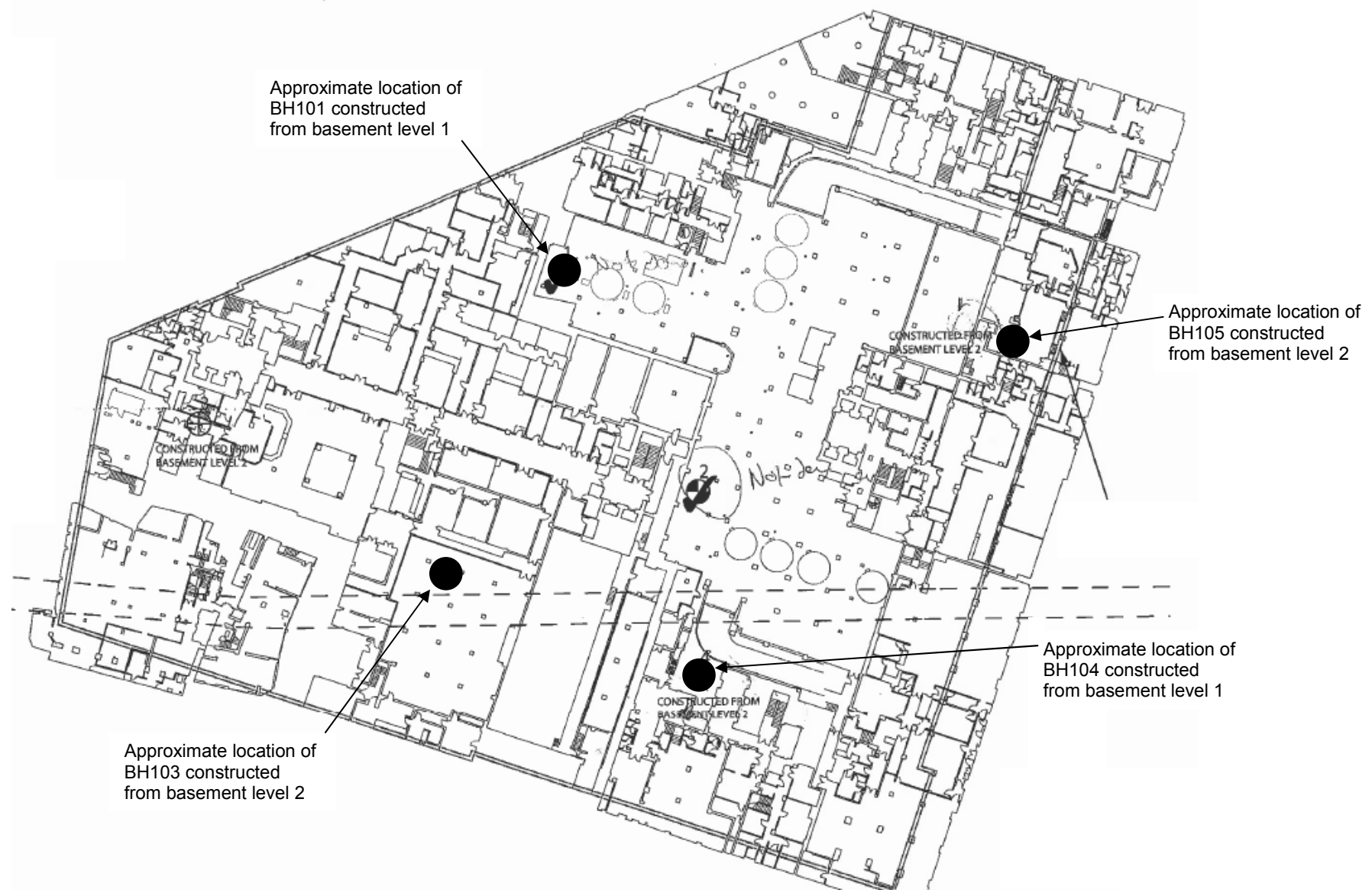


**A14.8 – The Walbrook Square
Development (Borehole Information)
(Soiltechnics)**



Approximate location of BH101 constructed from basement level 1

Approximate location of BH105 constructed from basement level 2

Approximate location of BH104 constructed from basement level 1

Approximate location of BH103 constructed from basement level 2

Notes
1. Base plan supplied by Adams Kara Taylor

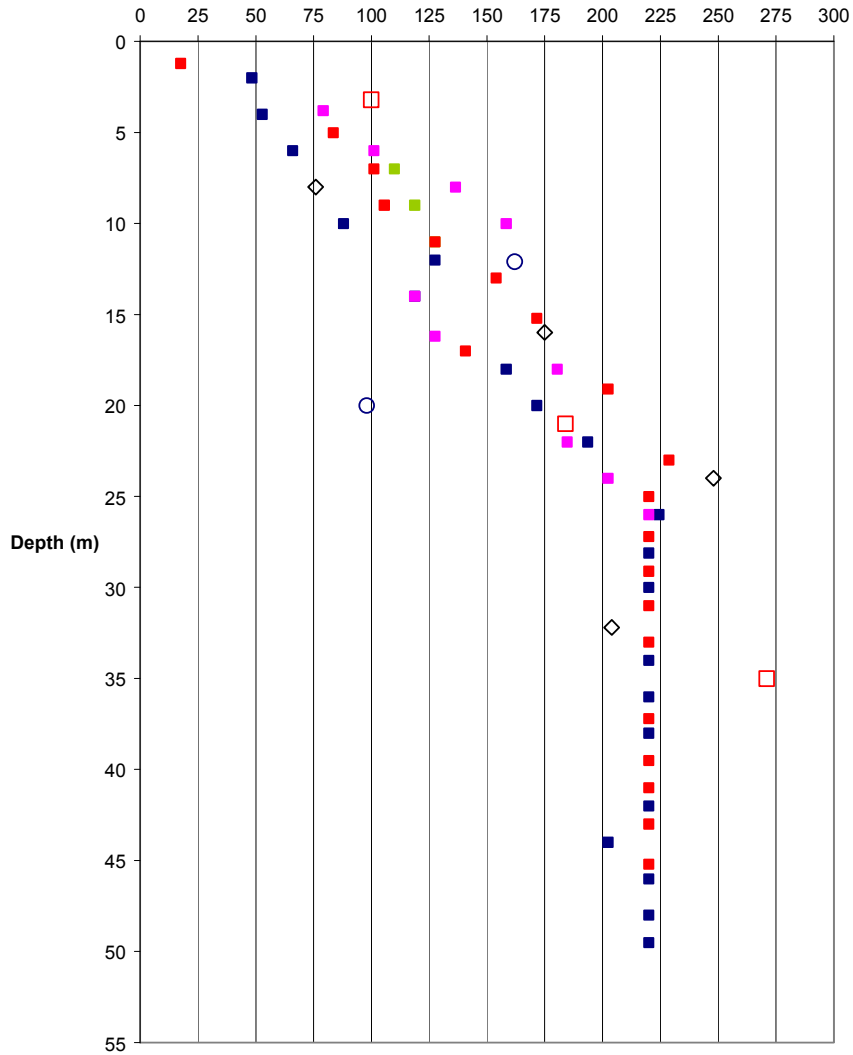


Project
Walbrook Square, London

Title
Existing site features and approximate location of exploratory boreholes

scale	date	drawn by	checked by
NTS	23.04.08	DD	
project ref	drg no	revision	
STD1150U	02		

Equivalent Undrained Shear Strength Value (kN/m²) Derived from Standard Penetration Test (SPT) N Values and Laboratory Testing



Key

■	BH101
■	BH103
■	BH104
■	BH105
○	BH103 (lab)
◇	BH101 (lab)
□	BH105 (lab)

Strength description	Very Soft	Soft	Firm	Stiff	Very Stiff
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Notes.

- 1) Equivalent undrained shear strength derived from SPT N values converted by a multiple of 4.4 for London Clay (following Stroud and Butler)
- 2) Strength described following BS5930 for fine soils only, based on undrained shear strength (kPa)



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
Project

Walbrook Square, London

Title

Plot summarising insitu density testing.


scale	date	drawn by	checked by
As shown	23.04.08	SN	
project ref		drg no	revision
STD1150U		03	

CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING					
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE			
1.5	DRY	Dense grey concrete.		0.0	SPT 2.0-2.45m	(4) 11	2.0	2.4	B			
		0.3		Soft brown sandy slightly gravelly CLAY. Gravel consists of flint, concrete and occasional metal. (MADE GROUND)						1.8	3.0	D
		2.4		Firm brown slightly sandy CLAY (ALLUVIUM)						4.9		
2.3	DRY	Firm brown CLAY. (LONDON CLAY)		4.9	SPT 4.0-4.45m	(4) 12	4.0	5.0	D			
		2.3		Firm dark brown becoming dark grey CLAY. (LONDON CLAY)						6.0	6.0	D
2.3	DRY				SPT 6.0-6.45m	(3) 15			D			

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
150mm	0.0m	50.0m	27.8m	Minor seepage	N/A	07.11.07	2.3m

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 1 OF 8


 <p>SOILTECHNICS GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS Cedar Barn, White Lodge, Walgrave, Northampton. NN6 9PY. Tel: (01604) 781877 Fax: (01604) 781007 E-mail: mail@soiltechnics.net</p>	GROUND LEVEL	CO-ORDINATES
	LOCATION PLAN ON DRAWING No STD1150U-02	DATE OF EXCAVATION 05-09.11.07
	PROJECT Walbrook Square, London	
	PROJECT REF. STD1150U	BOREHOLE No BH101

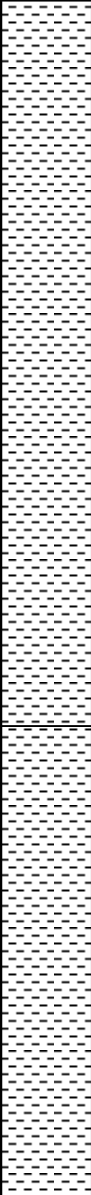
CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING			
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE	
2.3	DRY			7.0			7.0		D	
2.3	DRY	Stiff dark grey CLAY. (LONDON CLAY)		8.45			8.0	8.45	U 100 (50) D	
							9.0		D	
2.3	DRY					SPT 10.0-10.45m	(5) 20	10.0		D
								11.0		D
2.3	DRY						12.0		D	
					SPT 12.0-12.45m	(7) 29			D	
							13.0		D	

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
150mm	0.0m	50.0m	27.8m	Minor seepage	N/A	07.11.07	2.3m

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 2 OF 8


 <p>SOILTECHNICS GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS Cedar Barn, White Lodge, Walgrave, Northampton. NN6 9PY. Tel: (01604) 781877 Fax: (01604) 781007 E-mail: mail@soiltechnics.net</p>	GROUND LEVEL	CO-ORDINATES
	LOCATION PLAN ON DRAWING No STD1150U-02	DATE OF EXCAVATION 05-09.11.07
	PROJECT Walbrook Square, London	
	PROJECT REF. STD1150U	BOREHOLE No BH101

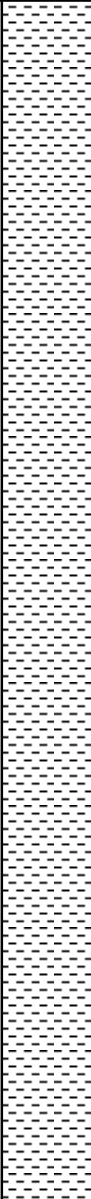
CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING			
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE	
2.3	DRY				SPT 14.0-14.45m	(7) 27	14.0		D	
								15.0		D
2.3	DRY							16.0	16.45	U 100 (80)
								16.45		D
								17.0		D
2.3	DRY	Very stiff dark grey CLAY. (LONDON CLAY)		18.0	SPT 18.0m	(8) 36	18.0		D	
								19.0		D
								20.2		D
2.3	DRY				SPT 20.0m	(10) 39	20.2		D	

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
150mm	0.0m	50.0m	27.8m	Minor seepage	N/A	07.11.07	2.3m

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 3 OF 8


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	LOCATION PLAN ON DRAWING No STD1150U-02	DATE OF EXCAVATION 05-09.11.07
	PROJECT Walbrook Square, London	
	PROJECT REF. STD1150U	BOREHOLE No BH101

CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING		
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE
2.3	DRY	Very stiff dark grey CLAY. (LONDON CLAY)				21.0		D	
				SPT 22.0-22.45m	(12) 44	22.0		D	
						23.0		D	
2.3	DRY					24.0	24.35	U 100 (100)	
						24.45		D	
						25.0		D	
2.3	DRY			SPT 26.0-26.45m	(14) 51	26.0		D	
						27.0		D	
						27.8		D	

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
150mm	0.0m	50.0m	27.8m	Minor seepage	N/A	07.11.07	2.3m

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 4 OF 8

 <p>SOILTECHNICS</p> <p>.....</p> <p>GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS</p> <p><i>Cedar Barn, White Lodge, Walgrave, Northampton. NN6 9PY. Tel: (01604) 781877 Fax: (01604) 781007 E-mail: mail@soiltechnics.net</i></p>	GROUND LEVEL	CO-ORDINATES
	LOCATION PLAN ON DRAWING No STD1150U-02	DATE OF EXCAVATION 05-09.11.07
	PROJECT Walbrook Square, London	
	PROJECT REF. STD1150U	BOREHOLE No BH101

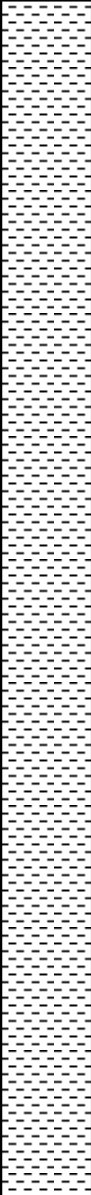
CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING						
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE				
2.3	DRY	Very stiff dark grey CLAY. (LONDON CLAY)		30.0	SPT	(13) 50	28.1		D				
					28.1-28.55m	(265mm)							
									29.1		D		
2.3	DRY			30.0	SPT	(15) 50	30.0		D				
					30-30.45m	(265mm)							
									31.0		D		
2.3	DRY			30.0			32.2	32.6	U 100				
													(100)
											32.65		D
							33.0		D				
2.3	DRY	Brown CLAYSTONE. (LONDON CLAY)		33.7			33.7		D				
		Very stiff dark grey CLAY. (LONDON CLAY)		33.8			SPT	(15) 50	34.0		D		
		Brown CLAYSTONE. (LONDON CLAY)		35.3			34.0-34.45m	(265mm)					
		Very stiff dark grey CLAY. (LONDON CLAY)		36.4									
		Very stiff dark grey CLAY. (LONDON CLAY)											

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
150mm	0.0m	50.0m	27.8m	Minor seepage	N/A	07.11.07	2.3m

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 5 OF 8


 SOILTECHNICS GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS Cedar Barn, White Lodge, Walgrave, Northampton. NN6 9PY. Tel: (01604) 781877 Fax: (01604) 781007 E-mail: mail@soiltechnics.net	GROUND LEVEL	CO-ORDINATES
	LOCATION PLAN ON DRAWING No STD1150U-02	DATE OF EXCAVATION 05-09.11.07
	PROJECT Walbrook Square, London	
	PROJECT REF. STD1150U	BOREHOLE No BH101

CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING		
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE
2.3	DRY	Very stiff dark grey CLAY. (LONDON CLAY)			SPT 36.0-36.45m	(14) 50 (275mm)	35.0		D
							35.5		D
							36.0		D
							37.0		D
							38.0		D
2.3	DRY				SPT 38.0-38.45m	(15) 50 (265mm)	38.0		D
							39.0		D
							40.45		D
							41.0		D

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
150mm	0.0m	50.0m	27.8m	Minor seepage	N/A	07.11.07	2.3m

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 6 OF 8


 <p>SOILTECHNICS GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS Cedar Barn, White Lodge, Walgrave, Northampton. NN6 9PY. Tel: (01604) 781877 Fax: (01604) 781007 E-mail: mail@soiltechnics.net</p>	GROUND LEVEL	CO-ORDINATES
	LOCATION PLAN ON DRAWING No STD1150U-02	DATE OF EXCAVATION 05-09.11.07
	PROJECT Walbrook Square, London	
	PROJECT REF. STD1150U	BOREHOLE No BH101

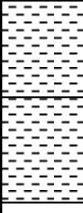
CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING		
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE
2.3	DRY	Very stiff dark grey CLAY. (LONDON CLAY)	[Pattern]		SPT	(18) 50	42.0		D
					42-42.45m	(260mm)			
2.3	DRY				SPT	(20) 46	43.0		D
					44.0-44.45m	(225mm)			
2.3	DRY				SPT	(21) 50	44.0		D
					46.2-46.65m	(220mm)			
2.3	DRY				SPT	(23) 50	46.2		D
					48.0-48.45m	(210mm)			

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
150mm	0.0m	50.0m	27.8m	Minor seepage	N/A	07.11.07	2.3m

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 7 OF 8


 SOILTECHNICS GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS <i>Cedar Barn, White Lodge, Walgrave, Northampton. NN6 9PY.</i> <i>Tel: (01604) 781877 Fax: (01604) 781007 E-mail: mail@soiltechnics.net</i>	GROUND LEVEL		CO-ORDINATES	
	LOCATION PLAN ON DRAWING No STD1150U-02		DATE OF EXCAVATION 05-09.11.07	
	PROJECT Walbrook Square, London			
	PROJECT REF. STD1150U		BOREHOLE No BH101	


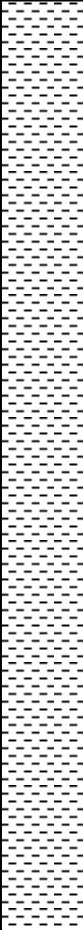
CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING		
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE
2.3	DRY	Very stiff brown mottled light green and yellow brown slightly sandy CLAY/SILT. (LAMBERTH GROUP) BOREHOLE TERMINATED AT 50.0m		49.5	SPT 49.5-49.95m	(30) 50 (140mm)	49.0		D
							49.3		
							49.5		
				50.0					

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
150mm	0.0m	50.0m	28.7m	Minor seepage	N/A	07.11.07	2.3m

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 8 OF 8


 SOILTECHNICS GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS Cedar Barn, White Lodge, Walgrave, Northampton. NN6 9PY. Tel: (01604) 781877 Fax: (01604) 781007 E-mail: mail@soiltechnics.net	GROUND LEVEL	CO-ORDINATES
	LOCATION PLAN ON DRAWING No STD1150U-02	DATE OF EXCAVATION 05-09.11.07
	PROJECT Walbrook Square, London	
	PROJECT REF. STD1150U	BOREHOLE No BH101

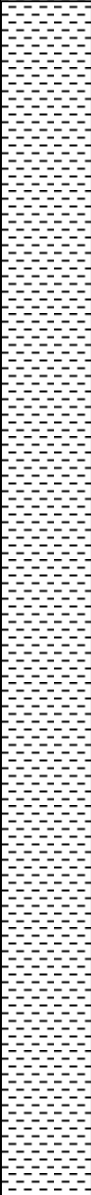
CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING			
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE	
3.0		Reinforced concrete		0.0						
		Stiff grey CLAY (LONDON CLAY)		2.4			2.7		D	
3.0					SPT	(5)18	3.8	4.25	D	
					3.8-4.25m					
							4.8		D	
							5.3		D	
3.0					SPT	(6)23	6.0	6.45	D	
					6.0-6.45m					
							7.0		D	

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
150mm	0.0m	26.1m	Dry				

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 1 OF 4


 <p>SOILTECHNICS</p> <p>.....</p> <p>GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS</p> <p><i>Cedar Barn, White Lodge, Walgrave, Northampton. NN6 9PY.</i></p> <p><i>Tel: (01604) 781877 Fax: (01604) 781007 E-mail: mail@soiltechnics.net</i></p>	GROUND LEVEL	CO-ORDINATES
	LOCATION PLAN ON DRAWING No STD1150U	DATE OF EXCAVATION 9-10.03.08
	PROJECT Walbrook Square, London.	
	PROJECT REF. STD1150U	BOREHOLE No BH103

CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING			
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE	
3.0		Stiff becoming very stiff grey CLAY (LONDON CLAY)			SPT	(6)31	8.0	8.45	D	
								9.0		D
3.0						SPT	(9)36	10.0	10.45	D
								11.0		D
3.0							12.1	12.45	U100 (90)	
							12.45		D	
							13.0		D	
3.0					SPT	(9)27	14.0	14.45	D	

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
150mm	0.0m	26.1m	Dry				

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 2 OF 4

 <p>SOILTECHNICS</p> <p>.....</p> <p>GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS</p> <p><i>Cedar Barn, White Lodge, Walgrave, Northampton. NN6 9PY.</i> <i>Tel: (01604) 781877 Fax: (01604) 781007 E-mail: mail@soiltechnics.net</i></p>	GROUND LEVEL	CO-ORDINATES
	LOCATION PLAN ON DRAWING No STD1150U	DATE OF EXCAVATION 9-10.03.08
	PROJECT Walbrook Square, London.	
	PROJECT REF. STD1150U	BOREHOLE No BH103

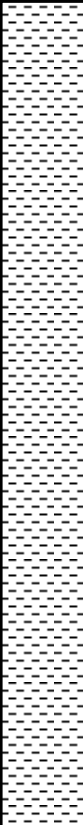
CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING		
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE
3.0		Very stiff grey CLAY (LONDON CLAY)					15.0		D
				SPT 16.2-16.65m	(8)29	16.2	16.65	D	
						17.0		D	
3.0				SPT 18.0-18.45m	(9)41	18.0	18.45	D	
						19.0		D	
3.0						20.0	20.4	U100 (100)	
		Compact grey SILT (LONDON CLAY)		20.5		20.45	D		
		Very stiff grey CLAY with thin claystone at 21.2m (LONDON CLAY)		20.6					
							21.2		D

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
150mm	0.0m	26.1m	Dry				

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 3 OF 4


 SOILTECHNICS GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS <i>Cedar Barn, White Lodge, Walgrave, Northampton. NN6 9PY.</i> <i>Tel: (01604) 781877 Fax: (01604) 781007 E-mail: mail@soiltechnics.net</i>	GROUND LEVEL	CO-ORDINATES
	LOCATION PLAN ON DRAWING No STD1150U	DATE OF EXCAVATION 9-10.03.08
	PROJECT Walbrook Square, London.	
	PROJECT REF. STD1150U	BOREHOLE No BH103


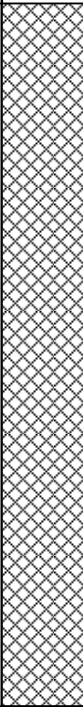
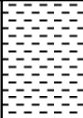
CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING			
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE	
3.0	20.0	Very stiff grey CLAY (LONDON CLAY)			SPT 22.0-22.45m	(10)42	22.0	22.45	D	
								23.0		D
3.0	22.0			SPT 24.0-24.45m	(11)46	24.0	24.45	D		
							25.0		D	
3.0	24.0	BOREHOLE TERMINATED AT 26.1m Borehole terminated due to water inflow.		26.1	SPT 26.0-26.45m	(15)50	26.0	26.45	D	

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
150mm	0.0m	26.1m	20.5m	Rose to 18.0m at the end of day			

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 4 OF 4


 SOILTECHNICS GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS Cedar Barn, White Lodge, Walgrave, Northampton. NN6 9PY. Tel: (01604) 781877 Fax: (01604) 781007 E-mail: mail@soiltechnics.net	GROUND LEVEL	CO-ORDINATES
	LOCATION PLAN ON DRAWING No STD1150U	DATE OF EXCAVATION 9-10.03.08
	PROJECT Walbrook Square, London.	
	PROJECT REF. STD1150U	BOREHOLE No BH103

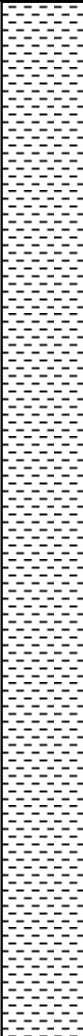
CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING		
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE
		Reinforced concrete		0.0					
		Void		0.26					
		150mm deep water in base of sub basement							
		3800mm thick reinforced concrete (sub-basement floor)		2.0					
		Stiff grey CLAY (LONDON CLAY)		5.8			6.2		D

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
150mm	0.0m	12.4m	Dry				

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 1 OF 2


 <p>SOILTECHNICS</p> <p>.....</p> <p>GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS</p> <p><i>Cedar Barn, White Lodge, Walgrave, Northampton. NN6 9PY. Tel: (01604) 781877 Fax: (01604) 781007 E-mail: mail@soiltechnics.net</i></p>	GROUND LEVEL	CO-ORDINATES
	LOCATION PLAN ON DRAWING No STD1150U-02	DATE OF EXCAVATION 9-11.01.08
	PROJECT Walbrook Square, London.	
	PROJECT REF. STD1150U	BOREHOLE No BH104


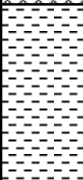
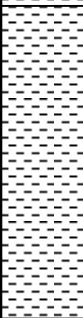
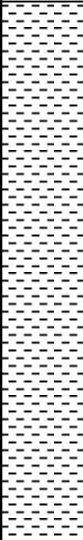
CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING				
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE		
		Stiff grey CLAY (LONDON CLAY)			SPT	(5)25	7.0	7.45	D		
					7.0-7.45m						
									8.0		D
							SPT	(5)27	9.0	9.45	D
							9.0-9.45m				
								10.0		D	
					SPT	(5)29	11.0	11.45	D		
					11.0-11.45m						
								12.0		D	
		BOREHOLE TERMINATED AT 12.4m Chiselled for 2 hours unable to progress		12.4							

DRILLING			GROUNDWATER						
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING		
150mm	0.0m	12.4m	Dry						

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 2 OF 2


 <p>SOILTECHNICS</p> <p>.....</p> <p>GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS</p> <p><i>Cedar Barn, White Lodge, Walgrave, Northampton. NN6 9PY. Tel: (01604) 781877 Fax: (01604) 781007 E-mail: mail@soiltechnics.net</i></p>	GROUND LEVEL	CO-ORDINATES
	LOCATION PLAN ON DRAWING No STD1150U-02	DATE OF EXCAVATION 9-11.01.08
	PROJECT Walbrook Square, London.	
	PROJECT REF. STD1150U	BOREHOLE No BH104






CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING		
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE
2.3	1.0	Dense grey concrete.		0.0					
		Very soft dark brown mottled dark grey slightly sandy slightly gravelly CLAY. Gravel consists of flint and quartz. (MADE GROUND)		0.8	SPT	(2) 4	1.2	1.6	B
				1.8	1.2-1.65m				
		Firm brown CLAY. (LONDON CLAY)		3.65				2.0	
2.3	DRY	Firm grey CLAY. (LONDON CLAY)					2.5		D
							3.2	3.65	U 100 (45)
							3.65		D
					SPT	(5) 19	4.0		D
					5.0-5.45m		5.0		D
							6.0		D

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
150mm	0.0m	45.7m	29m 35m 41.5m	Over night seepage to 29m Over night seepage to 35m Over night seepage to 41.5m			

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 1 OF 7


 <p>SOILTECHNICS</p> <p>.....</p> <p>GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS</p> <p><i>Cedar Barn, White Lodge, Walgrave, Northampton. NN6 9PY.</i> <i>Tel: (01604) 781877 Fax: (01604) 781007 E-mail: mail@soiltechnics.net</i></p>	GROUND LEVEL	CO-ORDINATES
	LOCATION PLAN ON DRAWING No STD1150U-02	DATE OF EXCAVATION 12-15.11.07
	PROJECT Walbrook Square, London	
	PROJECT REF. STD1150U	BOREHOLE No BH105

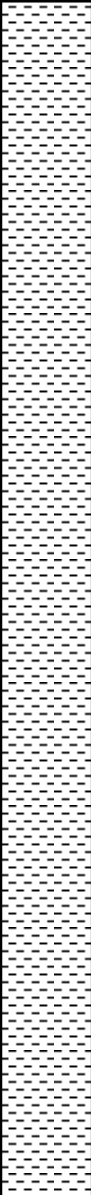
CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING		
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE
2.3	DRY	Stiff dark grey CLAY. (LONDON CLAY)		7.0	SPT	(5) 23	7.0		D
					7.0-7.45m				
2.3	DRY				SPT	(5) 24	8.0		D
					9.0-9.45m				
2.3	DRY				SPT	(7) 29	9.0		D
					11.0-11.45m				
2.3	DRY				SPT	(7) 29	11.0		D
					11.0-11.45m				
2.3	DRY	Very stiff dark grey CLAY. (LONDON CLAY)		13.0	SPT	(9) 35	12.0		D
					13.0-13.45m				

DRILLING		GROUNDWATER					
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
150mm	0.0m	45.7m	29m 35m 41.5m	Over night seepage to 29m Over night seepage to 35m Over night seepage to 41.5m			

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 2 OF 7


 <p>SOILTECHNICS</p> <p>.....</p> <p>GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS</p> <p><i>Cedar Barn, White Lodge, Walgrave, Northampton. NN6 9PY.</i> Tel: (01604) 781877 Fax: (01604) 781007 E-mail: mail@soiltechnics.net</p>	GROUND LEVEL	CO-ORDINATES
	LOCATION PLAN ON DRAWING No STD1150U-02	DATE OF EXCAVATION 12-15.11.07
	PROJECT Walbrook Square, London	
	PROJECT REF. STD1150U	BOREHOLE No BH105

CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING			
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE	
2.3	DRY	Very stiff dark grey CLAY. (LONDON CLAY)			SPT	(10) 39	15.2		D	
					15.2-15.65m			16.0		D
2.3	DRY				SPT	(10) 32	17.0		D	
					17.0-17.45m			18.0		D
2.3	DRY				SPT	(12) 46	19.1		D	
					19.1-19.55m			20.0		D
								21.0	21.45	U100 (90)

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
150mm	0.0m	45.7m	29m 35m 41.5m	Over night seepage to 29m Over night seepage to 35m Over night seepage to 41.5m			

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 3 OF 7


 <p>SOILTECHNICS</p> <p>.....</p> <p>GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS</p> <p><i>Cedar Barn, White Lodge, Walgrave, Northampton. NN6 9PY.</i> Tel: (01604) 781877 Fax: (01604) 781007 E-mail: mail@soiltechnics.net</p>	GROUND LEVEL	CO-ORDINATES
	LOCATION PLAN ON DRAWING No STD1150U-02	DATE OF EXCAVATION 12-15.11.07
	PROJECT Walbrook Square, London	
	PROJECT REF. STD1150U	BOREHOLE No BH105

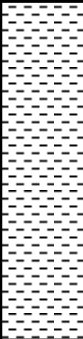

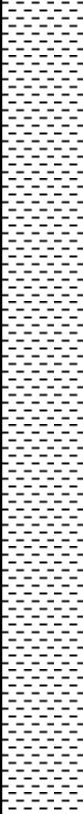
CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING		
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE
2.3	DRY	Very stiff dark grey CLAY. (LONDON CLAY)			SPT 23.0-23.45m	(12) 52	21.45		D
							22.0		D
							23.0		D
							24.0		D
2.3	DRY	Strong brown CLAYSTONE. (LONDON CLAY)		24.6 24.7	SPT 25.0-25.45m	(15) 50 (285mm)	24.6		D
		Very stiff dark grey CLAY. (LONDON CLAY)					25.0		D
2.3	DRY				SPT 27.2-27.65m	(15) 50	26.0		D
							27.2		D

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
150mm	0.0m	45.7m	29m 35m 41.5m	Over night seepage to 29m Over night seepage to 35m Over night seepage to 41.5m			

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 4 OF 7


 SOILTECHNICS GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS Cedar Barn, White Lodge, Walgrave, Northampton. NN6 9PY. Tel: (01604) 781877 Fax: (01604) 781007 E-mail: mail@soiltechnics.net	GROUND LEVEL	CO-ORDINATES
	LOCATION PLAN ON DRAWING No STD1150U-02	DATE OF EXCAVATION 12-15.11.07
	PROJECT Walbrook Square, London	
	PROJECT REF. STD1150U	BOREHOLE No BH105

CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING		
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE
2.3	DRY	Very stiff dark grey CLAY. (LONDON CLAY)		28.0			28.0		D
					SPT 29.1-29.55m	(14) 50 (265mm)	29.1		D
				29.8			29.8		D
2.3	DRY	Strong brown CLAYSTONE. (LONDON CLAY)		30.0			30.2		D
					SPT 31.0-31.45m	(17) 50	31.0		D
			Very stiff dark grey CLAY. (LONDON CLAY)					32.0	
2.3	DRY				SPT 33.0-33.45m	(19) 50 (345mm)	33.0		D
							34.0		D

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
150mm	0.0m	45.7m	29m 35m 41.5m	Over night seepage to 29m Over night seepage to 35m Over night seepage to 41.5m			

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 5 OF 7

 <p>SOILTECHNICS GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS Cedar Barn, White Lodge, Walgrave, Northampton. NN6 9PY. Tel: (01604) 781877 Fax: (01604) 781007 E-mail: mail@soiltechnics.net</p>	GROUND LEVEL	CO-ORDINATES
	LOCATION PLAN ON DRAWING No STD1150U-02	DATE OF EXCAVATION 12-15.11.07
	PROJECT Walbrook Square, London	
	PROJECT REF. STD1150U	BOREHOLE No BH105

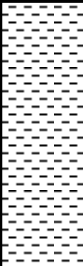
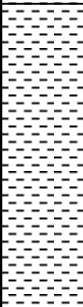
CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING		
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE
2.3	DRY	Very stiff dark grey CLAY. (LONDON CLAY)		36.0			35.0	35.4	U100 (100) D
							35.45		D
2.3	DRY	Very stiff dark grey CLAY/SILT. (LONDON CLAY)		38.0	SPT 37.2-37.65m	(17) 50 (260mm)	37.2		D
2.3	DRY	Very stiff dark grey CLAY. (LONDON CLAY)	38.0	SPT 39.5-39.95m	(17) 50 (285mm)	39.5		D	
2.3	DRY						40.0		D
2.3	DRY				SPT 41.0-45.5m	(19) 50 (285mm)	41.0		D

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
150mm	0.0m	45.7m	29m 35m 41.5m	Over night seepage to 29m Over night seepage to 35m Over night seepage to 41.5m			

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 6 OF 7


 SOILTECHNICS GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS Cedar Barn, White Lodge, Walgrave, Northampton. NN6 9PY. Tel: (01604) 781877 Fax: (01604) 781007 E-mail: mail@soiltechnics.net	GROUND LEVEL	CO-ORDINATES
	LOCATION PLAN ON DRAWING No STD1150U-02	DATE OF EXCAVATION 12-15.11.07
	PROJECT Walbrook Square, London	
	PROJECT REF. STD1150U	BOREHOLE No BH105

CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING		
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE
2.3	DRY	Very stiff dark grey CLAY. (LONDON CLAY)		41.6			42.0		D
		Very stiff brown mottled light green CLAY. (LAMBERTH GROUP)		43.0	SPT 43.0-43.45m	(21) 50 (265mm)	43.0		D
2.3	DRY			44.8			44.0		D
		Very stiff dark grey CLAY. (LONDON CLAY)		44.8	SPT 45.2-45.65m	(26) 50 (150mm)	44.8		D
		BOREHOLE TERMINATED AT 45.7m		45.7					
		Notes: 1. Chiselling between 29.8-30.0m took half an hour.							

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
150mm	0.0m	45.7m	29m 35m 41.5m	Over night seepage to 29m Over night seepage to 35m Over night seepage to 41.5m			

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 7 OF 7

 SOILTECHNICS GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS Cedar Barn, White Lodge, Walgrave, Northampton. NN6 9PY. Tel: (01604) 781877 Fax: (01604) 781007 E-mail: mail@soiltechnics.net	GROUND LEVEL	CO-ORDINATES
	LOCATION PLAN ON DRAWING No STD1150U-02	DATE OF EXCAVATION 12-15.11.07
	PROJECT Walbrook Square, London	
	PROJECT REF. STD1150U	BOREHOLE No BH105