

Well		Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
Water Strikes	Depth (m)	Type	Results						
		30.50	U						31
		32.00		N=67 (7,10/12,15,18,22)					32
		33.00	D		33.00	-10.74		Very stiff blue, blue grey and purple mottled CLAY. (LAMBETH GROUP).	33
		33.50	U						34
		35.00		N=72 (7,10/12,16,19,25)	34.50	-12.24		Very stiff brown to red brown and blue mottled CLAY. (LAMBETH GROUP).	35
		36.50	U						36
		38.00		70 (6,12/20,50,,)					37
		39.50		50 (25 for 50mm/50,,)					38
									39
									40



Borehole Log

Borehole No.
BHDA102
Sheet 4 of 5

Project Name: Castlewood House & Medius House	Project No. LMB_Castlewood	Co-ords: 529979.73 - 181374.97	Hole Type CP
Location: New Oxford Street, London WC1A		Level: 22.26	Scale 1:50
Client: RLAM Ltd		Dates: 18/06/2018 - 21/06/2018	Logged By PIL

Remarks
Casing driven off on mudstone at c. 11m bgl. Refusal at 42m - unable to keep hole straight and drive casing down.



Continued on next sheet



Borehole Log

Borehole No.
BHDA102

Sheet 5 of 5

Project Name: Castlewood House & Medius House

Project No.
LMB_Castlewood

Co-ords: 529979.73 - 181374.97

Hole Type
CP

Location: New Oxford Street, London WC1A

Level: 22.26

Scale
1:50

Client: RLAM Ltd

Dates: 18/06/2018 - 21/06/2018

Logged By
PIL

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		41.50		50 (25,/50,,)	42.00	-19.74		
								End of borehole at 42.00 m

41
42
43
44
45
46
47
48
49
50

Remarks
Casing driven off on mudstone at c. 11m bgl. Refusal at 42m - unable to keep hole straight and drive casing down.





Borehole Log

Borehole No.
BHDA103
Sheet 1 of 4

Project Name: Castlewood House & Medius House	Project No. LMB_Castlewood	Co-ords: 529939.07 - 181379.69	Hole Type CP
Location: New Oxford Street, London WC1A		Level: 22.29	Scale 1:50
Client: RLAM Ltd		Dates: 18/06/2018 - 22/06/2018	Logged By PIL/DN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.07	22.22		MADE GROUND: block paving.	
					0.27	22.02		Concrete.	
								MADE GROUND: brown gravelly sand. Gravel sub-angular to rounded fine to coarse flint.	1
				PID=0					
				PID=0					
					1.60	20.69		Medium dense brown very gravelly medium to coarse SAND with occasional flint cobbles. Gravel sub-angular to rounded fine to coarse flint and rare quartz. (LYNCH HILL GRAVEL MEMBER).	2
		2.00	B	N=18 (2,5/3,4,6,5)					
		2.00		PID=0					
		3.00	B	N=23 (1,3/5,4,6,8)					3
		3.00							
	4.00		N=18 (2,3/3,4,5,6)		3.70	18.59	Firm brown with orange brown mottling CLAY. Locally slightly silty. (LONDON CLAY FORMATION).	4	
	4.00				4.20	18.09	Stiff dark grey to grey brown CLAY. Very closely fissured with occasional sub-rounded mudstone gravel. (LONDON CLAY FORMATION).	5	
	5.00	U						6	
	6.50		N=23 (3,4/5,5,6,7)					7	
	8.00	U						8	
	9.50		N=25 (4,5/5,5,7,8)					9	
								10	

Continued on next sheet

Remarks
Unable to progress further than 38m.





Borehole Log

Borehole No.
BHDA103
Sheet 2 of 4

Project Name: Castlewood House & Medius House	Project No. LMB_Castlewood	Co-ords: 529939.07 - 181379.69	Hole Type CP
Location: New Oxford Street, London WC1A		Level: 22.29	Scale 1:50
Client: RLAM Ltd		Dates: 18/06/2018 - 22/06/2018	Logged By PIL/DN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		11.00	U					11
		12.50		N=26 (4,5/5,6,7,8)				12
		14.00	U		14.00	8.29		13 14 15 16 17 18 19 20
		15.50		N=36 (4,6/7,8,10,11)			13.0m silty partings	
		17.00	U				Very stiff dark grey to grey brown CLAY. Very closely fissured with occasional sub-rounded mudstone gravel. (LONDON CLAY FORMATION).	
		18.50		N=41 (3,7/9,10,10,12)			15.0m blue/grey traces - possible bioturbation.	
		20.00	U					

Continued on next sheet

Remarks
Unable to progress further than 38m.





Borehole Log

Borehole No.

BHDA103

Sheet 3 of 4

Project Name: Castlewood House & Medius House

Project No. LMB_Castlewood

Co-ords: 529939.07 - 181379.69

Hole Type CP

Location: New Oxford Street, London WC1A

Level: 22.29

Scale 1:50

Client: RLAM Ltd

Dates: 18/06/2018 - 22/06/2018

Logged By PIL/DN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		21.50		N=48 (6,9/10,10,13,15)				21	
		23.00	U				<i>21.0m becomes silty and sandy.</i>	22	
		23.50		N=49 (7,9/10,11,12,16)				23	
		25.00		50 (25 for 125mm/50,,)	24.70	-2.41	Very stiff brown to orange brown and grey brown mottled CLAY. (LAMBETH GROUP).	24	
		26.50		N=93 (11,14/15,25,35,18)	26.00	-3.71	Very stiff red brown and blue mottled CLAY. (LAMBETH GROUP).	25	
		28.00		N=80 (11,12/15,18,23,24)			<i>occasional cemented bands</i>	26	
		29.50		75 (10,15/35,40,,)				27	
								28	
								29	
								30	

Continued on next sheet

Remarks

Unable to progress further than 38m.





Borehole Log

Borehole No.

BHDA103

Sheet 4 of 4

Project Name: Castlewood House & Medius House Project No. LMB_Castlewood Co-ords: 529939.07 - 181379.69 Hole Type CP

Location: New Oxford Street, London WC1A Level: 22.29 Scale 1:50

Client: RLAM Ltd Dates: 18/06/2018 - 22/06/2018 Logged By PIL/DN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		31.00		75 (5,18/25,25,25,)				
		32.50		75 (10,15/35,40,,)				
		34.00		75 (11,18/25,25,25,)				
		35.50		50 (25,/50,,)				
		36.55		N=93 (5,15/15,18,25,35)				
		37.55		75 (11,15/25,25,25,)				
					38.00	-15.71		
							End of borehole at 38.00 m	

Remarks
Unable to progress further than 38m.





Borehole Log

Borehole No.

BHDA104

Sheet 1 of 4

Project Name: Castlewood House & Medius House

Project No. LMB_Castlewood

Co-ords: 529955.98 - 181357.34

Hole Type CP

Location: New Oxford Street, London WC1A

Level: 22.36

Scale 1:50

Client: RLAM Ltd

Dates: 25/06/2018 - 29/06/2018

Logged By PIL/DN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.15			0.15	22.21		MADE GROUND: yellow brown sand (sub-base). MADE GROUND: brown slightly gravelly clay. Gravel sub-angular to sub-rounded fine to coarse brick and occasional flint and rare clinker gravel.	
		0.50	B						
		0.50	ES	PID=0					
		1.20	B						
		1.20	ES						
		1.20		N=16 (2,2/2,4,4,6) PID=0	1.50	20.86			1
		1.70			1.70	20.66		MADE GROUND: brown locally slightly clayey fine to medium sand with rare brick and clinker gravel. Medium dense to dense brown slightly gravelly fine to medium SAND. Gravel sub-angular to rounded fine to coarse flint. (LYNCH HILL GRAVEL MEMBER).	
		2.00	B						
		2.00	ES	N=30 (3,4/5,6,10,9) PID=0					2
		2.00							
		3.00	B						
		3.00		N=54 (8,11/10,15,14,15)	3.00	19.36		Dense brown gravelly medium SAND with occasional sub-angular flint cobbles. Gravel sub-angular to rounded fine to coarse flint and rare quartz. (LYNCH HILL GRAVEL MEMBER).	3
		4.00		N=18 (2,3/3,5,5,5)	3.90	18.46		Firm brown with orange brown mottling CLAY. (LONDON CLAY FORMATION).	4
		4.30			4.30	18.06		Stiff dark grey to grey brown CLAY. Very closely fissured. (LONDON CLAY FORMATION).	
		5.00	U						5
		5.00		N=24 (3,4/5,6,6,7)					
		5.50	D						6
		7.00	U						7
		8.50		N=25 (4,4/5,6,7,7)					8
		9.50	D						9
		10.00	U		10.00	12.36			10

Continued on next sheet

Remarks

Unable to progress further than 35m.





Borehole Log

Borehole No.
BHDA104
Sheet 2 of 4

Project Name: Castlewood House & Medius House	Project No. LMB_Castlewood	Co-ords: 529955.98 - 181357.34	Hole Type CP
Location: New Oxford Street, London WC1A		Level: 22.36	Scale 1:50
Client: RLAM Ltd		Dates: 25/06/2018 - 29/06/2018	Logged By PIL/DN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
Well casing		11.50		N=27 (5,5/6,6,7,8)	11.50	10.86	Stiff dark grey to grey brown CLAY with moderately weak to moderately strong grey to grey brown MUDSTONE gravel and rare cobbles. (LONDON CLAY FORMATION).	11	
		13.00	U					Stiff becoming very stiff dark grey CLAY. Very closely fissured with rare very fine shell gravel and grey veining/traces (possible bioturbation traces). (LONDON CLAY FORMATION).	12
		14.00	D				13		
		14.50		N=34 (3,6/8,8,8,10)			14		
		16.00	U		15.50	6.86	Stiff dark grey silty CLAY. (LONDON CLAY FORMATION).	15	
	17.50		N=36 (4,6/8,8,9,11)			16			
	19.00	U				17			
								18	
								19	
								20	

Continued on next sheet

Remarks
Unable to progress further than 35m.





Borehole Log

Borehole No.
BHDA104

Sheet 3 of 4

Project Name: Castlewood House & Medius House	Project No. LMB_Castlewood	Co-ords: 529955.98 - 181357.34	Hole Type CP
Location: New Oxford Street, London WC1A		Level: 22.36	Scale 1:50
Client: RLAM Ltd		Dates: 25/06/2018 - 29/06/2018	Logged By PIL/DN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		20.50		N=43 (6,7/10,10,10,13)				21	
		22.00	U					22	
		22.50			22.50	-0.14		Stiff to very stiff dark grey CLAY. Very closely fissured with rare very fine shell gravel and grey veining/traces (possible bioturbation traces). (LONDON CLAY FORMATION). <i>23.0m becomes silty and slightly sandy.</i>	23
		23.50		N=47 (6,7/10,11,12,14)				24	
		24.50			24.50	-2.14		Very stiff grey brown mottled CLAY. (LAMBETH GROUP).	25
		25.00		N=58 (5,11/15,12,13,18)	25.00	-2.64		Very stiff red brown and blue grey mottled CLAY. (LAMBETH GROUP).	25
	26.50 26.50	D	N=62 (7,11/14,15,15,18)				<i>occasional cemented bands.</i>	26 27	
	28.00		N=72 (5,15/15,15,18,24)					28	
	29.50		85 (9,11/18,32,35,)					29	
								30	

Continued on next sheet

Remarks
Unable to progress further than 35m.





Borehole Log

Borehole No.

BHDA104

Sheet 4 of 4

Project Name: Castlewood House & Medius House

Project No. LMB_Castlewood

Co-ords: 529955.98 - 181357.34

Hole Type CP

Location: New Oxford Street, London WC1A

Level: 22.36

Scale 1:50

Client: RLAM Ltd

Dates: 25/06/2018 - 29/06/2018

Logged By PIL/DN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		30.50		75 (10,15/17,21,37,)				
		32.00		75 (7,18/18,25,32,)				
		33.50		75 (10,15/20,25,30,)				
		35.00		50 (11,14/50,,)	35.00	-12.64		
		End of borehole at 35.00 m						

Remarks
Unable to progress further than 35m.

