist drilling from 3.00mbgl to 5.10mbgl (400 litres).  
 4. Installation details: 50mm diameter HDPE standpipe installed from 6.00mbgl to GL. Slotted from 6.00mbgl to 1.00mbgl, plain from 1.00mbgl to GL. Finished with gas tap, end cap and flush fitting cover. Geowrap and geosock used.  
 5. Backfill details: Arisings from 35.00mbgl to 8.00mbgl, bentonite pellets from 8.00mbgl to 6.00mbgl, gravel filter packs from 6.00mbgl to 1.00mbgl, bentonite pellets from 1.00mbgl to 0.20mbgl and concrete from 0.20mbgl to GL.  
 6. Standing Time/ Dayworks: 1.0 hour fencing on 06/03/2012.







Project: Tybalds Close Estate, Camden

Project ID.: GL16481

Coordinates:

Ground Level:

Sheet 3 of 4

Description	Legend	Depth (m)	O.D. Level (m)	Samples/ Test		Casing (Water) Depth (m)	Remarks and Test Results	Installations
				Type	Depth (m)			
Very stiff blue brown and grey CLAY.				D16	20.00			
				U6	20.50-20.95		85 blows 100%	
				D17	21.00			
				S D18	22.00 22.00-22.45	6.00	N=39 (5,7,8,9,10,12)	
				U7	23.50-23.95			
				D19	24.00			
				S D20	25.00 25.00-25.45	6.00	50/255mm (6,7,9,14,18,9)	
				U8	26.50-26.95		100 blows 70%	
				D21	27.00			
				Very stiff dark brown CLAY.		27.70		
			S D22	28.00 28.00-28.45	6.00	50/235mm (5,7,10,15,20,5)		
Very stiff multicoloured CLAY.		28.60						
			U9	29.50-29.95		100 blows 80%		

Water Level Observations

Hole Diameter Details			Chiselling Details			Date	Water Strike (m)	Standing Time (mins)	Standing Level (m)	Casing Depth (m)	Depth Sealed (m)
Diameter (mm)	Depth (m)	Casing Depth (m)	From (m)	To (m)	Time (hhmm)						
200	26.00	26.00									
150	35.00	30.00									

Client: Tibbalds Planning and Urban Design  
 Engineer: Campbell Reith Hill LLP  
 Contractor: Harrison Group Environmental Limited  
 Dates: 06/03/2012-08/03/2012  
 Plant: Dando 2000 Cable Percussive Rig  
 Drilled By: M. Jones  
 Logged By: G. Dowlen  
 Checked By:

Remarks:





Project: Tybalds Close Estate, Camden

Project ID.: GL16481

Coordinates:

Ground Level:

Sheet 4 of 4

Description	Legend	Depth (m)	O.D. Level (m)	Samples/ Test		Casing (Water) Depth (m)	Remarks and Test Results	Installations		
				Type	Depth (m)					
Very stiff multicoloured CLAY.				D23	30.00					
				S D24	31.00 31.00-31.45				6.00	50/235mm (7,9,11,15,18,6)
				U10	32.50-32.95				100 blows	100%
				D25	33.00					
				S D26	34.00 34.00-34.45				6.00	50/156mm (8,10,14,18,18)
Borehole Complete at 35.00 m		35.00						35.00		

Preliminary

Water Level Observations

Hole Diameter Details			Chiselling Details			Date	Water Strike (m)	Standing Time (mins)	Standing Level (m)	Casing Depth (m)	Depth Sealed (m)
Diameter (mm)	Depth (m)	Casing Depth (m)	From (m)	To (m)	Time (hhmm)						
200	26.00	26.00									
150	35.00	30.00									

Client: Tibbalds Planning and Urban Design  
 Engineer: Campbell Reith Hill LLP  
 Contractor: Harrison Group Environmental Limited  
 Dates: 06/03/2012-08/03/2012  
 Plant: Dando 2000 Cable Percussive Rig  
 Drilled By: M. Jones  
 Logged By: G. Dowlen  
 Checked By:

Remarks:



Project: Tybalds Close Estate, Camden

Project ID.: GL16481

Coordinates:

Ground Level:

Sheet 1 of 1

Description	Legend	Depth (m)	O.D. Level (m)	Samples/ Test		Casing (Water) Depth (m)	Remarks and Test Results	Installations
				Type	Depth (m)			
Broken PAVING SLAB.		0.05						
MADE GROUND. Yellow brown silty fine and medium SAND.		0.15						
MADE GROUND. Brown, grey brown and dark brown locally clayey silty gravelly fine to coarse SAND. Gravel is angular fine and medium brick, occasional concrete, rare glass and wood fragments. At 1.00m: concrete. Borehole Complete at 1.00 m		1.00						

Preliminary

Water Level Observations

Hole Diameter Details			Chiselling Details			Date	Water Strike (m)	Standing Time (mins)	Standing Level (m)	Casing Depth (m)	Depth Sealed (m)
Diameter (mm)	Depth (m)	Casing Depth (m)	From (m)	To (m)	Time (hhmm)						
-	35.00										

Client: Tibbalds Planning and Urban Design  
 Engineer: Campbell Reith Hill LLP  
 Contractor: Harrison Group Environmental Limited  
 Dates: 09/03/2012  
 Plant: Dando 2000 Cable Percussive Rig  
 Drilled By: M. Jones  
 Logged By: G. Dowlen  
 Checked By:

Remarks:  
 1. Inspection pit excavated from GL to 1.00mbgl.  
 2. Groundwater was not encountered.  
 3. Concrete obstruction encountered at 1.00mbgl. Borehole terminated and moved to position BH T2A.  
 4. Backfill details: Arisings from 1.00mbgl to GL.  
 5. Standing Time/ Dayworks: 1.0 hour fencing on 09/03/2012.



Project: Tybalds Close Estate, Camden

Project ID.: GL16481

Coordinates:

Ground Level:

Sheet 1 of 2

Description	Legend	Depth (m)	O.D. Level (m)	Samples/ Test		Casing (Water) Depth (m)	Remarks and Test Results	Installations
				Type	Depth (m)			
Broken PAVING SLAB.		0.05		ES1	0.20			
MADE GROUND. Yellow brown silty fine and medium SAND.		0.15		D1	0.50			
				ES2	0.50			
MADE GROUND. Brown, grey brown and grey locally slightly clayey silty gravelly fine and medium occasionally coarse SAND. Gravel is angular fine to coarse and medium brick, occasional concrete, glass, metal and wood fragments.				D2	1.00			
				ES3	1.00			
				C	1.50		N=14 (1,2,3,3,4,4)	
				B1	1.50-1.95			
				ES4	1.50			
				D3	2.00			
				ES5	2.00			
				C	2.50		N=17 (2,3,4,4,4,5)	
				B2	2.50-2.95			
				ES6	2.50			
Dense yellow brown silty fine to coarse SAND and GRAVEL. Gravel is rounded fine to coarse flint.		2.90		D4	3.00			
				ES7	3.00			
				C	3.50	3.50	N=31 (3,4,5,7,9,10)	
				B3	3.50-3.95			
				ES8	3.50			
				C	4.50	4.50	N=43 (4,6,7,10,12,14)	
				B4	4.50-4.95			
				ES9	4.50			
				C	5.50	5.50	N=50 (4,7,9,12,14,15)	
				ES10	5.50			
				B5	5.50-5.95			
(Firm to stiff) brown silty CLAY.		6.20		D5	6.20			
				HV1	6.40		90 kPa	
				ES11	6.50			
				HV2	6.70		105 kPa	
Firm to stiff becoming (very stiff) fissured grey silty CLAY. Occasional light grey silt laminae and fissured infill.		6.60		HV3	6.90		110 kPa	
				U1	7.00-7.45		65 blows 95 kPa 100%	
				HV4	7.00		100 kPa	
				HV5	7.30		120 kPa	
				D6	7.50			
				HV6	7.50			
				HV7	8.00		125 kPa	
				S	8.50	6.50	N=21 (3,4,4,5,6,6)	130 kPa
				D7	8.50-8.95			
				HV8	8.50			
				HV9	9.00		>130 kPa	

Continued next sheet

Water Level Observations

Hole Diameter Details			Chiselling Details			Date	Water Strike (m)	Standing Time (mins)	Standing Level (m)	Casing Depth (m)	Depth Sealed (m)
Diameter (mm)	Depth (m)	Casing Depth (m)	From (m)	To (m)	Time (hhmm)						
150	10.50	6.50									

Client: Tibbalds Planning and Urban Design  
 Engineer: Campbell Reith Hill LLP  
 Contractor: Harrison Group Environmental Limited  
 Dates: 09/03/2012-12/03/2012  
 Plant: Dando 2000 Cable Percussive Rig  
 Drilled By: M. Jones  
 Logged By: G. Dowlen  
 Checked By:

Remarks:  
 1. Inspection pit excavated from GL to 1.20mbgl.  
 2. Groundwater was not encountered.  
 3. Water added to assist drilling from 2.90mbgl to 6.20mbgl (400 litres).  
 4. Installation details: 50mm diameter HDPE standpipe installed from 7.00mbgl to GL. Slotted from 7.00mbgl to 1.00mbgl, plain from 1.00mbgl to GL. Finished with gas tap, end cap and flush fitting cover. Geowrap and geosock used.  
 5. Backfill details: Bentonite pellets from 10.50mbgl to 7.00mbgl, gravel filter packs from 7.00mbgl to 1.00mbgl, bentonite pellets from 1.00mbgl to 0.20mbgl and concrete from 0.20mbgl to GL.  
 6. Standing Time/ Dayworks: 3.0 hours awaiting installation details/materials on 09/03/2012 and 1.0 hour permeability test on 12/03/2012.



Project: Tybalds Close Estate, Camden

Project ID.: GL16481

Coordinates:

Ground Level:

Sheet 2 of 2

Description	Legend	Depth (m)	O.D. Level (m)	Samples/ Test		Casing (Water) Depth (m)	Remarks and Test Results	Installations
				Type	Depth (m)			
Firm to stiff becoming (very stiff) fissured grey silty CLAY. Occasional light grey silt laminae and fissured infill. Borehole Complete at 10.50 m		10.50		U2	10.00-10.45		68 blows 100%	
				D8	10.50			

Preliminary

Water Level Observations

Hole Diameter Details			Chiselling Details			Date	Water Strike (m)	Standing Time (mins)	Standing Level (m)	Casing Depth (m)	Depth Sealed (m)
Diameter (mm)	Depth (m)	Casing Depth (m)	From (m)	To (m)	Time (hhmm)						
150	10.50	6.50									

Client: Tibbalds Planning and Urban Design  
 Engineer: Campbell Reith Hill LLP  
 Contractor: Harrison Group Environmental Limited  
 Dates: 09/03/2012-12/03/2012  
 Plant: Dando 2000 Cable Percussive Rig  
 Drilled By: M. Jones  
 Logged By: G. Dowlen  
 Checked By:

Remarks:





# Percussion Borehole Record

## BH T4

Project: Tybalds Close Estate, Camden

Project ID.: GL16481

Coordinates:

Ground Level:

Sheet 1 of 2

Description	Legend	Depth (m)	O.D. Level (m)	Samples/ Test		Casing (Water) Depth (m)	Remarks and Test Results	Installations				
				Type	Depth (m)							
Reinforced CONCRETE.		0.10		ES1	0.25							
MADE GROUND. Brown, grey brown and grey locally clayey silty gravelly fine to coarse SAND. Gravel is angular fine and medium occasionally coarse brick, rare concrete, occasional glass, metal and wood fragments.				D1	0.50							
				ES2	0.50							
				D2	1.00							
				ES3	1.00							
				C	1.50							
				B1	1.50-1.95		N=26 (2,4,5,6,7,8)					
				ES4	1.50							
				D3	2.00							
				ES5	2.00							
								C	2.50		50/120mm (9,13,27,23)	
Firm to stiff brown and yellow brown slightly gravelly silty sandy CLAY/ clayey fine and medium SAND. Gravel is rounded fine and medium flint.		3.20		B2	2.50-2.95							
				ES6	2.50							
				ES7	3.00							
				D4	3.20							
				C	3.50							
				B3	3.50-3.95	3.50	N=19 (3,4,4,5,5,5)					
				ES8	3.50							
				ES9	4.00							
				D5	4.30							
								C	4.50		N=44 (4,6,9,10,12,13)	
Dense yellow brown silty fine to coarse SAND and GRAVEL. Gravel is subrounded to rounded fine and medium flint.		4.30		ES10	4.50	4.50						
				B4	4.50-4.95							
				ES11	5.00							
				C	5.50							
				ES12	5.50	5.50	N=35 (3,5,7,8,10,10)					
				B5	5.50-5.95							
				ES13	6.00							
								C	7.00		N=30 (4,6,7,7,8,8)	
				(Firm to stiff) brown silty CLAY.  (Stiff) fissured dark grey slightly silty CLAY. Occasional light grey silt laminae and fissured infill. Occasional selenite crystals.		7.40		ES14	7.00			
								B6	7.00-7.45			
ES15	7.50											
HV1	8.00		95 kPa									
ES16	8.00											
HV2	8.30		105 kPa									
U1	8.50-8.95		60 blows					125 kPa 100%				
HV3	8.50											
HV4	9.00		>130 kPa									
D6	9.00											
HV5	9.50		110 kPa									

### Water Level Observations

Hole Diameter Details			Chiselling Details			Date	Water Strike (m)	Standing Time (mins)	Standing Level (m)	Casing Depth (m)	Depth Sealed (m)
Diameter (mm)	Depth (m)	Casing Depth (m)	From (m)	To (m)	Time (hhmm)						
150	10.00	7.50									

Client: Tibbalds Planning and Urban Design  
 Engineer: Campbell Reith Hill LLP  
 Contractor: Harrison Group Environmental Limited  
 Dates: 12/03/2012-13/03/2012  
 Plant: Dando 2000 Cable Percussive Rig  
 Drilled By: M. Jones  
 Logged By: G. Dowlen  
 Checked By:

### Remarks:

- Inspection pit excavated from GL to 1.20mbgl.
- Groundwater was not encountered.
- Water added to assist drilling from 4.30mbgl to 7.40mbgl (200 litres).
- Installation details (Dual): 50mm diameter HDPE standpipe (A) installed from 7.00mbgl to GL. Slotted from 7.00mbgl to 3.00mbgl, plain from 3.00mbgl to GL. 50mm diameter HDPE standpipe (B) installed from 2.00mbgl to GL. Slotted from 2.00mbgl to 1.00mbgl, plain from 1.00mbgl to GL. Finished with gas taps, end caps and flush fitting cover. Geowrap and geosock used.
- Backfill details: Bentonite pellets from 10.45mbgl to 7.00mbgl, gravel filter packs from 7.00mbgl to 3.00mbgl, bentonite pellets from 3.00mbgl to 2.00mbgl, gravel filter packs from 2.00mbgl to 1.00mbgl, bentonite pellets from 1.00mbgl to 0.20mbgl and concrete from 0.20mbgl to GL.
- Standing Time/ Dayworks: 2.0 hours awaiting access to the site, 1.0 hour breaking out on 12/03/2012 and 1.0 hour permeability test on 13/03/2012.



Project: Tybalds Close Estate, Camden

Project ID.: GL16481

Coordinates:

Ground Level:

Sheet 2 of 2

Description	Legend	Depth (m)	O.D. Level (m)	Samples/ Test		Casing (Water) Depth (m)	Remarks and Test Results	Installations
				Type	Depth (m)			
(Stiff) fissured dark grey slightly silty CLAY. Occasional light grey silt laminae and fissured infill. Occasional selenite crystals. Borehole Complete at 10.45 m		10.45		C HV6 D7	10.00 10.00 10.00-10.45	7.50	N=22 (3,4,4,5,6,7) 115 kPa	10.45

Preliminary

Water Level Observations

Hole Diameter Details			Chiselling Details			Date	Water Strike (m)	Standing Time (mins)	Standing Level (m)	Casing Depth (m)	Depth Sealed (m)
Diameter (mm)	Depth (m)	Casing Depth (m)	From (m)	To (m)	Time (hhmm)						
150	10.00	7.50									

Client: Tibbalds Planning and Urban Design  
 Engineer: Campbell Reith Hill LLP  
 Contractor: Harrison Group Environmental Limited  
 Dates: 12/03/2012-13/03/2012  
 Plant: Dando 2000 Cable Percussive Rig  
 Drilled By: M. Jones  
 Logged By: G. Dowlen  
 Checked By:

Remarks:



Project: Tybalds Close Estate, Camden

Project ID: GL16481

Trial Pit Length:  
Trial Pit Width:  
Trial Pit Orientation:

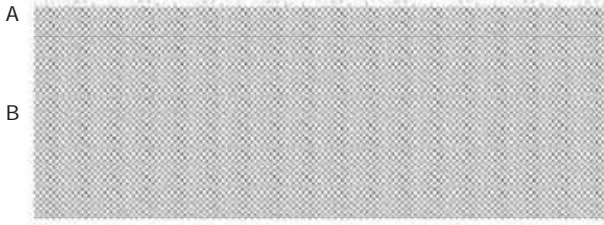
Coordinates:

Ground Level:

**SECTION**

Depth (m)  
Ground Level

0.15



0.75

Sample / Test

Remarks  
and  
Test Results

Type Depth(m)

ES1 0.30

ES2 0.70

**LITHOLOGY**

A Reinforced CONCRETE.

B MADE GROUND. Brown, grey brown and grey locally clayey silty gravelly fine and medium occasionally coarse SAND. Gravel is angular fine to coarse brick, rare concrete, occasional wood, metal and glass fragments.

**Client:** Tibbalds Planning and Urban Design  
**Engineer:** Campbell Reith Hill LLP  
**Contractor:** Harrison Group Environmental Limited  
**Date:** 08/03/2012  
**Plant:** Hand Excavated Trial Pit  
**Logged By:** R. Caplin  
**Checked By:**

Water Level Observations

Date	Water Strike (m)	Standing Time (Mins)	Standing Level (m)

Remarks: 1. Trial pit terminated at 0.75mbgl due to obstruction.  
2. Groundwater was not encountered.  
3. Backfill details: Arisings from 0.75mbgl to GL.



Project: Tybalds Close Estate, Camden

Project ID: GL16481

Trial Pit Length:  
Trial Pit Width:  
Trial Pit Orientation:

Coordinates:

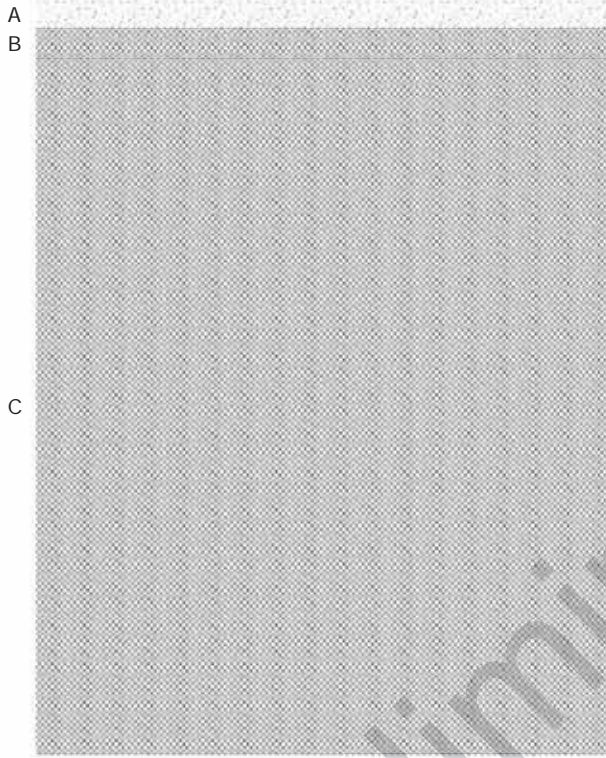
Ground Level:

Sample / Test		Remarks and Test Results
Type	Depth(m)	

**SECTION**

Depth (m)  
Ground Level

0.10  
0.20



2.50

**LITHOLOGY**

- A Broken CONCRETE paving slab.
- B MADE GROUND. Yellow brown silty fine and medium SAND.
- C MADE GROUND. Brown, grey brown and grey locally slightly clayey silty SAND and GRAVEL. Sand is fine and medium occasionally coarse. Gravel is angular to rounded fine to coarse brick, concrete, occasional wood, metal and glass fragments. At 0.40m: gas main exposed at the end of the trial pit.

Client: Tibbalds Planning and Urban Design  
 Engineer: Campbell Reith Hill LLP  
 Contractor: Harrison Group Environmental Limited  
 Date: 08/03/2012  
 Plant: JCB 3CX  
 Logged By: R. Caplin  
 Checked By:

Water Level Observations

Date	Water Strike (m)	Standing Time (Mins)	Standing Level (m)

Remarks: 1. Trial pit terminated at 2.50mbgl.  
 2. Groundwater was not encountered.  
 3. Backfill details: Arisings from 2.50mbgl to GL.





Project: Tybalds Close Estate, Camden

Project ID: GL16481

Trial Pit Length:  
Trial Pit Width:  
Trial Pit Orientation:

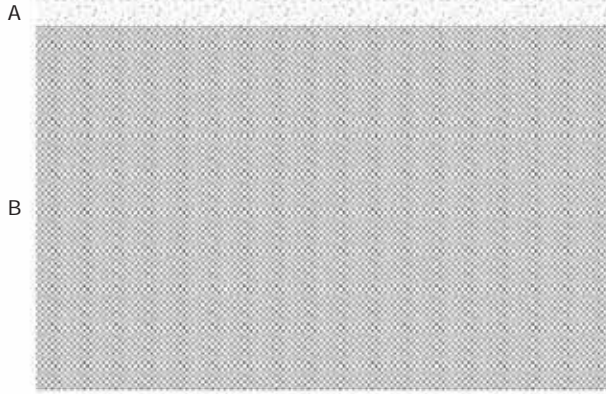
Coordinates:

Ground Level:

**SECTION**

Depth (m)  
Ground Level

0.10



1.30

Sample / Test		Remarks and Test Results
Type	Depth(m)	

ES1 0.20

ES2 0.50

ES3 1.00

**LITHOLOGY**

A CONCRETE paving slab over SAND.

B MADE GROUND. Grey brown slightly clayey gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse brick, concrete, flint, occasional tile and asphalt. Frequent fine roots. frequent brick and concrete cobbles and boulders.

Client: Tibbalds Planning and Urban Design  
 Engineer: Campbell Reith Hill LLP  
 Contractor: Harrison Group Environmental Limited  
 Date: 08/03/2012  
 Plant: Hand Excavated Trial Pit  
 Logged By: R. Caplin  
 Checked By:

Water Level Observations

Date	Water Strike (m)	Standing Time (Mins)	Standing Level (m)

Remarks: 1. Trial pit terminated at 1.30mbgl.  
 2. Groundwater was not encountered.  
 3. Backfill details: Arisings from 1.30mbgl to GL.



Project: Tybalds Close Estate, Camden

Project ID: GL16481

Trial Pit Length:  
Trial Pit Width:  
Trial Pit Orientation:

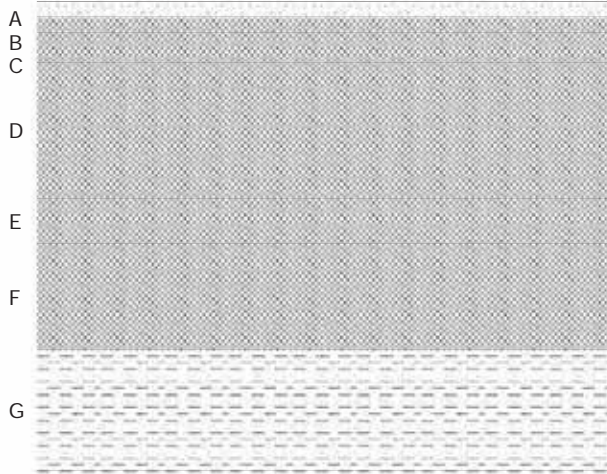
Coordinates:

Ground Level:

**SECTION**

Depth (m)  
Ground Level

0.05  
0.10  
0.20  
  
0.65  
0.80  
  
1.15  
  
1.55



Sample / Test		Remarks and Test Results
Type	Depth(m)	
ES1	0.20	
ES2	0.50	
ES3	0.80	
ES4	1.00	
ES5	1.50	

**LITHOLOGY**

- A CONCRETE paving slab over SAND.
- B MADE GROUND. Orange fine and medium SAND.
- C MADE GROUND. Brown and black sandy GRAVEL. Sand is fine to coarse. Gravel is subangular to subrounded fine and medium ash, clinker, slag, frequent brick, concrete, glass and occasional flint.
- D MADE GROUND. Grey and pale brown slightly silty very gravelly medium and coarse SAND. Gravel is subangular to subrounded fine and medium brick, conc, glass, occasional chalk and metal fragments. Occasional iron staining throughout. Frequent brick, concrete and mortar cobbles and boulders (200-250mm). Rare metal (300mm) and ceramic pipe (350-400mm) fragments.
- E MADE GROUND. Orange brown gravelly slightly clayey fine to coarse SAND. Gravel is subangular to subrounded fine and medium flint, occasional brick and concrete fragments.
- F MADE GROUND. Grey brown slightly sandy CLAY/SILT. Occasional subangular to subrounded fine and medium brick, flint and chalk gravel. Occasional peat pockets and orange brown clay lenses.
- G Dark Orange brown slightly sandy CLAY. Sand is fine and medium occasionally coarse. Occasional subangular to subrounded medium flint gravel and dark grey clay lenses in depth.

Client: Tibbalds Planning and Urban Design  
 Engineer: Campbell Reith Hill LLP  
 Contractor: Harrison Group Environmental Limited  
 Date: 08/03/2012  
 Plant: Hand Excavated Trial Pit  
 Logged By: R. Caplin  
 Checked By:

Water Level Observations			
Date	Water Strike (m)	Standing Time (Mins)	Standing Level (m)

Remarks: 1. Trial pit terminated at 1.55mbgl.  
 2. Groundwater was not encountered.  
 3. Backfill details: Arisings from 1.55mbgl to GL.



Project: Tybalds Close Estate, Camden

Project ID: GL16481

Trial Pit Length:  
Trial Pit Width:  
Trial Pit Orientation:

Coordinates:

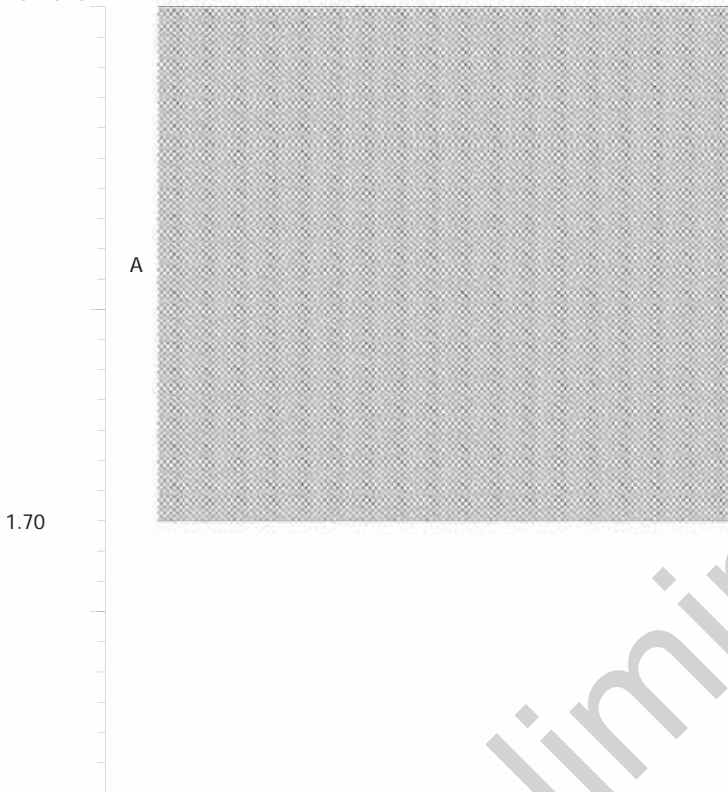
Ground Level:

Sample / Test		Remarks and Test Results
Type	Depth(m)	

ES1	0.20	
ES2	0.50	
ES3	1.00	
ES4	1.50	

**SECTION**

Depth (m)  
Ground Level



**LITHOLOGY**

A MADE GROUND. Brown slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse brick, concrete, asphalt, mortar, glass, ash and clinker. Frequent brick and concrete cobbles and boulders.

Client: Tibbalds Planning and Urban Design  
 Engineer: Campbell Reith Hill LLP  
 Contractor: Harrison Group Environmental Limited  
 Date: 08/03/2012  
 Plant: Hand Excavated Trial Pit  
 Logged By: R. Caplin  
 Checked By:

Water Level Observations			
Date	Water Strike (m)	Standing Time (Mins)	Standing Level (m)

Remarks: 1. Trial pit terminated at 1.70mbgl.  
2. Groundwater was not encountered.  
3. Backfill details: Arisings from 1.70mbgl to GL.



Project: Tybalds Close Estate, Camden

Project ID: GL16481

Trial Pit Length:  
Trial Pit Width:  
Trial Pit Orientation:

Coordinates:

Ground Level:

**SECTION**

Depth (m)  
Ground Level

0.10

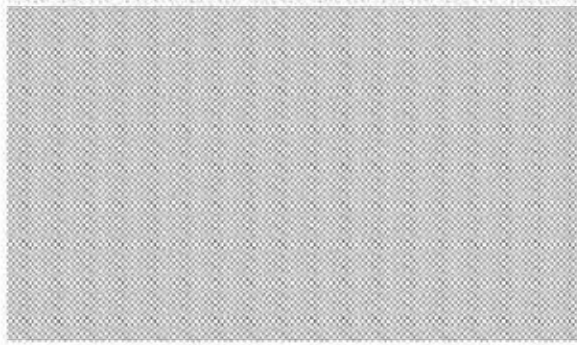


0.40



C

1.50



Sample / Test

Type Depth(m)

Remarks and Test Results

ES1 0.20

ES2 0.50

ES3 1.00

**LITHOLOGY**

A CONCRETE paving slab over SAND.

B CONCRETE foundation pad.

C MADE GROUND. Grey brown slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine and medium brick, asphalt, concrete, clinker, slag, flint, mortar and rare metal (rebar) fragments. Frequent brick, concrete and mortar cobbles and rare boulders.

Client: Tibbalds Planning and Urban Design  
Engineer: Campbell Reith Hill LLP  
Contractor: Harrison Group Environmental Limited  
Date: 08/03/2012  
Plant: Hand Excavated Trial Pit  
Logged By: R. Caplin  
Checked By:

Water Level Observations

Date Water Strike (m) Standing Time (Mins) Standing Level (m)

Remarks: 1. Trial pit terminated at 1.50mbgl.  
2. Groundwater was not encountered.  
3. Backfill details: Arisings from 1.50mbgl to GL.



Project: Tybalds Close Estate, Camden

Project ID: GL16481

Trial Pit Length:  
Trial Pit Width:  
Trial Pit Orientation:

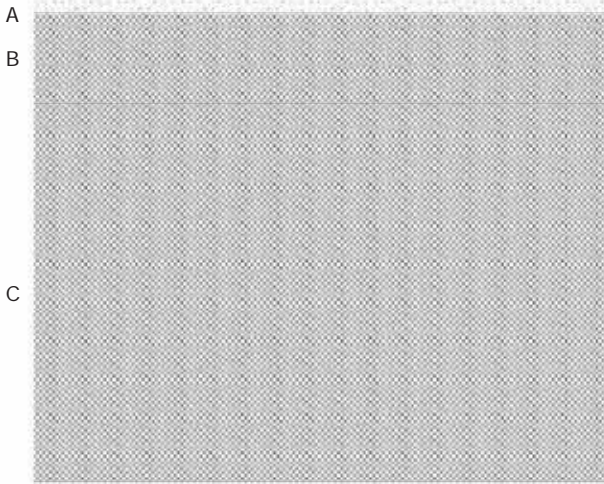
Coordinates:

Ground Level:

**SECTION**

Depth (m)  
Ground Level

0.05



Sample / Test

Type Depth(m)

Remarks and Test Results

ES1 0.20

ES2 0.50

ES3 1.00

ES4 1.50

**LITHOLOGY**

A CONCRETE paving slab over SAND.

B MADE GROUND. Red brown sandy GRAVEL with sandy clay infill. Gravel is angular to subangular fine and medium brick, asphalt and concrete fragments. Occasional brick cobbles.

C MADE GROUND. Grey brown slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine and medium brick, asphalt, concrete, flint, mortar, occasional tile and glass fragments. Frequent brick, concrete, mortar cobbles and rare boulders. From 1.30m: gravel include occasional clinker and metal fragments.

Client: Tibbalds Planning and Urban Design  
Engineer: Campbell Reith Hill LLP  
Contractor: Harrison Group Environmental Limited  
Date: 08/03/2012  
Plant: Hand Excavated Trial Pit  
Logged By: R. Caplin  
Checked By:

Water Level Observations

Date	Water Strike (m)	Standing Time (Mins)	Standing Level (m)

Remarks: 1. Trial pit terminated at 1.60mbgl.  
2. Groundwater was not encountered.  
3. Backfill details: Arisings from 1.60mbgl to GL.





Project: Tybalds Close Estate, Camden

Project ID: GL16481

Coordinates:

Ground Level:

Description	Legend	Depth (m)	O.D. Level (m)	Sample Test		Remarks and Test Results	Installations
				Type	Depth (m)		
Grass over TOPSOIL. Dark brown organic sandy SILT.		0.20		ES1	0.10		
MADE GROUND. Brown and dark brown silty gravelly fine and medium occasionally coarse SAND. Gravel is angular fine and medium occasionally coarse brick.				ES2	0.30		
		ES3		0.80			
		ES4		1.20			
MADE GROUND. (Firm to stiff) brown, grey brown and grey silty sandy gravelly CLAY. Gravel is angular fine to coarse brick and rare concrete.		ES5		1.60			
		ES6		2.00			
		ES7		2.40			
MADE GROUND. Brown, dark grey and grey brown slightly clayey silty gravelly fine and medium occasionally coarse SAND. Gravel is angular to rounded fine and medium occasionally coarse brick and occasional flint.		ES8		2.60			
		ES9		3.00			
Window Sample Complete at 3.00 m		3.00					3.00

Preliminary

Water Level Observations

Drive Records				Date	Water Strike (m)	Standing Time (Mins)	Standing Level (m)	Casing Depth (m)	Depth Sealed (m)
Diameter (mm)	From (m)	To (m)	Recovery (%)						
115	1.20	2.00	100						
115	2.00	3.00	100						

**Client:** Tibbalds Planning and Urban Design  
**Engineer:** Campbell Reith Hill LLP  
**Contractor:** Harrison Group Environmental Limited  
**Date:** 06/03/2012  
**Plant:** Premier Window Sampling Rig  
**Drilled By:** M. Rose  
**Logged By:** G. Dowlen  
**Checked By:**

**Remarks:**  
 1. Inspection pit excavated from GL to 1.20mbgl.  
 2. Groundwater was not encountered.  
 3. Backfill details: Arisings from 3.00mbgl to GL.



Project: Tybalds Close Estate, Camden

Project ID: GL16481

Coordinates:

Ground Level:

Description	Legend	Depth (m)	O.D. Level (m)	Sample Test		Remarks and Test Results	Installations
				Type	Depth (m)		
TOPSOIL. Dark brown organic sandy SILT.		0.20					
MADE GROUND. Brown and dark brown silty gravelly fine to coarse SAND. Gravel is angular fine and medium occasionally coarse brick.		0.40 0.41					
CONCRETE. Window Sample Complete at 0.41 m							

Preliminary

Water Level Observations

Drive Records

Diameter (mm)	From (m)	To (m)	Recovery (%)	Date	Water Strike (m)	Standing Time (Mins)	Standing Level (m)	Casing Depth (m)	Depth Sealed (m)

**Client:** Tibbalds Planning and Urban Design  
**Engineer:** Campbell Reith Hill LLP  
**Contractor:** Harrison Group Environmental Limited  
**Date:** 06/03/2012  
**Plant:** Premier Window Sampling Rig  
**Drilled By:** M. Rose  
**Logged By:** G. Dowlen  
**Checked By:**

**Remarks:**  
 1. Inspection pit excavated from GL to 0.41mbgl.  
 2. Groundwater was not encountered.  
 3. Concrete obstruction encountered at 0.41mbgl. Window sample hole terminated and moved to position WS T2A.  
 4. Backfill details: Arisings from 0.41mbgl to GL.



Project: Tybalds Close Estate, Camden

Project ID: GL16481

Coordinates:

Ground Level:

Description	Legend	Depth (m)	O.D. Level (m)	Sample Test		Remarks and Test Results	Installations				
				Type	Depth (m)						
TOPSOIL. Dark brown organic sandy SILT.		0.20		ES1	0.10						
MADE GROUND. Brown and dark brown silty gravelly fine to coarse SAND. Gravel is angular fine and medium occasionally coarse brick.				ES2	0.30						
				ES3	0.70						
				ES4	1.10						
MADE GROUND. (Firm to stiff) brown, dark brown and grey brown silty sandy gravelly CLAY. Gravel is angular fine to coarse brick and rare concrete.				1.20				ES5	1.50		
								ES6	2.00		
								ES7	2.50		
								ES8	3.00		
Window Sample Complete at 3.00 m		3.00					3.00				

Preliminary

### Water Level Observations

Drive Records				Date	Water Strike (m)	Standing Time (Mins)	Standing Level (m)	Casing Depth (m)	Depth Sealed (m)
Diameter (mm)	From (m)	To (m)	Recovery (%)						
115	1.20	2.00	100						
115	2.00	3.00	100						

**Client:** Tibbalds Planning and Urban Design  
**Engineer:** Campbell Reith Hill LLP  
**Contractor:** Harrison Group Environmental Limited  
**Date:** 06/03/2012  
**Plant:** Premier Window Sampling Rig  
**Drilled By:** M. Rose  
**Logged By:** G. Dowlen  
**Checked By:**

**Remarks:**  
 1. Inspection pit excavated from GL to 1.20mbgl.  
 2. Groundwater was not encountered.  
 3. Backfill details: Arisings from 3.00mbgl to GL.



Project: Tybalds Close Estate, Camden

Project ID: GL16481

Coordinates:

Ground Level:

Description	Legend	Depth (m)	O.D. Level (m)	Sample Test		Remarks and Test Results	Installations
				Type	Depth (m)		
Grass over MADE GROUND. Dark brown organic slightly clayey slightly gravelly SILT. Gravel is angular fine and medium brick.  MADE GROUND. Brown, dark brown and grey brown silty gravelly fine to coarse SAND. Gravel is angular fine and medium occasionally coarse brick.		0.20		ES1	0.10		
				ES2	0.30		
				ES3	0.60		
				ES4	1.00		
MADE GROUND. (Soft to firm) dark grey and black slightly gravelly silty sandy CLAY. Gravel is angular fine and medium brick. Occasional pockets of black ash.		1.40		ES5	1.50		
				ES6	1.60		
MADE GROUND. Red brown angular fine to coarse brick GRAVEL. Occasional brick cobbles and pockets of black ash.		2.10		ES7	2.00		
				ES8	2.20		
Window Sample Complete at 3.00 m		3.00		ES9	2.90		

Preliminary

Water Level Observations

Drive Records				Date	Water Strike (m)	Standing Time (Mins)	Standing Level (m)	Casing Depth (m)	Depth Sealed (m)
Diameter (mm)	From (m)	To (m)	Recovery (%)						
115	1.20	2.00	100						
115	2.00	3.00	100						

**Client:** Tibbalds Planning and Urban Design  
**Engineer:** Campbell Reith Hill LLP  
**Contractor:** Harrison Group Environmental Limited  
**Date:** 06/03/2012  
**Plant:** Premier Window Sampling Rig  
**Drilled By:** M. Rose  
**Logged By:** G. Dowlen  
**Checked By:**

**Remarks:**  
 1. Inspection pit excavated from GL to 1.20mbgl.  
 2. Groundwater was not encountered.  
 3. Backfill details: Arisings from 3.00mbgl to GL.



Project: Tybalds Close Estate, Camden

Project ID: GL16481

Coordinates:

Ground Level:

Description	Legend	Depth (m)	O.D. Level (m)	Sample Test		Remarks and Test Results	Installations
				Type	Depth (m)		
Broken PAVING SLAB.		0.05					
MADE GROUND. Off white weakly cemented fine and medium SAND.		0.15		ES1	0.20		
MADE GROUND. Brown, grey brown and dark brown slightly clayey silty gravelly fine to coarse SAND. Gravel is angular fine to coarse brick and rare concrete. Occasional brick and concrete cobbles.				ES2	0.50		
				ES3	0.90		
		1.50		ES4	1.40		
MADE GROUND. (Soft to firm) dark grey, grey brown and brown slightly sandy slightly gravelly silty CLAY. Gravel is angular fine to coarse brick and rare concrete.				ES5	1.60		
				ES6	2.00		
(Firm to stiff) brown and yellow brown slightly sandy slightly gravelly silty CLAY. Gravel is subrounded fine and medium flint.		2.10					
Window Sample Complete at 2.30 m		2.30		ES7	2.30		2.30

Preliminary

### Water Level Observations

Drive Records				Date	Water Strike (m)	Standing Time (Mins)	Standing Level (m)	Casing Depth (m)	Depth Sealed (m)
Diameter (mm)	From (m)	To (m)	Recovery (%)						
115	1.20	2.00	100						
115	2.00	2.30	100						

**Client:** Tibbalds Planning and Urban Design  
**Engineer:** Campbell Reith Hill LLP  
**Contractor:** Harrison Group Environmental Limited  
**Date:** 06/03/2012  
**Plant:** Premier Window Sampling Rig  
**Drilled By:** M. Rose  
**Logged By:** G. Dowlen  
**Checked By:**

**Remarks:**  
 1. Inspection pit excavated from GL to 1.20mbgl.  
 2. Groundwater was not encountered.  
 3. Window sample hole terminated at 2.30mbgl due to density of the strata encountered.  
 4. Backfill details: Arisings from 2.30mbgl to GL.

**Cgms**

[www.cgms.co.uk](http://www.cgms.co.uk)

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