

			DEPTH	WATER		TEST RESU	JLTS			SAMPLIN	NG
WELL	DESCRIPTION	LEGEND	(m)	STRIKE	TYPE/ DEPTH (m)	RESULT	CASING DEPTH (m)	WATER LEVEL (m)	FROM (m)	TO (m)	TYPE
	Grass onto dark brown and orange brown slightly gravelly sandy CLAY. Gravel consists of ash and brick.				PP 0.00	63			0.10	0.50	В
	MADE GROUND								0.60	1.00	В
	High strength orange brown and brown silty sandy CLAY.		1.00								
	CLAYGATE MEMBER								1.50		D
					SPT 2.00-2.45 PP 2.00	(3) 8 92	1.50	DRY	2.00		D
					PP 2.00	92					
					PP 3.50	146			3.50		D
	Medium strength orange brown silty sandy very clayey SAND. CLAYGATE MEMBER		4.00		SPT 4.00-4.45 PP 4.00	(5) 13 71	3.00	DRY	4.00		D
	CLATOATE WILWIBER										
	Medium strength orange brown and grey silty very sandy CLAY. CLAYGATE MEMBER		5.40		PP 5.40	63			5.40		D
	CLATGATE WEIVIBEN				SPT 6.00-6.45 PP 6.00	(3) 7 50	3.00	DRY	6.00		D
	Medium dense brown silty SAND.		7.10		PP 7.00	50			7.10		D
	CLAYGATE MEMBER Medium strength orange brown mottled grey		7.60		PP 7.60	71			7.60		D
	silty CLAY. CLAYGATE MEMBER High strength dark grey silty CLAY. LONDON CLAY FORMATION		8.00		PP 8.00 SPT 8.10-8.55	75 (3) 12	7.50	DRY	8.00 8.10		D D
					PP 9.40	92			9.40		D
	CONTINUED ON NEXT SHEET										

Notes: Standpipe installed to 10m depth. Chiselling undertaken between 12.7m and 12.8m taking 45 minutes. Inspection pit excavated from 0.0m to 1.2m depth.

Ground level (mAOD) **Co-ordinates** 97.71 525347, 185861

Groundwater observations

1st strike at 7.1m. Water level remained constant. Sealed out at 7.6m. 2nd strike at 9.1m depth filling borehole to 9m. Sealed out at 9.5m. 3rd strike at 12m depth filling borehole to 11.8m. Sealed out at 13m.

Title

Borehole record

Date of excavation (range if applicable) 10/06/2015

Location plan on drawing number 02

Cable and tool percussion

Method of excavation

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			DEPTH	WATER		TEST RESU	JLTS			SAMPLI	٧G
ELL	DESCRIPTION	LEGEND	(m)	STRIKE	TYPE/ DEPTH (m)	RESULT	CASING DEPTH (m)	WATER LEVEL (m)	FROM (m)	TO (m)	TYPE
	High strength dark grey very silty CLAY. LONDON CLAY FORMATION		10.00		SPT 10.00-10.45 PP 10.00	(4) 12 100	9.50	DRY	10.00		D
-	High strength dark grey silty CLAY. LONDON CLAY FORMATION		11.00		PP 11.00	117			11.00		D
			12.00		SPT	(5) 16	12.00	11.8	11.50 11.95	11.90	U(34) D
	Medium strength dark grey silty CLAY. LONDON CLAY FORMATION		12.70		12.00-12.45 PP 12.00	75	12.00	11.0	12.00	12.80	D B
	Moderately strong grey CLAYSTONE LONDON CLAY FORMATION High strength dark grey silty CLAY with shelly material.		12.80						13.30		D
	LONDON CLAY FORMATION		14.00		CD-T	(5) 45	12.50	D0.7			
	High strength dark grey silty CLAY. LONDON CLAY FORMATION		14.00		SPT 14.00-14.45 PP 14.00	(5) 15 100	13.50	DRY	14.00		D
					PP 15.00	142			15.00		D
					SPT 16.00-16.45 PP 16.00	(6) 17 129	16.00	DRY	15.95 16.00		D D
-	High strength dark grey CLAY with shelly material. LONDON CLAY FORMATION		17.30		PP 17.30	133			17.30		D
	LONDON CLAY FORMATION				SPT 18.00-18.45 PP 18.00	(8) 24 150	16.00	DRY	18.00		D
_					PP 19.50	167			19.50		D

Notes: Standpipe installed to 10m depth. Chiselling undertaken between 12.7m and 12.8m taking 45 minutes. Inspection pit excavated from 0.0m to 1.2m depth.

Ground level (mAOD)97.71 **Co-ordinates**525347, 185861

Groundwater observations

1st strike at 7.1m. Water level remained constant. Sealed out at 7.6m. 2nd strike at 9.1m depth filling borehole to 9m. Sealed out at 9.5m. 3rd strike at 12m depth filling borehole to 11.8m. Sealed out at 13m.

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			DEDTIL			TEST RESU	JLTS			SAMPLIN	NG
WELL	DESCRIPTION	LEGEND	(m)	WATER STRIKE	TYPE/	RESULT	CASING	WATER	FROM	TO (m)	TYPE
			<u> </u>		DEPTH (m)	NESOEI	DEPTH (m)	LEVEL (m)	(m)	10 (111)	
	_	-			SPT	(8) 28	16.00	DRY	20.00		D
					20.00-20.45						
		-			PP 20.00	225					
	-	-	-								
											
	_	===			PP 21.00	225			21.00		D
		-									
		<u> </u>									
	-								21.50	21.90	U(54)
		-									
	_	_	1		PP 21.95	225	16.00	DRY	21.95		D
		±===	1		SPT	(8) 29	10.00	D	22.00		D
					22.00-22.45						
	·	<u> </u>	1		PP 22.00	225					
			1								
	_		-		PP 23.00	225			23.00		D
					11 23.00	223			23.00		D
	-				SPT	(9) 30	16.00	DRY	23.50		D
		<u> </u>			23.50-23.95	225					
	<u> </u>	+=-=			PP 23.50	225					
		<u> </u>									
	-	-			PP 24.50	225			24.50		D
											
	<u>_</u>				CDT	(12) 26	16.00	DRY	25 00		D
		_			SPT 25.00-25.45	(12) 36	16.00	DKY	25.00		D
					PP 25.00	225					
	BOREHOLE TERMINATED AT 25.50m		25.50								
		_									
	_	_									
		_									
		1									
	-	1									
		1									
	_	_									
		_									
		1									
	-	1									
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		1									
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		_									
		_									
		-									
		-									
		7									
			L	L							

Notes: Standpipe installed to 10m depth. Chiselling undertaken between 12.7m and 12.8m taking 45 minutes. Inspection pit excavated from 0.0m to 1.2m depth.

Ground level (mAOD)97.71 **Co-ordinates**525347, 185861

Groundwater observations

1st strike at 7.1m. Water level remained constant. Sealed out at 7.6m. 2nd strike at 9.1m depth filling borehole to 9m. Sealed out at 9.5m. 3rd strike at 12m depth filling borehole to 11.8m. Sealed out at 13m.

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Date of excavation (range if applicable) 10/06/2015

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			DEPTH	WATER		TEST RES	JLTS			SAMPLI	١G
WELL	DESCRIPTION	LEGEND	(m)	STRIKE	TYPE/ DEPTH (m)	RESULT	CASING DEPTH (m)	WATER	FROM (m)	TO (m)	TYPE
	Grass onto medium strength dark brown slightly gravelly CLAY. Gravel consists of brick. MADE GROUND	=	0.05		DEI III (III)		DEI III (III)	LLVLL (III)	(111)		
	Medium dense dark grey sandy GRAVEL. Gravel consists of igneous-type rock and brick. MADE GROUND		0.50 0.70		PP 1.00	108			1.00		D
	Medium strength orange brown and brown slightly gravelly silty CLAY. Gravel consists of brick.				SPT	(2) 9		DRY	1.50		D
	MADE GROUND High strength orange brown mottled grey silty CLAY.				1.50-1.95 PP 1.50	108		DKI	1.50		
	CLAYGATE MEMBER										
					PP 3.00	96			3.00		D
					SPT 3.50-3.95 PP 3.50	(3) 8 121	3.00	DRY	3.50		D
	Loose orange brown mottled grey silty SAND. CLAYGATE MEMBER		4.50						4.50		D
					SPT 5.50-5.95	(2) 6	3.00	DRY	5.50		D
									6.50		D
					SPT 7.50-7.95	(2) 5	6.00	DAMP	7.50		D
	Medium strength orange brown mottled grey silty CLAY.		8.10 8.30						8.10		D
	CLAYGATE MEMBER High strength dark grey silty CLAY. LONDON CLAY FORMATION				PP 8.50	113			8.50		D
									9.50	9.90	U(28)
	CONTINUED ON NEXT SHEET										L

Ground level (mAOD) Co-ordinates 96.90 525321, 185861

Groundwater observations

1st groundwater strike at 6.3m depth. Water level remained constant. Not sealed out. 2nd groundwater strike at 14.1m depth filling borehole to 14m. Sealed out at 16.5m depth.

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Borehole record

Date of excavation (range if applicable) 04/06/2015

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			DEST	\A/AT		TEST RESU	JLTS			SAMPLII	NG
WELL	DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TYPE/	RESULT	CASING	WATER	FROM	TO (m)	TYPE
·· H:			. ,		DEPTH (m)		DEPTH (m)	LEVEL (m)	(m)	10 (111)	
					PP 9.95	58	9.00	DRY	9.95		D
		1-1-1-			SPT 10.00-10.45	(2) 11			10.00		D
		-			PP 10.00	92					
		+			20.00	3-					
											
					PP 11.00	104			11.00		D
					SPT	(4) 16	9.00	DRY	11.50		D
					11.50-11.95	()					
					PP 11.50	113					
	•										
		-			PP 12.50	138			12.50		D
					12.55	150			12.50		
		<u> </u>									
		<u> </u>									
					SPT	(5) 18	12.00	DRY	13.50		D
					13.50-13.95	(3) 10	12.00	DIXI	13.50		D
		<u> </u>		_	PP 13.50	50					
		<u> </u>									
		 							15.00		D
		177									
		<u>+</u>			SPT	(5) 19	13.50	DRY	15.50		D
					15.50-15.95	(5) 19	15.50	DKI	15.50		D
					PP 15.50	113					
		_									
					PP 16.50	67			16.50		D
					PP 10.50	07			10.50		D
		<u> </u>									
		+									
					PP 17.20	104					
					SPT	/7\ 21	17.50	DRY	17.50		D
					17.50-17.95	(7) 21	17.50	DKY	17.50		D
					17.30 17.33						
		+===	10 50						10 50		_
	Very high strength dark brown silty CLAY.		18.50						18.50		D
	LONDON CLAY FORMATION										
									19.00	19.40	U(46)
		<u></u>									
		<u></u>			PP 19.45	225	47.50	D.C	19.45		D
		+=-=			SPT	(8) 26	17.50	DRY	19.50		D
*********					19.50-19.95	(-/					-
	CONTINUED ON NEXT SHEET										

Ground level (mAOD) Co-ordinates 96.90 525321, 185861

Groundwater observations

1st groundwater strike at 6.3m depth. Water level remained constant. Not sealed out. 2nd groundwater strike at 14.1m depth filling borehole to 14m. Sealed out at 16.5m depth.

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Date of excavation (range if applicable) 04/06/2015

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			DEDTIL			TEST RESU	ILTS			SAMPLIN	NG
WELL	DESCRIPTION	LEGEND	(m)	WATER STRIKE	TYPE/	RESULT	CASING	WATER	FROM	TO (m)	TYPE
	-				DEPTH (m)		DEPTH (m)	LEVEL (m)	(m)	. ,	
	-				PP 21.00	225			21.00		D
	· _				SPT 21.50-21.95 PP 21.50	(9) 29 225	17.50	DRY	21.50		D
	-				PP 23.00	225			23.00		D
	-				SPT 23.50-23.95 PP 23.50	(11) 32 225	17.50	DRY	23.50		D
					PP 24.95	225				24.90	U(62)
	BOREHOLE TERMINATED AT 25.45m		25.45		SPT 25.00-25.45 PP 25.00	(12) 34 225	17.50	DRY	24.95 25.00		D D
	-	- - - - -									
		- - - -									
	-	- - - - -									
	-	-									
		- - - - -									
	-	- - - -									
		-									

 $\textbf{Notes:} \quad \text{Standpipe installed to 10m depth. Inspection pit excavated from 0.0m to 1.2m depth.}$

Ground level (mAOD) Co-ordinates 96.90 525321, 185861

Groundwater observations

1st groundwater strike at 6.3m depth. Water level remained constant. Not sealed out. 2nd groundwater strike at 14.1m depth filling borehole to 14m. Sealed out at 16.5m depth.

Title

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			DEDTIL	LA CATED		TEST RESU	JLTS			SAMPLIN	NG
WELL	DESCRIPTION	LEGEND	DEPTH (m)	WATER- STRIKE	TYPE/	RESULT	CASING	WATER	FROM	TO (m)	TYPE
	Dark grey BITUMINOUS BOUND MATERIAL.	*********			DEPTH (m)		DEPTH (m)	LEVEL (m)	(m)		
	MADE GROUND	-	0.10						0.10	0.60	В
	Medium dense brown gravelly very clayey SAND.	-‡‱									
	Gravel consists of ash, flint and brick. MADE GROUND		0.60		PP 0.60	58			0.60	1.20	В
	Medium strength orange brown slightly gravelly										
	sandy CLAY. Gravel consists of flint and brick.										
	CLAYGATE MEMBER										
	Medium to high strength orange brown silty	====	1.50		PP 1.50	71			1.50		D
	CLAY.										
	CLAYGATE MEMBER	+==			SPT	(3) 10	2.00	DRY	2.00	2.45	D
					2.00-2.45						
		-			PP 2.00	75					
. = = :											
		===									
									3.50		D
:-=:1											
					SPT	(4) 12	4.00	DRY	4.00	4.45	D
		+			4.00-4.45	70					
					PP 4.00	79					
·											
		===			PP 5.00	117			5.00		D
					PP 5.00	117			5.00		
					SPT	(5) 19	4.50	DRY	6.00	6.45	D
	Ush day the deal has a seed on a seed CLAY		6.30		6.00-6.45 PP 6.30	138					
	High strength dark brown and grey sandy CLAY. LONDON CLAY FORMATION	====			11 0.30	130					
	Very high strength dark brown slightly gravelly		6.60						6.60		D
	CLAY. Gravel consists of shelly material.										
	LONDON CLAY FORMATION										
		====							7.50	7.00	11(50)
		=							7.50	7.90	U(50)
		====									
					SPT	(6) 21	4.50	DRY	8.00	8.45	D
		1			8.00-8.45 PP 8.00	183			8.00		D
		1				_30					
		===									
		===			PP 9.00	154			9.00		D
::-		===				'					-
		#===									
· . H : 1		+===									
	CONTINUED ON NEXT SHEET										

Notes: Standpipe installed to 10m depth. Chiselling undertaken between 12.7m and 13m depth taking 15 minutes. Inspection pit excavated from 0.0m to 1.2m depth.

Ground level (mAOD)91.23 **Co-ordinates**525445, 185836

Groundwater observations

1st groundwater strike at 12.7m depth filling borehole to 12.6m. Sealed out at 13m depth. 2nd groundwater strike at 18.8m depth filling borehole to 18.75m. Sealed out at 19m depth.

Title

Borehole record

Date of excavation (range if applicable) 02/06/2015

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			DEDTH	WATER		TEST RESU	JLTS			SAMPLI	NG
WELL	DESCRIPTION	LEGEND	(m)	STRIKE	TYPE/ DEPTH (m)	RESULT	CASING DEPTH (m)	WATER LEVEL (m)	FROM (m)	TO (m)	TYPE
,· H ·					SPT	(7) 23	4.50	DRY	10.00	10.45	D
		-			10.00-10.45	(7) 23	4.50	DIN	10.00	10.43	
		===									
											
		===			PP 11.00	208			11.00		D
											
		===									
		_====			SPT	(7) 22	4.50	DRY	12.00	1.45	D
		===			12.00-12.45	(1) 22	4.50	DIVI	12.00	1.43	
		====									
		-	40 70								
	Moderately strong grey CLAYSTONE.		12.70								
	LONDON CLAY FORMATION Very high strength dark brown CLAY with shelly	+===	13.00		PP 13.00	200			13.00		D
	material.	<u> </u>									
	LONDON CLAY FORMATION	===							13.50	13.90	U(50)
		===									(22)
		+				(0) 05	4.50	551			
		===			SPT 14.00-14.45	(8) 25	4.50	DRY	14.00 14.00	14.45	D D
					PP 14.00	225			14.00		
		+									
		-									
		===			PP 15.50	225			15.50		D
					PP 15.50	223			15.50		
		+									
					SPT	(9) 31	4.50	DRY	16.00	16.45	D
					16.00-16.45						
		-									
			17.00		PP 17.00	225			17.00		D
	Very high strength dark brown sandy CLAY with shelly material.	+===									
	LONDON CLAY FORMATION	<u></u>									
		1									
		====									
		+=-			SPT	(11) 32	4.50	DRY	18.00		D
		====			18.00-18.45						
			18.80		PP 18.80	225			18.80		D
	Moderately strong grey CLAYSTONE.				rr 18.8U	225			10.80		U
	LONDON CLAY FORMATION Very high strength dark brown CLAY with shelly		19.10								
	material	+=-=									
	LONDON CLAY FORMATION										
	-										
	CONTINUED ON NEXT SHEET										

Notes: Standpipe installed to 10m depth. Chiselling undertaken between 12.7m and 13m depth taking 15 minutes. Inspection pit excavated from 0.0m to 1.2m depth.

Ground level (mAOD)91.23 **Co-ordinates**525445, 185836

Groundwater observations

1st groundwater strike at 12.7m depth filling borehole to 12.6m. Sealed out at 13m depth. 2nd groundwater strike at 18.8m depth filling borehole to 18.75m. Sealed out at 19m depth.

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			DEPTH	WATER		TEST RESU				SAMPLIN	NG
WELL	DESCRIPTION	LEGEND	(m)	STRIKE	TYPE/ DEPTH (m)	RESULT	CASING DEPTH (m)	WATER LEVEL (m)	FROM (m)	TO (m)	TYPE
					SPT 20.00-20.45 PP 20.00	(12) 34 225	4.50	DRY	20.00	20.45	D
					PP 21.00	225			21.00		D
									21.50	21.90	U(74)
					SPT 22.00-22.45 PP 22.00	(12) 33 225	4.50	DRY	22.00 22.00	22.45	D D
									23.00		D
					SPT 23.50-23.95	(12) 34	4.50	DRY	23.50	23.95	D
					PP 24.00	225			24.05		D
	BOREHOLE TERMINATED AT 25.45m		25.45		SPT 25.00-25.45 PP 25.00	(14) 39 225	4.50	DRY	25.00	25.45	D
		-									

Notes: Standpipe installed to 10m depth. Chiselling undertaken between 12.7m and 13m depth taking 15 minutes. Inspection pit excavated from 0.0m to 1.2m depth.

Ground level (mAOD)91.23 **Co-ordinates**525445, 185836

Groundwater observations

1st groundwater strike at 12.7m depth filling borehole to 12.6m. Sealed out at 13m depth. 2nd groundwater strike at 18.8m depth filling borehole to 18.75m. Sealed out at 19m depth.

Title

Borehole record

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DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DEPTH (m) DESCRIPTION Type DEPTH (m) DEPTH (DEPTH	WATER		TEST RESU	JLTS			SAMPLI	NG
Loose gravel onto medium dense very sandy GRAVEL Gravel consists of flint, concrete, brick AMADE GROUND Modelum strength orange brown slightly sandy gravelly (LAW Gravel consists of flint and brick. 1.80 PP 1.00 54 1.50 DRY 1.50 1.95 D	WELL	DESCRIPTION	LEGEND				RESULT				TO (m)	TYPE
MADE GROUND		GRAVEL. Gravel consists of flint, concrete, brick and occasional ash. MADE GROUND Medium strength orange brown slightly sandy		0.30		, ,			,	, ,		
High and very high strength orange brown and grey silty sandy CLAY. CLAYGATE MEMBER 1.80 PP 1.50 PP 2.00 PP 3.50 P	П							1.50	DDV		1.05	
PP 2.00 96		High and you high strongth orange brown and	_ =	1.80		1.50-1.95		1.50	DKY	1.50	1.95	
SPT		grey silty sandy CLAY.								2.00		D
SPT (5) 16 1.50 DRY 5.50 5.95 D 5.50 S.50 S.50 D D D D D D D D D D D D D D D D D D D						3.50-3.95		1.50	DRY	3.50	3.95	D
SPT (5) 16 1.50 DRY 5.50 5.95 D D S.50-9.95 PP 5.50 138						PP 4.50	133			4.50		D
Very high strength dark brown CLAY with shelly material. LONDON CLAY FORMATION SPT (6) 20 1.50 DRY 7.50 7.95 D 7.50-7.95 PP 7.50 167 PP 8.50 183 8.50 D SPT (7) 22 1.50 DRY 9.50 9.95 D 9.00 9.40 U(60) SPT (7) 22 1.50 DRY 9.50 9.95 D D D D D D D D D D D D D D D D D D D	- 0									5.00	5.40	U(36)
Very nign strength dark prown CLAY with shelly material. LONDON CLAY FORMATION SPT (6) 20 1.50 DRY 7.50 7.95 D 7.50-7.95 PP 7.50 167 PP 8.50 183 8.50 D SPT (7) 22 1.50 DRY 9.50 9.95 D 9.00 9.40 U(60) SPT 9.50-9.95 PP 9.50 179						5.50-5.95		1.50	DRY		5.95	l
7.50-7.95 PP 7.50 167 PP 8.50 183 8.50 D 9.00 9.40 U(60) SPT (7) 22 1.50 DRY 9.50 9.95 D 9.50-9.95 PP 9.50 179		material.		6.50		PP 6.50	175			6.50		D
PP 8.50 183 8.50 D 9.00 9.40 U(60) SPT (7) 22 1.50 DRY 9.50 9.95 D 9.50-9.95 PP 9.50 179						7.50-7.95		1.50	DRY	7.50	7.95	D
SPT (7) 22 1.50 DRY 9.50 9.95 D 9.50-9.95 PP 9.50 179						PP 8.50	183			8.50		D
SPT (7) 22 1.50 DRY 9.50 9.95 D 9.50-9.95 PP 9.50 179										9.00	9.40	U(60)
						9.50-9.95		1.50	DRY		9.95	

Ground level (mAOD) Co-ordinates91.15
525434, 185816

Groundwater observations

Groundwater strike at 17m depth filling borehole to 16.95m. Not sealed out.

Title

Borehole record

Date of excavation (range if applicable) 09/05/2015

Location plan on drawing number

02

Method of excavation

Cable and tool percussion

Appendix

С

BH09



	DECCRICTION	15051:0	DEPTH	WATER		TEST RESI				SAMPLI	NG
	DESCRIPTION	LEGEND	(m)	STRIKE	TYPE/ DEPTH (m)	RESULT	CASING DEPTH (m)	WATER LEVEL (m)	FROM (m)	TO (m)	TYI
Ŧ											
		1									
		<u> </u>			DD 10 F0	1.07			10.50		
		<u>-</u>			PP 10.50	167			10.50		
			-								
		<u></u>									
						(2) 2.					_
		===			SPT 11.50-11.95	(8) 21	1.50	DRY	11.50	11.95	
		<u></u>			PP 11.50	171					
			-		11.50	-7-					
		====]								
		7	-		PP 12.50	183					
		F]						40.00		
		-	1						12.90		
		===									
					co=	(0) 04	4.50	5.51	40.50	40.05	
		<u></u>			SPT 13.50-13.95	(8) 21	1.50	DRY	13.50	13.95	
					PP 13.50	204					
		+									
		<u></u>									
					554450	224					
		7-2-2-	-		PP 14.50	221					
		7-1-							14.80		D
		<u> </u>									
		-									
					SPT	(11) 20	1.50	DRY	15 50	15.95	_
					15.50-15.95	(11) 29	1.50	DKY	15.50	15.95	D
					PP 15.50	221					
			1		PP 16.50	221			16.50		D
		<u>+</u>	-		PP 16.50	221			10.50		"
		<u> </u>	1								
		+==	1						17.00	17.40	U(6
		+=	1								
		F==			SPT	(13) 33	1.50	DRY	17 50	17.95	D
		<u> </u>			17.50-17.95	(13) 33	1.50	ואט	17.50	17.93	
					PP 17.50	225					
		+===	-								
		‡									
			1								
		‡- <u>-</u>	1								
H	Very high strength dark grey slightly gravelly		19.00		PP 19.00	225			19.00		_ D
1	CLAY. Gravel consists of claystone.	<u> </u>	-								
	LONDON CLAY FORMATION		1		SPT	(14) 35	1.50	DRY	10 50	19.95	D
							1.50			. 14 45	
	Very high strength dark grey slightly gravelly silty		19.50		19.50-19.95	(14) 33	1.50	DICI	19.50	15.55	"

Ground level (mAOD)91.15 **Co-ordinates**525434, 185816

Groundwater observations

Groundwater strike at 17m depth filling borehole to 16.95m. Not sealed out.

Title

Borehole record

Date of excavation (range if applicable) 09/05/2015

Location plan on drawing number 02

Method of excavationCable and tool percussion

Appendix

С

BH09



			DEDTH	\A/ATED	ATER TYPE / LOSSING MATER					SAMPLIN	NG
WELL	DESCRIPTION	LEGEND	(m)	STRIKE	TYPE/ DEPTH (m)	RESULT	CASING DEPTH (m)	WATER	FROM (m)	TO (m)	TYPE
	CLAY. Gravel consists of claystone.				DEI III (III)		DEI III (III)	LEVEL (III)	(111)		
	LONDON CLAY FORMATION BOREHOLE TERMINATED AT 20.00m		20.00								Ì
	BOREHOLE TERMINATED AT 20.00M	-									Ì
	-	1									Ì
	<u> </u>	1									Ì
	_	-									Ì
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Ground level (mAOD)91.15 **Co-ordinates**525434, 185816

Groundwater observations

Groundwater strike at 17m depth filling borehole to 16.95m. Not sealed out.

Title

Borehole record

Date of excavation (range if applicable) 09/05/2015

Location plan on drawing number

02

Method of excavation

Cable and tool percussion

Appendix

С

BH09



			DEPTH	WATER		TEST RESU	JLTS			SAMPLIN	١G
WELL	DESCRIPTION	LEGEND	(m)	STRIKE	TYPE/ DEPTH (m)	RESULT	CASING DEPTH (m)	WATER	FROM (m)	TO (m)	TYPE
	Loose GRAVEL. Gravel consists of flint.	/ *************************************	0.10		DEF III (III)		DEF III (III)	LLVLL (III)	0.10	0.60	В
	MADE GROUND High strength dark brown slightly gravelly silty CLAY. Gravel consists of brick and flint.		0.10		PP 0.70	104			0.70	1.20	В
	MADE GROUND High and very high strength orange brown mottled grey silty sandy CLAY with occasional roots up to 2mm in diameter to a depth of 2m. CLAYGATE MEMBER		0.70		FF 0.70	104			0.70	1.20	В
					PP 1.70	117			1.70		D
					SPT	(7) 13	2.00	DRY	2.00	2.45	D
					2.00-2.45 PP 2.00	121					
					PP 3.00	150			3.00		D
					PP 3.50	79			3.50		D
					SPT 4.00-4.45 PP 4.00	(4) 11 88	4.00	DRY	4.00	4.45	D
					PP 5.50	63			5.50		D
					SPT 6.00-6.45 PP 6.00	(5) 14 79	6.00	DRY	6.00	6.45	D
	High strength dark brown and grey sandy CLAY. LONDON CLAY FORMATION		7.80		PP 7.80 SPT 8.00-8.45	79 (5) 17	7.50	DRY	7.80 8.00	8.45	D D
	Von high strongth double source CLAV with the U.	- <u></u>	9.50		PP 9.50	196			9.50		D
	Very high strength dark brown CLAY with shelly material.				2.20						-
	CONTINUED ON NEXT SHEET										

Ground level (mAOD)91.72 **Co-ordinates**525408, 185784

Groundwater observations

No groundwater encountered.

Title

Borehole record

Date of excavation (range if applicable) 01/06/2015

Location plan on drawing number

02

Method of excavation

Cable and tool percussion

Appendix

С

BH10



			DEDTU	\A/ATED		TEST RESU	ILTS			SAMPLII	NG
WELL	DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TYPE/ DEPTH (m)	RESULT	CASING DEPTH (m)	WATER LEVEL (m)	FROM (m)	TO (m)	TYPE
··. H:.	LONDON CLAY FORMATION —				SPT	(0) 26		DRY		10.45	D
	-				10.00-10.45	(8) 26	7.50	DKY	10.00	10.45	ט
					PP 10.00	175					
	:	===			PP 10.70	208			10.70		D
	- -	<u> </u>			11 10.70	200					
	-	===							11.00	11.40	U(49)
	-										
	=				SPT	(8) 29	7.50	DRY	11.50	11.95	D
	<u>-</u>				11.50-11.95				11.50		D
	<u>-</u>	====			PP 11.50	179					
	-										
	-										
	-				PP 12.50	208			12.50		D
	-										
	<u>-</u>				PP 13.50	192			13.50		D
					SPT	(11) 30	7.50	DRY	14.00	14.45	D
	- -				14.00-14.45	(11) 30	7.50	DINI	14.00	14.43	
	-				PP 14.00	200					
	<u> </u>				PP 15.00	217			15.00		D
	-										
	_								15.50	15.90	U(61)
	-										, ,
					SPT	(12) 33	7.50	DRY	16.00	16.45	D
	- -				16.00-16.45	(12) 33	7.50	DINI	16.00	10.43	D
	=	===			PP 16.00	221					
	-										
	<u> </u>										
	- -										
	<u>-</u>				PP 17.50	225			17.50		D
	-										
	<u>-</u>				SPT	(12) 31	7.50	DRY	18 00	18.45	D
	-				18.00-18.45	(14) 31	7.50	ואט	10.00	10.43	0
	<u>-</u>				PP 18.00	225					
	<u> </u>								19.00		D
	-										
	=								19.50	19.90	U(64)
		===									- (/
	CONTINUED ON NEXT SHEET										

Ground level (mAOD) **Co-ordinates** 91.72 525408, 185784

Groundwater observations

No groundwater encountered.

Title Borehole record

Date of excavation (range if applicable) 01/06/2015

Location plan on drawing number

02

Method of excavation

Cable and tool percussion

Appendix

С

BH10



						TEST RESU	JLTS			SAMPLIN	NG
WELL	DESCRIPTION	LEGEND	(m)	WATER STRIKE	TYPE/	RESULT	CASING	WATER	FROM	TO (m)	TYPE
					DEPTH (m)		DEPTH (m)	LEVEL (m)	(m)		
	_				SPT	(12) 35	7.50	DRY	20.00	20.45	D
		<u> </u>			20.00-20.45	. ,			20.00		D
	-										
	-										
	<u>-</u>	-			PP 21.00	225			21.00		D
					PP 21.00	225			21.00		D
	<u>-</u>				SPT	(13) 37	7.50	DRY	21.50	21.95	D
	-				21.50-21.95	, ,					
					PP 21.50	225					
	-	<u> </u>									
	<u> </u>										
	<u>-</u>				DD 22 E0	225			22 50		D
	<u> </u>				PP 22.50	223			22.50		U
	-										
	<u>-</u>				SPT	(13) 34	7.50	DRY	23.00	23.45	D
	-				23.00-23.45						
	-				PP 23.00	225					
	-										
	-	<u> </u>									
	<u>-</u>				PP 24.00	225			24.00		D
	<u> </u>				11 24.00	223			24.00		D
	<u> </u>	<u> </u>									
	-	-									
		====				225			2= 00		(0.4)
					PP 25.00	225			25.00	25.40	U(91)
	-										
	<u>-</u>				SPT	(12) 38	7.50	DRY	25.50	25.95	D
		<u> </u>			25.50-25.95	(,	1.00		25.50		D
			25.05								
	BOREHOLE TERMINATED AT 25.95m		25.95								
	<u>-</u>										
	-										
		-									
	<u>-</u>	-									
		1									
		1									
		1									
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		1									
		1									
	-	1									
		-									

Ground level (mAOD)

Co-ordinates

Borehole record

Title

Method of excavation

91.72

525408, 185784

Cable and tool percussion

Groundwater observations

Appendix

No groundwater encountered.

Date of excavation (range if applicable) 01/06/2015

С

Location plan on drawing number

BH10

Report ref: STL2813D-G01 Revision: 0

02



$^{\parallel}$	-	. = 0 = : :	DEPTH	WATER		RESULTS		SAMPLIN	lG
.L	DESCRIPTION	LEGEND	(m)	STRIKE	TYPE/ DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	Rough vegetation over medium strength brown slightly gravelly sandy CLAY. Gravel consists of brick and flint.	-					0.10		D
	MADE GROUND						0.30		D
	Medium strength orange brown mottled blue grey slightly sandy slightly gravelly CLAY. Gravel consists of coarse rounded and angular flint.		0.40		PP 0.50	63			
	CLAYGATE MEMBER				PP 0.70	50			
					PP 0.90	69	0.90		D
					PP 1.20	75			
					PP 1.50	69	1.50		D
					PP 1.80	75			
					PP 2.10	38			
	Low strength orange brown mottled blue grey silty sandy CLAY / clayey SAND.		2.20						
	CLAYGATE MEMBER		-		PP 2.40	25	2.50		C
					PP 2.70	25			
					PP 3.40	38	3.50		D
	Medium strength orange brown mottled blue grey slightly sandy silty CLAY.		3.60		DD 2 CC	50			
	CLAYGATE MEMBER				PP 3.80	50			
					DD 4.00	F.0			
					PP 4.20	50			
	Medium strength blue grey silty sandy CLAY. CLAYGATE MEMBER		4.40		PP 4.50	50	4.50		0
					PP 4.90	63			

Notes: Inspection pit excavated from 0.0m to 1.2m depth.

Ground level (mAOD) Co-ordinates

nates

TitleDriven tube sampler borehole record

Surface breaking

No

Groundwater observations

Groundwater struck at 3.3m rising to 2.5m after 20 minutes.

Date of excavation (range if applicable) 02/06/2015

Location plan on drawing number 02

Appendix D

WS01



			DEDTU	W/VLED	TEST R	ESULTS		SAMPLIN	1G
WELL	DESCRIPTION	LEGEND	(m)	WATER STRIKE	TYPE/ DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	[Medium dense] lue grey slightly clayey silty SAND. CLAYGATE MEMBER	= 7.5 %	5.00						
	Medium strength blue grey silty sandy CLAY. CLAYGATE MEMBER		5.30						
					PP 5.50	63	5.50		D
	BOREHOLE TERMINATED AT 6.00m		6.00		PP 5.90	75			
	BOREHOLE TERMINATED AT 6.0011								
		_ _ _							
		_							
		_ - - -							
		=							

Notes: Inspection pit excavated from 0.0m to 1.2m depth.

Ground level (mAOD) Co-ordinates

Groundwater observations

Groundwater struck at 3.3m rising to 2.5m after 20 minutes.

Title

Driven tube sampler borehole record

Date of excavation (range if applicable) 02/06/2015

Location plan on drawing number 02

Surface breaking

No

Appendix

D

WS01



DESCRIPTION	LEGEND	DEPTH	WATER		RESULTS		SAMPLI	NG
	LEGEND	(m)	STRIKE	TYPE/ DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass over brown slightly gravelly sandy CLAY. Gravel consists of flint.	-							
TOPSOIL						0.20		ES
	3////							
Medium to high strength orange brown mottled blue grey slightly sand	ly	0.40				0.40		ES
CLAY.		1		PP 0.50	50			
CLAYGATE MEMBER		1		PP 0.70	50			
	<u> </u>	7			33			
		-		PP 0.90	50			
		-				1.00		D
				PP 1.10	100			
	====	-		PP 1.30	100			
		-						
		}		PP 1.50	175	1.50		D
		-		DD 4 70	150			
	1			PP 1.70	150			
				PP 1.90	125			
	1							
	===							
•				PP 2.20 PP 2.30	100 125			
[Medium dense] range brown mottled grey silty very clayey SAND / Lo	===	2.40		11 2.50	123			
strength very sandy CLAY.	w <u> </u>			PP 2.50	25	2.50		D
CLAYGATE MEMBER	===			55.6.70	20			
		-		PP 2.70	38			
	<u> </u>	7		PP 2.90	25			
		-						
[Medium dense] orange brown mottled blue grey clayey silty SAND.		3.10						
CLAYGATE MEMBER						3.30		D
. [Medium dense] range brown mottled grey silty very clayey SAND /		3.40				3.30		
Medium strength very sandy CLAY.				PP 3.50	50			
CLAYGATE MEMBER		2.70		PP 3.60	75			
[Medium dense] range brown mottled blue grey clayey silty SAND. CLAYGATE MEMBER		3.70						
CLATGATE MEINBER	388							
		3						
[Medium dense] orange brown mottled grey silty very clayey SAND /		4.50						
Medium strength very sandy CLAY.		1		PP 4.60	75	4.70		
. CLAYGATE MEMBER		1		PP 4.80	75	4.70		D
		1		1.50	,,			
CONTINUED ON NEXT SHEET								

Notes: Standpipe installed to 6m depth.

Ground level (mAOD) 93.88 **Co-ordinates** 525292, 185885

Driven tube sampler borehole record

Surface breaking

No

Groundwater observations

Groundwater struck at 3.3m.

Date of excavation (range if applicable) 02/06/2015

Appendix
D

Location plan on drawing number 02

WS02

Report ref: STL2813D-G01 Revision: 0

Title



			DEDTU	VA/ATED	TEST F	RESULTS	Ι	SAMPLIN	lG
WELL	DESCRIPTION	LEGEND	(m)	WATER STRIKE	TYPE/ DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	_				PP 5.00	100	(111)		
			1						
	High strength blue grey silty very sandy CLAY.		5.20		PP 5.20	100			
	CLAYGATE MEMBER								
	-				PP 5.50	125			
							5.60		D
					PP 5.70	125			
					DD 5 00	450			
: :			6.00		PP 5.90	150			
	BOREHOLE TERMINATED AT 6.00m		0.00						
		1							
	_	-							
		1							
	_								
	-								
		=							
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		-							
	-	1							
		1							
		+							
		1	1				1		

Notes: Standpipe installed to 6m depth.

Ground level (mAOD)

Co-ordinates

525292, 185885

Surface breaking No

93.88

Driven tube sampler borehole record

Date of excavation (range if applicable)

Groundwater observations

02/06/2015

Title

Appendix D

Groundwater struck at 3.3m.

Location plan on drawing number 02

WS02

Report ref: STL2813D-G01



	DESCRIPTION	LEGEND	DEPTH			RESULTS		SAMPLIN	NG
		LEGEND	(m)	STRIKE	TYPE/ DEPTH (m)	RESULT	FROM (m)	TO (m)	TYF
	Grass over brown slightly gravelly sandy CLAY. Gravel consists of flint. TOPSOIL	- 5000					0.10		ES
							0.40		
	Medium strength orange brown mottled blue grey slightly silty sandy		0.40		PP 0.50	50	0.40		E:
	CLAY. CLAYGATE MEMBER	====			PP 0.50	30			
		1			PP 0.70	50			
		#==			22.000	75	0.00		_
					PP 0.90	75	0.90		
		===							
		===			PP 1.20	100			
					DD 4 40	100			
		+===			PP 1.40	100	1.50		D
		===			PP 1.70	175			
					PP 1.90	150			
		===			FF 1.90	150			
		===							
	[Medium dense] range brown mottled blue grey clayey silty SAND.	7750	2.20						
	CLAYGATE MEMBER								
		<u> </u>					2.50		0
	Medium strength orange brown mottled blue grey silty sandy CLAY.		2.70						
	CLAYGATE MEMBER								
	[Medium dense] orange brown slightly clayey silty SAND.		3.00						
	CLAYGATE MEMBER								
							3.40		
	Medium to high strength orange brown mottled blue grey silty sandy		3.60		DD 2 70	EO			
	CLAY. CLAYGATE MEMBER				PP 3.70	50			
		<u> </u>			PP 3.90	50			
		1			PP 4.20	75			
		===			11 4.20	,,			
-	[Medium dense] ange brown slightly clayey silty SAND.		4.40						
	CLAYGATE MEMBER						4.50		
		3493							
\perp	CONTINUED ON NEXT SHEET								

Surface breaking

Ground level (mAOD) **Co-ordinates** Title Driven tube sampler borehole record No

Groundwater observations Date of excavation (range if applicable)

02/06/2015 Groundwater struck at 4.5m.

Location plan on drawing number 02

WS03

Appendix

D



			DEPTH	WATER	TEST R	ESULTS		SAMPLIN	lG
WELL	DESCRIPTION	LEGEND	(m)	WATER STRIKE	TYPE/ DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
					DELIU (III)		(111)		
			į						
			3						
		- 1 4888							
İ	Medium to high strength blue grey mottled orange brown silty very		5.40						
	sandy CLAY.	-	1		PP 5.50	75			
	CLAYGATE MEMBER						5.60		D
					PP 5.70	100			
		T-I-	1						
		1-1-1-	1		PP 5.90	100			
		. ====	6.00		11 3.50	100			
	BOREHOLE TERMINATED AT 6.00m		0.00						
		7							
		7							
		7							
		_							
		4							
		7							
		7							
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Ground level (mAOD) **Co-ordinates** Title

Groundwater observations Date of excavation (range if applicable) Groundwater struck at 4.5m.

02/06/2015

Location plan on drawing number 02

Driven tube sampler borehole record

D **WS03**

Surface breaking

No

Appendix



			DEPTH	W/ATER	TEST I	RESULTS		SAMPLIN	NG
WELL	DESCRIPTION	LEGEND	(m)	WATER STRIKE	TYPE/ DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	Grass over brown slightly gravelly sandy CLAY. Gravel consists of brick	-			, ,		0.10		ES
	and flint. MADE GROUND	-					0.10		LS
		- ∄‱							
		-					0.40		ES
	High strength orange brown mottled blue grey sandy CLAY.		0.50		PP 0.60	75			
	CLAYGATE MEMBER	====			11 0.00	75			
					PP 0.80	75			
		====							
		===			PP 1.10	100	1.00		D
		====			11 1.10	100			
		====			PP 1.40	100	4.50		
					PP 1.60	125	1.50		D
		====			11 1.00	123			
					PP 1.90	100			
					PP 2.20	125			
		#===							
					DD 3 50	150	2.50		6
					PP 2.50	150	2.50		D
		====							
		===							
		_===			PP 2.90	138			
					PP 3.10	150			
		1							
		====							
					PP 3.50	150			
	[Madium dance] grange brown claves city CAND	50.500.00	3.60		11 3.30	130			
	[Medium dense] orange brown clayey silty SAND. CLAYGATE MEMBER						3.70		D
		3/4							
							4.50		D
							1.50		5
	CONTINUED OF THE STATE OF THE S								
	CONTINUED ON NEXT SHEET						1		l

Ground level (mAOD) **Co-ordinates** Title

Driven tube sampler borehole record

Groundwater observations Date of excavation (range if applicable) 02/06/2015 Groundwater struck at 4.2m.

> Location plan on drawing number 02

D

Appendix

No

Surface breaking

WS04



			DEPTH	WATER	TEST R	ESULTS		SAMPLIN	١G
WELL	DESCRIPTION	LEGEND	(m)	WATER STRIKE	TYPE/ DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
		- 43,53			D 2.1 111 (111)		(,		
		3/2/2							
	[Medium dense] grey mottled orange brown clayey silty SAND.	- 1000	5.40						
	CLAYGATE MEMBER						5.50		D
		17.3							
			:						
			6.00						
	BOREHOLE TERMINATED AT 6.00m	=	0.00						
		=							
		1							
]							
		-							
		=							
		1							
		‡							
		=							
		7							
		3							
		_							
		=							
		4							
		=							
		3							
		_							
		=							
		7							
		=							
		7							
		3							
		‡							
		1							
]							
		3							
		_							
		=							
		=							
		7							
		3							
]							
		_							
		_							
		‡							

Ground level (mAOD) Co-ordinates

Title

Driven tube sampler borehole record

No

Surface breaking

Groundwater observations

Groundwater struck at 4.2m.

Date of excavation (range if applicable) 02/06/2015

Appendix D

Location plan on drawing number 02

WS04



			DEPTH	WATER	TEST	RESULTS		SAMPLIN	NG
WELL	DESCRIPTION	LEGEND	(m)	STRIKE	TYPE/ DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	Grass over brown slightly gravelly sandy CLAY. Gravel consists of flint. TOPSOIL	- 3333					0.10		ES
	TOPSOIL								
			0.40				0.40		F.C.
	Medium strength orange brown mottled blue grey sandy CLAY. CLAYGATE MEMBER	#==	0.40		PP 0.50	50	0.40		ES
	CLAIGAIL MILMIDLIN								
					PP 0.70	50			
		===			PP 0.90	50	0.90		D
		===							
		===			PP 1.20	63			
					FF 1.20	03			
					PP 1.50	75	1.50		D
					PP 1.80	75			
					PP 2.10	75			
					DD 2 20	75			
		===			PP 2.30	75			
		===			PP 2.50	100	2.50		D
					PP 2.70	125			
	from 2.7m depth, becoming very sandy.				11 2.70	123			
		#===			PP 2.90	131			
	And the second s		3.10		PP 3.10	150			
	Medium to high strength orange brown mottled blue grey silty sandy CLAY.								
	CLAYGATE MEMBER				PP 3.30	150			
					PP 3.50	175			
		===							
		7,,,,,,,,	3.80		PP 3.70	150	3.80		D
	[Medium dense] orange brown mottled grey clayey silty fine SAND. CLAYGATE MEMBER		0.00				3.55		
		7							
							4.50		D
							4.50		D
-	CONTINUED ON NEXT SHEET	<u> </u>							

Notes: Inspection pit excavated from 0.0m to 1.2m depth.

Ground level (mAOD) **Co-ordinates** Title

03/06/2015

Surface breaking Driven tube sampler borehole record No

Date of excavation (range if applicable) **Appendix** D

Groundwater observations

No groundwater encountered.

Location plan on drawing number

WS05

Report ref: STL2813D-G01 Revision: 0

02



			DFPTH	WATER	TEST R	RESULTS		SAMPLIN	1G
WELL	DESCRIPTION	LEGEND	(m)	WATER STRIKE	TYPE/ DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
		-			D 2.1 111 (111)		(,		
		3/8/8							Ì
									Ì
									Ì
	Orange brown and grey silty very sandy CLAY.		5.40						1
	CLAYGATE MEMBER	===					5.50		D
	[Medium dense] orange brown mottled grey clayey silty fine SAND.	7000	5.60						1
	CLAYGATE MEMBER	3/8/8							1
									Ì
		-	6.00						1
	BOREHOLE TERMINATED AT 6.00m	_	0.00						1
		4							Ì
		1							Ì
		3							i
		-							Ì
		_							i
		1							i
		=							Ì
		7							1
		7							1
		3							1
		_							1
		_							1
		_							1
		7							1
		7							Ì
		3							1
		=							1
		_							1
		4							1
		7							Ì
		7							Ì
		\exists							i
		_							i
		‡							i
		1							i
		3							i
		_]							i
		_							i
		_							Ì
		‡							Ì
		1							Ì
		7							Ì
		3							Ì
		-							Ì
		_							i

Notes: Inspection pit excavated from 0.0m to 1.2m depth.

Ground level (mAOD) **Co-ordinates** Title

Surface breaking No

Driven tube sampler borehole record

Appendix D

Groundwater observations No groundwater encountered.

Location plan on drawing number

Date of excavation (range if applicable)

WS05

Report ref: STL2813D-G01 Revision: 0

02

03/06/2015



	DECCRIPTION	LECENIA	DEPTH	WATER		RESULTS		SAMPLIN	NG
-	DESCRIPTION	LEGEND	(m)	STRIKE	TYPE/ DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	Grass over brown slightly gravelly sandy CLAY. Gravel consists of brick and flint.	-							
	MADE GROUND	-					0.20		ES
	Medium to high strength orange brown mottled grey sandy CLAY. CLAYGATE MEMBER		0.30		PP 0.30	50	0.40		ES
	<u></u>				PP 0.50	75			
					PP 0.70	100			
					PP 0.90	100	0.90		D
			-		PP 1.10	100			
					PP 1.30	125			
					PP 1.50	125	1.50		D
	High to very high strength orange red brown mottled grey silty very		1.70		PP 1.70	150			
	sandy CLAY. CLAYGATE MEMBER				PP 1.90	125			
					PP 2.10	125			
					11 2.10	123			
					PP 2.40	150			
	[Medium dense] orange brown mottled blue grey silty very clayey SAND.		2.50				2.50		D
	CLAYGATE MEMBER								
			3.60				3.50		D
	Medium to high strength orange brown mottled grey silty very sandy CLAY.		3.00		PP 3.70	63			
	CLAYGATE MEMBER				PP 3.90	88			
			4.10						
	[Medium dense] orange brown mottled blue grey silty very clayey SAND. CLAYGATE MEMBER		7.10						
							4.50		D
l	CONTINUED ON NEXT SHEET								

Ground level (mAOD) Co-ordinates Title

Driven tube sampler borehole record

Surface breaking No

Groundwater observations

Groundwater struck at 5.1m.

Date of excavation (range if applicable) 03/06/2015

Appendix D

Location plan on drawing number 02

WS06



	1		DEPTH	WATER	TEST F	RESULTS		SAMPLIN	٧G
WELL	- DESCRIPTION	LEGEND	(m)	STRIKE	TYPE/ DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
WELL	BOREHOLE TERMINATED AT 6.00m	LEGEND	6.00	WATER STRIKE	TEST F TYPE/ DEPTH (m)		5.50	TO (m)	

Ground level (mAOD) Co-ordinates

Title

Driven tube sampler borehole record

No

Surface breaking

 ${\bf Groundwater\ observations}$

Groundwater struck at 5.1m.

Date of excavation (range if applicable) 03/06/2015

Appendix D

Location plan on drawing number 02

WS06



L	DESCRIPTION	LEGEND	DEPTH	WATER		RESULTS	SAMPLING		
-	DESCRIPTION	LEGEND	(m)	STRIKE	TYPE/ DEPTH (m)	RESULT	FROM (m)	TO (m)	TYP
T	Grass overy brown slightly gravelly sandy CLAY. Gravel consists of brick	-			D 2. 111 (111)		()		
	and flint.	1							
	MADE GROUND						0.20		ES
		-‡‱							
L			0.45				0.40		ES
	Medium strength orange brown mottled blue grey sandy CLAY.	+==	0.43		PP 0.50	75			
	CLAYGATE MEMBER		-						
		<u> </u>			PP 0.70	75			
		+===	-						
		<u> </u>			PP 0.90	100	0.90		D
		Ŧ===			PP 1.10	100			
		1	1						
		-	-		PP 1.30	100			
		<u> </u>	1		11 1.50	100			
		+	1		PP 1.50	100	1.50		D
					FF 1.30	100	1.50		D
			1		DD 4 70	425			
					PP 1.70	125			
		-	-		PP 1.90	138			
		+	1						
		-	1						
		<u> </u>]		PP 2.20	150			
		<u> </u>	1						
		+	-						
		<u></u>			PP 2.50	150	2.50		D
			-						
		T							
F		===	2.80		PP 2.80	150			
	Medium strength orange brown mottled blue grey silty very sandy CLAY. CLAYGATE MEMBER								
	CLAYGALE MEMBER	<u> </u>							
		+	1		PP 3.10	125			
					11 3.10	123			
		±- <u>-</u>			PP 3.30	150			
			3.40		FF 3.30	130			
	[Medium dense] orange brown mottled blue grey clayey silty SAND.		3.40				3.50		D
	CLAYGATE MEMBER		2.60				3.30		D
	Medium strength orange brown mottled blue grey silty very sandy CLAY.		3.60		22.2	450			
	CLAYGATE MEMBER	<u></u>	1		PP 3.70	150			
		1	1						
		<u> </u>			PP 3.90	150			
		===							
			-		PP 4.10	150			
		<u> </u>							
		+	-		PP 4.30	150			
		<u> </u>	1						
+	High to very high strengh blue grey and brown sandy silty CLAY.	+==	4.50				4.50		D
	CLAYGATE MEMBER	===	-		PP 4.60	150			
		===	1						
		1	1						
- 1			1		PP 4.90	188			

Ground level (mAOD) **Co-ordinates**

Title

Surface breaking Driven tube sampler borehole record No

Groundwater observations

No groundwater encountered.

Date of excavation (range if applicable) 03/06/2015

Appendix D

Location plan on drawing number 02

WS07



			DEPTH	W/ATER	TEST F	RESULTS		SAMPLIN	1G
WELL	DESCRIPTION	LEGEND	(m)	WATER STRIKE	TYPE/ DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	-				J 2 (III)				
			1						
	- -	===					5.50		D
			-						
			-						
		F===	1						
			6.00						
	BOREHOLE TERMINATED AT 6.00m	1	0.00						
		1							
		1							
		-							
	<u>-</u>	1							
		1							
		1							
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	<u>-</u>	1							
]							
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		1							
		1							
		1		1			1		

Ground level (mAOD) Co-ordinates

Title

Driven tube sampler borehole record

Surface breaking No

Groundwater observations

Date of excavation (range if applicable) 03/06/2015

Appendix D

No groundwater encountered.

Location plan on drawing number 02

WS07



			DEPTH	WATER		RESULTS		SAMPLII	NG
WELL	DESCRIPTION	LEGEND	(m)	STRIKE	TYPE/ DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
١	Grass onto [medium dense] dark brown slightly gravelly SAND. Gravel consists of flint, brick and occasional ash. MADE GROUND Medium strength orange brown slightly gravelly silty CLAY. Gravel		0.15		PP 0.20	63	0.10	0.20	ES
	consists of brick and flint. MADE GROUND				PP 0.40	88	0.30	0.40	ES ES
					PP 0.60	75			
		-			PP 0.80	88			
-	Medium strength orange brown mottled grey silty CLAY. CLAYGATE MEMBER		1.00		PP 1.00	63	1.00	1.10	ES
					PP 1.20	79	1.20	1.30	ES
					PP 1.40	100	1.50	1.60	ES
					PP 1.60 PP 1.80	96 88			
					PP 2.00	79			
					PP 2.20	104			
					PP 2.40	81			
					PP 2.60	104	2.50	2.60	ES
	Medium strength orange brown mottled grey slightly sandy silty CLAY. CLAYGATE MEMBER		2.80		PP 2.80	69			
	CLATOATE MEMBER				PP 3.00	75			
					PP 3.20	79			
					PP 3.40	79	3.50	3.60	ES
					PP 3.60 PP 3.80	54 79			
					PP 4.00	79 42			
			-		PP 4.20	83			
					PP 4.40	96			
					PP 4.60	71	4.50	5.00	В
					PP 4.80	75			
ŀ	CONTINUED ON NEXT SHEET		1						

Ground level (mAOD) Co-ordinates

Title

Surface breaking

Groundwater observations

Minor water seepage at 4.1m depth.

Driven tube sampler borehole record

No **Appendix**

Date of excavation (range if applicable) 08/06/2015

D

Location plan on drawing number 02

WS08



			DEPTH	WATER	TEST F	RESULTS		SAMPLIN	1G
WELL	DESCRIPTION	LEGEND	(m)	WATER STRIKE	TYPE/ DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	High strength dark grey silty CLAY.	====	5.00		PP 5.00	121			
	LONDON CLAY FORMATION		1						
		===							
	-	===					5.50	6.00	В
		====							
	BOREHOLE TERMINATED AT 6.00m		6.00						
	BUNEFIOLE TERMINALED AT 6.00III	-							
		1							
		1							
		1							
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		1							
	-	1							
		1							
		1							
	·	1	L						

Ground level (mAOD) Co-ordinates

Title

Surface breaking

Groundwater observations

Minor water seepage at 4.1m depth.

Date of excavation (range if applicable) 08/06/2015

Driven tube sampler borehole record

Appendix D

No

Location plan on drawing number 02

WS08



	OFFICE OFFI OFFI OFFI OFFI OFFI OFFI OFFI OFF	15051-	DEPTH	WATER		RESULTS		SAMPLIN	٧G
-	DESCRIPTION	LEGEND	(m)	STRIKE	TYPE/ DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	Dark grey BITUMINOUS BOUND MATERIAL.		0.05		, ,				
	MADE GROUND [Medium dense] dark grey slightly clayey sandy GRAVEL. Gravel consists	-	0.00						
	of flint, bituminous bound material and brick.	-					0.30		ES
	MADE GROUND	-							
H	Medium strength orange brown mottled blue grey slightly silty sandy		0.50						
	CLAY.	===			PP 0.60	75			
	CLAYGATE MEMBER								
					PP 0.90	75	0.90		D
		_===			11 0.50	75	0.50		
					PP 1.10	100			
		F==							
		<u> </u>			PP 1.30	75			
		+							_
]==			PP 1.50	75	1.50		D
		<u> </u>			PP 1.70	75			
		===			11 1.70	, 3			
		<u> </u>			PP 1.90	100			
					PP 2.10	100			
					DD 2 20	425			
					PP 2.30	125			
	[NA. II] and a self-self-self-self-self-self-self-self-		2.50				2.50		D
	[Medium dense] orange brown and grey clayey silty SAND. CLAYGATE MEMBER								
	High to very high strength orange brown and grey silty very sandy CLAY.		2.70						
	CLAYGATE MEMBER				PP 2.80	150			
		===			PP 3.10	150			
		===			11 3.10	130			
									
		===			PP 3.40	125			
		===					3.50		D
	High strength grey and brown silty very sandy CLAY.		3.60						
	CLAYGATE MEMBER	===	-		PP 3.80	150			
		===	1		5.55	250			
			1						
		===	1						
		===	1		PP 4.20	150			
L			4.40						
	Very high strength blue grey silty sandy CLAY.	#==	4.40		PP 4.50	150	4.50		D
	CLAYGATE MEMBER	====	1		11 7.50	130	7.50		
					PP 4.70	150			
		1							
L		+===							
	CONTINUED ON NEXT SHEET								

Ground level (mAOD) Co-ordinates Title Surface breaking

Groundwater observations Date of excavation (range if applicable)

No groundwater encountered.

Date of excavation (range if applicable)
03/06/2015

Location plan on drawing number 02

Driven tube sampler borehole record

WS09

No

D

Appendix



			DEDTIL		TEST F	RESULTS		SAMPLIN	١G
WELL	DESCRIPTION	LEGEND	(m)	WATER STRIKE	TYPE/ DEPTH (m)	RESULT	FROM	TO (m)	TYPE
	<u> </u>				DEPTH (m)		(m)	(,	
	<u>-</u>				PP 5.10	150			
	- -				FF 3.10	130			
	-				PP 5.30	150			
	<u> </u>	===			5.55	150			
	<u>-</u>				PP 5.50	175	5.50		D
	<u> </u>	===			PP 5.70	175			
	<u>-</u>								
	- -				PP 5.90	175			
	BOREHOLE TERMINATED AT 6.00m		6.00						
]	1							
	-								
	-]							
		-							
	<u>-</u>								
	-								
	<u>-</u>	1							
		}							
		1							
	<u>.</u>								
	-								
	-								
	-	1							
		}							
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	-								

Ground level (mAOD) Co-ordinates

Title

Surface breaking

Appendix

No

D

Groundwater observations

No groundwater encountered.

Date of excavation (range if applicable) 03/06/2015

Driven tube sampler borehole record

Location plan on drawing number 02

WS09



L	DECCRIPTION	LEGEND	DEPTH	WATER		ESULTS		SAMPLING	
L	DESCRIPTION	LEGEND	(m)	STRIKE	TYPE/ DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	Pea gravel over brown slightly gravelly sandy CLAY. Gravel consists of	-			(/				
	flint and occasional brick.	₹							
	MADE GROUND						0.20		ES
		∃‱							
							0.40		ES
ŀ	Medium strength orange brown mottled blue grey slightly sandy CLAY.		0.50						
	CLAYGATE MEMBER	<u> </u>			PP 0.60	100			
	CLATOATE WEWBER		-						
		<u> </u>							
					PP 0.90	100			
					FF 0.90	100	1 00		_
		+	-				1.00		D
		<u> </u>							
					PP 1.20	75			
									
		<u> </u>			PP 1.40	75			
		-					1.50		D
		<u></u>							
		+=-=			PP 1.70	100			
-	from 4.0m death, hereafter was and	<u> </u>							
1	from 1.8m depth, becoming very sandy.	1-1-1-			PP 1.90	100			
		<u> </u>			11 1.50	100			
		-	-		DD 2.40	100			
		<u>-</u> [-]-			PP 2.10	100			
		<u> </u>			PP 2.30	100			
					PP 2.50	125	2.50		D
		Ŧ <u>-</u>			PP 2.70	125			
		-							
		1-2-2-			PP 2.90	100			
		<u> </u>			2.50	100			
		1-1-1-			PP 3.10	125			
		<u></u>			FF 3.10	123			
		+===							
		Ţ-I-			PP 3.30	150			
t	Medium strength dark brown mottled orange brown silty sandy CLAY.		3.40						
	CLAYGATE MEMBER				PP 3.50	150	3.50		D
		±							
					PP 3.70	150			
		-							
		1	1		PP 3.90	150			
		_	1						
		<u> </u>	1		PP 4.10	150			
		<u></u>	1		11 7.10	130			
		 - <u>-</u>	-						
		-	1						
T	High to very high strength blue grey very silty very sandy CLAY.	+===	4.40		PP 4.40	175			
	CLAYGATE MEMBER		1				4.50		D
		+=-=	-						
			1						
		1	1						
			1		PP 4.90	175			
			1	1			1	1	

Ground level (mAOD) Co-ordinates Title Surface breaking

Ground level (mAOD)

Co-ordinates

Title

Driven tube sampler borehole record

Groundwater observations Date of excavation (range if applicable)

No groundwater encountered.

03/06/2015

Location plan on drawing number 02

WS10

No

D

Appendix



			DEPTH	WATER	TEST F	RESULTS		SAMPLIN	NG
WELL	DESCRIPTION	LEGEND	(m)	WATER STRIKE	TYPE/ DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	<u> </u>		-		DEFIN (III)		(111)		
		-	1		PP 5.10	150			
		<u> </u>	1						
		===							
					PP 5.50	150	5.50		D
		===							
			-						
		<u> </u>			PP 5.80	150			
		<u> </u>	1						
	BOREHOLE TERMINATED AT 6.00m		6.00						
	BOILE TERMINATED AT 6.0011								
		\exists							
		_							
	-								
		_							
		1							
		1							
		1							
		\exists							
	_								
		1							
		1							
		1							

Ground level (mAOD) Co-ordinates

Title

Surface breaking

Groundwater observations

No groundwater encountered.

Date of excavation (range if applicable) 03/06/2015

Driven tube sampler borehole record

Appendix D

No

Location plan on drawing number 02

WS10

