



Site Boundary





Not to Scale: Illustrative Only

Figure 14: 2003 Google Earth View



Site Boundary





Not to Scale: Illustrative Only

Figure 15: 2018 Google Earth View





Plate 1: View of the site from Vastern Road Looking Northwest



Plate 2: View of the Site Looking South

APPENDIX ONE: Geotechnical Data

CgMs Limited 25311/CC

BOREHOLE LOG



Borehole No.

BH1001 Sheet 1 of 2

Telephone: 01452 739165, Fax: 01452 739220, Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road, Project No: Reading

C5925

Co-ords: E 471576 N 174181

Hole Type CP

Vastern Road, Reading, RG1 8BU Location:

Level: 38.39mAOD

Scale 1:50.00

Client: SSE Plc

Dates:

Start: 29/01/2018 End: 31/01/2018 Logged By MM

								End: 31/01/2			IVIIVI
(m)	Water		les & In Situ To		Sample	Insta	all	Description	Depth	Level (mAD)	Legend
	Levels	No/Type	Depth (m)	Result	<u> </u>	Wa -		MADE GROUND: Grey ASPHALT.	(m)	, ,	XXXXX
1 —		B ES B ES B	0.20 - 0.40 0.20 0.40 - 0.60 0.50 0.70 - 1.20					MADE GROUND: Dark grey sandy slightly silty angular fine to coarse GRAVEL of siliceous material and brick with low cobble content. MADE GROUND: Brown sandy silty angular fine to coarse GRAVEL of siliceous material and brick with medium cobble content of brick.	0.10 - 0.40 - 0.60 - 0.70	38.29 37.99 37.79 37.69	1
-	<u>2</u>	ES SPT	1.20 1.20 - 1.65	S 4				MADE GROUND: Grey CONCRETE. MADE GROUND: Soft dark greyish brown slightly gravelly sandy CLAY. Gravel is angular fine to coarse of siliceous material, concrete and brick. Soft becoming very soft green slightly sandy CLAY with a	(0.80) - 1.50	36.89	
2 -		D ES UT100	2.00 2.00 - 2.45 2.50					moderate organic odour. (ALLUVIÚM)			2
3 —	<u></u>	D SPT	3.00 3.00 - 3.45	S<1					(2.50)		
4 -	<u></u>	B D SPT C	4.00 - 4.45 4.00 4.00 - 4.45	S 5				Loose grey silty very sandy angular to subangular fine to coarse GRAVEL of siliceous material. (KEMPTON PARK GRAVEL)	4.00	34.39	**************************************
5 —		B D	5.00 - 5.45 5.00	C 25				Medium dense grey sandy silty angular to sub-angular fine to coarse GRAVEL of siliceous material. (KEMPTON PARK	(1.00)	33.39	1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2
6 —		SPT C	5.00 - 5.45					GRAVEL)	(1.50)		*
7 —		SPT C	6.50 - 6.95 7.00	C 27				Medium dense light brown sandy becoming very sandy silty angular to sub-rounded fine to coarse GRAVEL of siliceous material. (KEMPTON PARK GRAVEL)	- 6.50	31.89	
- - - - - 8 —	2								(2.50)		0 X 0 X 0 X 0 X 0 X 0 X 0 X 0 X 0 X 0 X

EQUIPMENT: Hand tools. Hydraulic breaker. Light cable percussion rig.

METHOD: Hard standing broken out using hydraulic breaker with a range of chisels and continued with hand dug inspection pit: 0.00-1.20m. Cable percussion drilled using 250mm diameter clay cutter and bailer 1.20-1.70m and 200mm diameter clay cutter and bailer 1.70-12.00m.

CASING: 250mm diameter to 1.70m. 200mm diameter to 10.50m.

GROUNDWATER: Encountered at 4.00m, and rose to 3.40m after 20 minutes; and at 8.00m and rose to 1.70m after 20 minutes.

INSTALLATION: Borehole was sealed with bentonite pellets: 7.00-12.00m. 50mm ID HDPE slotted pipe with washed gravel response zone: 7.00-1.00m. 50mm ID HDPE plain pipe with bentonite pellet seal: 1.00-0.20m. Flush 150mm steel cover set in concrete: Flush cover set in concrete: 0.20-0.10m. Gas valve fitted. Surface reinstated with tarmacadam 0.10-0.00m.

REMARKS: Borehole was installed on 31/1/18. Clean drilling techniques; bentonite seal from 1.50-2.00m. PID readings taken on all environmental samples. Results: 0.20m - 0.10ppm; 0.50m -0.20ppm; 1.20m - 0.20.ppm; 2.00m - 0.40ppm.

Groundwater:				Hole Progress:				
Date 30/01/18 30/01/18	Strike Depth (m)	Casing Depth (m)	Depth After Observation (m)	Date	Hole Depth (m)	Casing Depth (m)	Water Depth (m)	
30/01/18	4.00	4.00	3.40	29/01/2018 17:00	0.05			
	8.00	7.60	1.70	30/01/2018 08:00	0.05			

CC GROUND INVESTIGATIONS LTD **BOREHOLE LOG**

Location:



Borehole No.

BH1001

Sheet 2 of 2

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk Project Name: SSE Site, Vastern Road, Project No: Hole Type Co-ords: E 471576 N 174181 Reading CP C5925

> Vastern Road, Reading, RG1 8BU Scale 38.39mAOD Level: 1:50.00

SSE Plc Client: Start: 29/01/2018 Logged By Dates.

n)	Water	Samp	les & In Situ T	esting	Sample	Install	De	scription		Depth	Level	Legen
11)	Levels	No/Type	Depth (m)	Result	Sample	IIIStali				(m)	(mAD)	
-		D SPT	8.00 8.00 - 8.45	S 10			Medium dense light brown sa	ndy becoming	very sandy silty			0x0 8
=]	SPI	6.00 - 6.45				angular to sub-rounded fine to material. (KEMPTON PARK (Coarse GRA GRAVEL) (con	VEL Of SIIICEOUS			\$\langle \cdot \cd
=	1						sheet)					80,080
_							8.00m: Firm grey gravelly san sub-rounded fine to medium.	dy clay. Grave	el angular to			18 3 8
-							sub-rounded fine to medium.					x0 0 x(
_	1	D	9.00				CHALK recovered as: light br	own and off w	hite slightly sandy	9.00	29.39	
-	}						slightly silty angular to sub-an COBBLES of weak low to me	gular fine to c	oarse GRAVEL and			
-							COBBLES of weak low to me CHALK SUBGROUP)	dium density o	chalk (WHITE			
-		SPT	9.50 - 9.95	S 6			or where dobblinder y					- '- - '
-	1											
) —	-	D	10.00					, < / \				
-	1		10.00				/	$\backslash \vee$				
-												<u> </u>
=								\wedge		(3.00)		
=	1						/ /		<u> </u>			
1 —	1		44.00	0.40				/ /				
_	1	D SPT	11.00 11.00 - 11.45	S 12								- '- - '
_	1	5, 1	11.00 - 11.40									
=	1											
=	}											
	1									40.00	00.00	- '
2 -	1	D	12.00				Borehole completed at 12.00r	n/		12.00	26.39	
=	1							/				
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oun	dwater:						Hole Progress:					
	ate	Strike (n	Depth Cas	sing Dept (m)	h De	epth After ervation (ı	Date	Hole Depth	Casing Depth W (m)	ater Depth	l	
		(1)	11)	(111)	ODS	cı vallüll (I	30/01/2018 17:00	(m) ['] 12.00	(m) 10.50	(m) · 3.60		
							31/01/2018 08:00	12.00	10.50	5.00		
							1					

SSE Plc

Client:

INSPECTION PIT LOG



Pit No **BH1002**

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road, Reading

Project No: C5925

Co-ords: E 471596 N 174164 Level: 38.30mAOD

0.50m

Date 29/01/2018

Vastern Road, Reading, RG1 8BU Location:

Dimensions:

Scale 0.50m

Depth 0.80m

1:12.5 Logged By

Ollerit. 33E File						MM		
(m) Wa	er Sam	ples & In Situ T	Result	Description		Depth (m)	Level (mAD)	Legend
-	B ES	0.10 - 0.15 0.15	Nesuit	MADE GROUND: Grey ASPHALT. MADE GROUND: Dark grey sandy slightly silty siliceous material and brick. MADE GROUND: Grey CONCRETE.	angular fine to coarse	(0.10) 0.10 0.15	38.20 38.15	
						(0.65)		
1 —				Inspection pit completed at 0.80m		0.80	37.50	
-								-
-								_
-								-

EQUIPMENT: Hand tools. Hydraulic breaker.

METHOD: Hard standing broken out using hydraulic breaker with a range of chisels and continued with hand dug inspection pit: 0.00-0.80m.

CASING: None used.

GROUNDWATER: None encountered.

BACKFILL: Borehole was backfilled with bentonite pellets and ground surface reinstated.

REMARKS: Unable to advance hole through concrete. Relocated as BH1002A. PID readings taken on all environmental samples. Results: 0.15m - 0.20ppm.

INSPECTION PIT LOG



0.50m

Pit No BH1002A

Sheet 1 of 1

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road, Reading

Road, Project No: **C5925**

Co-ords: E 471600 N 174161 Level: 38.28mAOD

0.50m

Date 30/01/2018

Location: Vastern Road, Reading, RG1 8BU

Dimensions:

Scale 1 : 12.5

Client: SSE Plc

Depth 0.80m

Lo

Logged By MM

	Water	Samn	les & In Situ T	oetina			Depth	Level	IVIIVI
(m)	Levels	No/Type	Depth (m)	Result	Description		(m)	(mAD)	Legend
-					MADE GROUND: Grey ASPHALT. MADE GROUND: Grey to brown sandy slightly si GRAVEL of siliceous material and brick with low asbestos containing material.	ilty angular fine to co	(0.10) 0.10	38.18	
-		ES	0.50				(0.70)		
-					0.80m: Concrete across base of pit. Inspection pit completed at 0.80m		 0.80	37.48	_
-			/						-
-									
-									

EQUIPMENT: Hand tools. Hydraulic breaker.

METHOD: Hard standing broken out using hydraulic breaker with a range of chisels and continued with hand dug inspection pit: 0.00-0.80m.

CASING: None used.

GROUNDWATER: None encountered.

BACKFILL: Borehole was backfilled with bentonite pellets and ground surface reinstated.

REMARKS: Unable to advance hole through concrete. Relocated as BH1002B. PID readings taken on all environmental samples. Results: 0.50m - 0.00ppm.

INSPECTION PIT LOG



Pit No **BH1002B**

Sheet 1 of 1

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road, Reading

Project No: C5925

Co-ords: E 471592 N 174149 Level: 38.37mAOD

0.50m

Date 30/01/2018

Location:

Vastern Road, Reading, RG1 8BU

Dimensions:

Scale 1:12.5

Client:

SSE Plc

Depth 0.45m

0.50m

Logged By MM

n) Wate		les & In Situ T	esting	Description			Level	Legend
n) Level	S No/Type	Depth (m)	Result			(m)	(mAD)	Legend
				MADE GROUND: Grey ASPHALT.		(0.10)		$ \times \times \times $
_				MARE ORGUNE D. H. J. MACONEY		0.10	38.27	
				MADE GROUND: Red brick MASONRY.				$ \times \times \times $
4								
						(0.25)		$ \!\!>\!\!>\!\!>$
4								$ \rangle\rangle\rangle\rangle\rangle$
				MADE GROUND: Grey CONCRETE.	/	0.35	38.02	XXX
4						(0.10)		
			-	0.450m: 1no. metal pipe approximately 50mm d light grey to brown sandy slightly silty angular fir	iameter, broken with surround of	0.45	37.92	
4				light grey to brown sandy slightly silty angular fir Inspection pit completed at 0.45m	ne grave/ of siliceoùs material.			
				inspection pit completed at 0.45m	\ \ \ \			
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			1					

EQUIPMENT: Hand tools. Hydraulic breaker.

METHOD: Hard standing broken out using hydraulic breaker with a range of chisels and continued with hand dug inspection pit: 0.00-0.45m.

CASING: None used.

GROUNDWATER: None encountered.

 ${\tt BACKFILL:}\ Borehole\ was\ backfilled\ with\ \ benton ite\ pellets\ and\ ground\ surface\ reinstated.$

REMARKS: Metal pipe in base of pit. Relocated as BH1002C.

BOREHOLE LOG



Borehole No. **BH1002C**

Sheet 1 of 4

Telephone: 01452 739165, Fax: 01452 739220, Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road, Project No: Reading

Co-ords: E 471591 N 174147 C5925

Hole Type CP

Vastern Road, Reading, RG1 8BU Location:

Level: 38.40mAOD

Scale 1:50.00 Logged By

Client: SSE Plc

Dates:

Start: 31/01/2018 MM End: 02/02/2018

					ı			Liid. 02/02/20	10		
	Water Levels		les & In Situ T		Sample	In	stall	Description	Depth (m)	Level (mAD)	Legend
· L	Leveis	No/Type	Depth (m)	Result		X ZZ	RZ.	MADE GROUND: Grey ASPHALT.	<u> </u>	` ′	XXXXX
		B ES	0.10 - 0.50 0.20					MADE GROUND: Grey ASFIALT. MADE GROUND: Brown tending to grey sandy slightly silty angular fine to coarse GRAVEL of siliceous material and red brick with medium cobble content. Cobbles are angular of brick.	0.10 0.30 0.50	38.30 38.10 37.90	
=		ES B	0.60 0.65 - 1.10					MADE GROUND: Red brick MASONRY. MADE GROUND: Light brown locally grey sandy slightly silty	0.65	37.75	
		ES D	1.00 1.20					angular fine to coarse GRAVEL of siliceous material and red brick. MADE GROUND: Dark greyish brown slightly gravelly sandy CLAY. Gravel is angular fine to coarse of siliceous material.	1.10	37.30	
= ;	<u>2</u>	ES SPT	1.50 1.50 - 1.65	S 6				concrete and red brick. Very soft dark grey slightly sandy CLAY with occasional partially decomposed organic material (<5mm). (ALLUVIUM)	(1.20)		
-								Soft to firm greenish grey slightly sandy CLAY. (ALLUVIUM)	2.30	36.10	
-		ES UT100	2.50 2.50 - 2.95					Sole to mini greenish grey shipping sandy OLAT. (AELOVIDIVI)			
	¹	D	3.00						(1.50)		
-	¥	SPT	3.50 - 3.95	S 31					3.80	34.60	
1	7	В	3.80 - 4.30					Dense grey sandy silty angular to sub-angular fine to coarse GRAVEL of siliceous material. (KEMPTON PARK GRAVEL)	3.00	04.00	0 x 0 0 x 0 0 x 0
		B SPT C	4.50 - 5.00 4.50 - 4.95	C 34					(1.30)		
1		B SPT C	5.50 - 6.00 5.50 - 5.95	C 27				Medium dense locally dense light brown sandy tending to very sandy slightly silty angular to sub-angular fine to coarse GRAVEL of siliceous material. (KEMPTON PARK GRAVEL)	5.10	33.30	
1											0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1		B SPT C	7.00 - 7.50 7.00 - 7.45	C 30							20 × 20 × 20 × 20 × 20 × 20 × 20 × 20 ×
									(5.00)		\$ 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

EQUIPMENT: Hand tools. Hydraulic breaker. Light cable percussion rig.

METHOD: Hard standing broken out using hydraulic breaker with a range of chisels and continued with hand dug inspection pit: 0.00-1.20m. Cable percussion drilled using 200mm diameter clay cutter and bailer 1.20-10.50m and 150mm diameter clay cutter and bailer 10.50-35.00m.

CASING: 250mm diameter to 1.70m, 200mm diameter to 10.50m, 150mm diameter to 24.90m.

GROUNDWATER: Encountered at 4.00m, and rose to 3.40m after 20 minutes; and at 8.00m and rose to 1.70m after 20 minutes.

INSTALLATION: Borehole was backfilled with bentonite pellets: 35.00-7.00m. 50mm ID HDPE slotted pipe with washed gravel response zone: 7.00-2.00m. 50mm ID HDPE plain pipe with bentonite pellet seal: 2.00-0.20m. Flush 150mm steel cover set in concrete: Flush cover set in concrete: 0.20-0.10m. Gas valve fitted. Surface reinstated with tarmacadam 0.10-0.00m.

REMARKS: Clean drilling techniques; bentonite seal from 1.50-2.00m. PID readings taken on all environmental samples. Results: 0.20m - 0.00ppm; 0.60m -1.50ppm; 1.00m - 0.00.ppm; 1.50m - 4.50ppm; 2.50m - 0.30ppm.

Groundwater:	a =			Hole Progress:				
Date 31/01/18 01/02/18	Strike Depth (m)	Casing Depth (m)	Depth After Observation (m)	Date	Hole Depth (m)	Casing Depth (m)	Water Depth (m)	
31/01/18	4.00	4.00	3.40	31/01/2018 17:00	7.00	6.90	3.20	
01/02/10	8.00	8.00	1.70	01/02/2018 08:00	7.00	6.90		

CC GROUND INVESTIGATIONS LTD Borehole No. **BOREHOLE LOG BH1002C** Sheet 2 of 4 Telephone: 01452 739165, Fax: 01452 739220, Email: info@ccground.co.uk Project Name: SSE Site, Vastern Road, Project No: Hole Type Co-ords: E 471591 N 174147 Reading CP C5925 Vastern Road, Reading, RG1 8BU Scale Location: Level: 38.40mAOD 1:50.00 Client: SSE Plc Logged By Start: 31/01/2018 Dates: MM End: 02/02/2018 Samples & In Situ Testing Depth Water Level Install Description (m) Sample Legend Levels (m) No/Type Depth (m) Result Medium dense locally dense light brown sandy tending to very sandy slightly silty angular to sub-angular fine to coarse GRAVEL of siliceous material. (KEMPTON PARK GRAVEL) x 2. x %0 = %0 %0 = %0 %0 = %0 (continued from previous sheet) 8.50 - 9.00 C 21 SPT C 8.50 - 8.95 D 80 . Ø. - ×0 10 В 10.00 - 10.50 C 8 28.30 10.10 CHALK recovered as light brown and off white slightly sandy silty angular to sub-angular fine to coarse GRAVEL with rare flints. Clasts are very weak low to medium dense. (Dc) (WHITE SPT C 10.00 - 10.45 CHALK SUBGROUP) 11 (1.90)U100 11.50 - 11.95 12 00 26 40 12 CHALK recovered as off white sandy silty angular to sub-angular fine to coarse GRAVEL with rare rinded flints. Clasts are weak high density. (WHITE CHALK SUBGROUP) D 12.00 13 SPT 13.00 - 13.45 S 8 14 D 14.00 14.50 - 14.95 U100 15 D 15.00 16 SPT 16.00 - 16.45 S 33 STD AGS 4 0.GDT 17 D 17.00 U100 17.50 - 17.95 Groundwater: **Hole Progress:** Casing Depth (m) Depth After Observation (m) Hole Depth Casing Depth (m) Water Depth Strike Depth Date Date

CC GROUND INVESTIGATIONS LTD Borehole No. BOREHOLE LOG **BH1002C** Sheet 3 of 4 Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk Project Name: SSE Site, Vastern Road, Project No: Hole Type Co-ords: E 471591 N 174147 Reading CP C5925 Vastern Road, Reading, RG1 8BU Location: Scale 38.40mAOD Level: 1:50.00 Client: SSE Plc Start: 31/01/2018 Logged By Dates: MM End: 02/02/2018 Samples & In Situ Testing Water Depth Level Sample Install Description Legend (m) (m) No/Type Depth (m) CHALK recovered as off white sandy silty angular to sub-angular fine to coarse GRAVEL with rare rinded flints. Clasts are weak high density. (WHITE CHALK SUBGROUP) (continued from previous sheet) 18 D 18.00 19 SPT 19.00 - 19.45 20 U100 20.50 - 20.95 21 D 21.00 22 SPT 22.00 - 22.45 S*55 23 (23.00)В 23.50 / 24.00 24 25 SPT 25.00 - 25.45 S*188 26 STD AGS 4 0.GDT SPT 26.50 - 26.95 S*81 27 Groundwater: **Hole Progress:** Strike Depth Date

P00

Casing Depth (m)

Depth After Observation (m)

Hole Depth (m) Casing Depth (m) Water Depth (m) Date 24.90 3.80 01/02/2018 17:00 25.00 02/02/2018 08:00 25.00 24.90 3.60

CC GROUND INVESTIGATIONS LTD Borehole No. **BOREHOLE LOG BH1002C** Sheet 4 of 4 Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk Project Name: SSE Site, Vastern Road, Project No: Hole Type Co-ords: E 471591 N 174147 Reading CP C5925 Vastern Road, Reading, RG1 8BU Location: Scale 38.40mAOD Level: 1:50.00 Client: SSE Plc Start: 31/01/2018 Logged By Dates: MM End: 02/02/2018 Samples & In Situ Testing Water Depth Level Sample Install Description Legend (m) (m) No/Type Depth (m) Result CHALK recovered as off white sandy silty angular to sub-angular fine to coarse GRAVEL with rare rinded flints Clasts are weak high density. (WHITE CHALK SUBGROUP) (continued from previous sheet) 28 SPT 28.00 - 28.45 S*176 29 SPT 29.50 - 29.95 S*107 30 31 SPT 31.00 - 31.45 S*103 32 SPT 32.50 - 32.95 S*120 33 34 SPT S*83 34.00 - 34.45 35 35.00 3.40 D 35.00 Borehole completed at 35.00m STD AGS 4 0.GDT 36 -36 -37 Groundwater: **Hole Progress:** Strike Depth (m) Casing Depth (m) Depth After Observation (m) Hole Depth (m) Casing Depth (m) Water Depth (m) Date 02/02/2018 17:00 35.00 34.90 3.60

INSPECTION PIT LOG



0.50m

Pit No **BH1003**

Sheet 1 of 1 Date

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road, Reading

SSE Plc

Client:

Project No: C5925

Co-ords: E 471556 N 174145 Level: 38.57mAOD

0.50m

01/02/2018

Vastern Road, Reading, RG1 8BU Location:

Dimensions:

Scale 1:12.5

Depth 0.80m

Logged By ММ

		Oncorder O to Oife Tradium						IVIIVI
(m)	Water Levels		les & In Situ T		Description	Depth (m)	Level (mAD)	Legend
	LCVCIS	No/Type	Depth (m)	Result	MADE GROUND: Grey ASPHALT.	(0.10)	(IIIAD)	
-		В	0.10 - 0.25		MADE GROUND: Brown to grey slightly gravelly slightly silty SAND. Gravel is angular fine to coarse of siliceous material and brick.	1 0 40	38.47	
		D ES	0.20		MADE GROUND: Red brick MASONRY.	0.25	38.32	
-						(0.20)		
					MADE GROUND: Brown to grey gravelly slightly silty SAND. Gravel is angula fine to coarse of siliceous material and brick.	(0.10)	38.12	
_					MADE GROUND: Grey CONCRETE.	0.55 (0.10) 0.65	38.02	
		В	0.65 - 0.80		MADE GROUND: Brown to grey gravelly slightly silty SAND. Gravel is angula fine to coarse of siliceous material and brick.	r (0.15)	07.02	
-		D ES	0.80		0.80m: Clay pipe in north face of inspection pit. Intact (approximately 100mm) Inspection pit completed at 0.80m	0.80	37.77	XXXX
1 -								-1

EQUIPMENT: Hand tools. Hydraulic breaker.

METHOD: Hard standing broken out using hydraulic breaker with a range of chisels and continued with hand dug inspection pit: 0.00-0.80m.

CASING: None used.

GROUNDWATER: None encountered.

BACKFILL: Borehole was backfilled with bentonite pellets and ground surface reinstated.

REMARKS: Borehole terminated due to clay pipe at 0.80m. Relocated as BH1003A. PID readings taken on all environmental samples. Results: 0.20m - 0.30ppm; 0.80m -0.20ppm.

INSPECTION PIT LOG



m

Pit No **BH1003A**

Sheet 1 of 1

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road,

Project No: Reading

C5925

Co-ords: E 471557 N 174145 Level: 38.56mAOD

Ε

Date 02/02/2018

Vastern Road, Reading, RG1 8BU Location:

Dimensions:

Scale 1:12.5

Client: SSE Plc Depth 1.50m

Logged By MM

m) N	Vater	Samp	les & In Situ T		Description	Depth (m)	Level (mAD)	Legend
. L6	eveis	No/Type	Depth (m)	Result	MADE GROUND: Grey ASPHALT.	(111)	(IIIAD)	
						(0.10)		
1					MADE GROUND: Brownish grey slightly gravelly slightly silty SAND. Gravel is	0.10	38.46	
					angular fine to coarse of siliceous material and brick.	(0.10)		$ \!\!>\!\!>\!\!>\!\!>$
1					MADE GROUND: Red brick MASONRY.	0.20	38.36	
-						(0.20)		
				_	MADE GROUND: Brownish grey gravelly slightly silty SAND. Gravel is angular fine to coarse of siliceous material and brick.	0.40	38.16	
						(0.30)		
-					MADE GROUND: Grey CONCRETE.	0.70	37.86	
1						(0.20)		$ \times \times \times $
						0.90	37.66	
		В	0.90 - 1.20		MADE GROUND: Loose brownish grey gravelly slightly silty (ashy) SAND with low cobble content. Grave\is angular fine to coarse of siliceous material and brick.	0.90	37.00	
4		D	1.00		Cobbles are angular of brick.			
-		ES	1.00					
						(0.00)		
1		SPT	1.20 - 1.65		1.20-1.50m: Concrete footing in north face of the pit.	(0.60)		
+								
-								
					Inspection pit completed at 1.50m	1.50	37.06	· · · · · · · · · · · · · · · · · · ·
+								
1								

EQUIPMENT: Hand tools. Hydraulic breaker. Light cable percussion rig.

METHOD: Hard standing broken out using hydraulic breaker with a range of chisels and continued with hand dug inspection pit: 0.00-1.15m. Cable percussion drilled using 200mm diameter clay cutter and bailer 1.20-1.50m

CASING: None used.

GROUNDWATER: Groundwater seepage encountered at 0.50m. No rise is record.

BACKFILL: Borehole was backfilled with bentonite pellets and ground surface reinstated.

REMARKS: Unable to advance hole through concrete. Relocated as BH1003B. PID readings taken on all environmental samples. Results: 1.00m - 0.30ppm.

INSPECTION PIT LOG



Pit No BH1003B

Sheet 1 of 1

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road, Reading

SSE Plc

Client:

Project No: **C5925**

Co-ords: E 471544 N 174148 Level: 38.71mAOD Date 02/02/2018

Scale

Location: Vastern Road, Reading, RG1 8BU

Dimensions:

0.50m

Depth 0.70m

0.60m

1 : 12.5 Logged By

Olicini. OGE 1 10						Ö			TH
(m) V	Vater	Samp	les & In Situ T		Description		Depth (m)	Level (mAD)	Legend
-	0.0.0	C C	Depth (m) 0.05 - 0.70	Result	MADE GROUND: Black ASPHALT. MADE GROUND: Dark grey CONCRETE.		0.08	38.63	
-						\wedge	(0.32)		
_					MADE GROUND: Light grey CONCRETE.		0.40	38.31	
-							(0.30)		
					Inspection pit completed at 0.70m		0.70	38.01	
-									
_									

EQUIPMENT: Hand tools. Hydraulic breaker. Terrier 2002 track mounted rig.

METHOD: Hard standing broken out using hydraulic breaker with a range of chisels: 0.00-0.05m. Borehole advanced using 300mm diameter coring barrel:

0.05-0.70m.

CASING: None used.

GROUNDWATER: None encountered.

BACKFILL: Borehole was backfilled with arisings and ground surface reinstated.

REMARKS: Unable to advance hole through concrete. Relocated as BH1003C.

INSPECTION PIT LOG



0.50m

Pit No **BH1003C**

Sheet 1 of 1

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road,

Project No: Reading C5925 Co-ords: E 471544 N 174137 Level: 38.76mAOD

0.50m

Date 05/02/2018

Vastern Road, Reading, RG1 8BU Location:

Dimensions:

Scale 1:12.5

Client: SSE Plc

Depth 0.50m

Logged By TH/MM

								-	
(m)	Water Levels	Samp	les & In Situ T	esting Result	Description		Depth (m)	Level (mAD)	Legend
		No/Type C	Depth (m) 0.00 - 0.20	Result	MADE GROUND: Dark grey ASPHALT.		(0.10)		
-		В	0.10		MADE GROUND: Brown very sandy slightly clar coarse GRAVEL mixed lithologies including con siliceous material.	yey angular to sub-rounded fine to norete, red brick, chalk and	0.10	38.66	
-	-	D ES	0.20		siliceous material.				
-	-	В	0.30 - 0.45				(0.40)		
-		D ES	0.45		0.40-0.47m: Clayey.		0.50	38.26	
1 -		23			Inspection pit completed at 0.50m		0.50	30.20	- - - -
-									-
- - - - -	-								-

EQUIPMENT: Hand tools. Hydraulic breaker. Terrier 2002 track mounted rig.

METHOD: Hard standing broken out using hydraulic breaker with a range of chisels: 0.00-0.05m. Borehole advanced using 300mm diameter coring barrel utilizing water flush: 0.05-0.20m.

Hand dug inspection pit: 0.20-050m.

CASING: None used.

GROUNDWATER: None encountered.

BACKFILL: None used.

REMARKS: Unable to advance hole through concrete at 0.50. Relocated as BH1003D. Inspection pit covered and fenced off to be continued using rotary drilling techniques: See BH2004. PID readings taken on all environmental samples. Results: 0.20m -0.20ppm; 0.45m -0.40ppm.

INSPECTION PIT LOG



0.60m

Pit No **BH1003D**

Sheet 1 of 1

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk Project No:

Project Name: SSE Site, Vastern Road, Reading

C5925

Co-ords: E 471535 N 174144 Level: 38.72mAOD

Date 05/02/2018

Location: Vastern Road, Reading, RG1 8BU Dimensions:

Scale 1:12.5

SSE Plc Client:

Depth 0.05m

0.50m

Logged By TΗ

								ΙП	
(m) Wate	Samp	les & In Situ T Depth (m)	esting Result	Description		Depth (m)	Level (mAD)	Legend	
-	No/Type	Dерит (m)	Result	MADE GROUND: Dark grey ASPHALT. 0.05m: Concrete across base of inspection pit. Inspection pit completed at 0.05m	J	- 0.05	38.67		-
-									_
-									

EQUIPMENT: Hydraulic breaker.

METHOD: Hard standing broken out using hydraulic breaker with a range of chisels: 0.00-0.05m.

CASING: None used.

GROUNDWATER: None encountered. BACKFILL: Ground surface reinstated.

REMARKS: Unable to advance hole through concrete. Relocated as BH1003E.

BOREHOLE LOG

Borehole No.

BH1003E Sheet 1 of 4

Telephone: 01452 739165, Fax: 01452 739220, Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road, Project No: Reading

C5925

Co-ords: E 471544 N 174164

Hole Type CP

Vastern Road, Reading, RG1 8BU Location:

Level: 38.71mAOD

Scale 1:50.00

SSE Plc Client:

Dates:

Start: 05/02/2018 End: 08/02/2018

Logged By TΗ

								End: 08/02/20)18		ΙП
(m)	Water		les & In Situ T	esting	Sample	Install	Des	scription	Depth	Level	Legend
(111)	Levels	No/Type	Depth (m)	Result	Campic	ilistali		·	(m)	(mAD)	Legend
		B ES B ES B ES SPT D ES	0.30 - 0.40 0.30 0.60 - 0.70 0.60 1.00 - 1.10 1.30 - 1.40 1.30 - 1.95	S 2			igneous material. MADE GROUND: Reddish brosub-angular fine to coarse GR siliceous material. 0.40-0.50m: 2no. clay pipes. E Orientation approximately Eas MADE GROUND: Light brown sub-rounded fine to coarse Gl including chalk, red brick, and MADE GROUND: Off white ar angular to sub-rounded COBE angular to sub-angular fine to siliceous material.	angular fine to coarse GRAVEL of own very sandy silty angular to AVEL of red brick, concrete and Broken and infilled with sediment. It to West. I very sandy clayey angular to RAVEL of mixed lithologies siliceous material. I d light brown sandy very clayey BLES of chalk with some very silty coarse gravel of chalk and	0.08 0.15 (0.40) 0.55 0.90 1.20 (0.70)	38.63 38.56 38.16 37.81 37.51	X. X
		UT100	2.50 - 2.95				siliceous material locally tendi with rare bone and clay pot fra 1.50-1.90m: Very loose. Very soft bluish grey mottled c shell fragments (<5mm), rare peat and a moderate organic	RAVEL of red brick, chalk and ng to slightly sandy gravelly clay agments (<100mm). greenish grey silty CLAY with rare pockets (<30mm) of dark grey odour. (ALLUVIUM)	(0.80) 2.70 (0.60) 3.30	36.01 35.41	X X X X X X X X X X X X X X X X X X X
		B SPT C	3.50 - 4.00 3.50 - 3.95 4.00	C 7			Very soft greyish brown slight angular to sub-rounded fine to (ALLUVIUM) 3.00-3.30m. Tending to sandy Loose greyish brown very san sub-rounded, fine to coarse G (KEMPTON PARK GRAVEL)	very clayey gravel. dy.slightly silty angular to	(1.20)		
		B SPT C	4.50 - 5.00 4.50 - 4.95 5.00	C 30			Dense grey very sandy silty ar sub-rounded fine to coarse GI (KEMPTON PARK GRAVEL)		4.50	34.21	
		B SPT C	5.50 - 6.00 5.50 - 5.95 6.00	C 30					(4.00)		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
		B D SPT C	7.00 - 7.45 7.00 7.00 - 7.45	C 32				o very gravelly silty SAND with low sub-rounded siliceous material.			* 0

EQUIPMENT: Hand tools. Hydraulic breaker. Light cable percussion rig.

METHOD: Hard standing broken out using hydraulic breaker with a range of chisels and continued with hand dug inspection pit: 0.00-1.50m. Cable percussion drilled using 200mm diameter clay cutter and bailer 1.50-10.50m and 150mm diameter clay cutter and bailer 10.50-35.00m..

CASING: 250mm diameter to 1.70m, 200mm diameter to 12.80m, 150mm diameter to 26.50m.

GROUNDWATER: Encountered at 4.00m, and rose to 3.40m after 20 minutes; and at 8.00m and rose to 1.70m after 20 minutes.

INSTALLATION: Borehole was backfilled with bentonite pellets: 35.00-6.00m. 50mm ID HDPE slotted pipe with washed gravel response zone: 6.00-1.00m. 50mm ID HDPE plain pipe with bentonite pellet seal: 1.00-0.40m. Flush 150mm steel cover set in concrete: 0.40-0.10m. Gas valve fitted. Surface reinstated with tarmacadam 0.10-0.00m.

REMARKS: Clean drilling techniques: bentonite seal from 1.50-2.40m. PID readings taken on all environmental samples. Results: 0.30m - 1.10ppm: 0.60m - 1.60ppm:

REMARKS: Clean drilling techniques; bentonite seal from 1.50-2.40m. PID readings taken on all environmental samples. Results: 0.30m - 1.10ppm; 0.60m -1.60ppm; 1.00m - 1.10.ppm; 1.30m - 0.30ppm; 2.00m - 0.00ppm.

Groundwater: Date	Strike Depth (m)	Casing Depth (m)	Depth After Observation (m)	Hole Progress: Date	Hole Depth (m)	Casing Depth (m)	Water Depth (m)	
				05/02/2018 17:00 06/02/2018 08:00 08/02/2018 08:00	1.50 1.50			

CC GROUND INVESTIGATIONS LTD Borehole No. BOREHOLE LOG **BH1003E** Sheet 2 of 4 Telephone: 01452 739165, Fax: 01452 739220, Email: info@ccground.co.uk Project Name: SSE Site, Vastern Road, Project No: Hole Type Co-ords: E 471544 N 174164 Reading CP C5925 Vastern Road, Reading, RG1 8BU Scale Location: Level: 38.71mAOD 1:50.00 Client: SSE Plc Logged By Start: 05/02/2018 Dates: TΗ End: 08/02/2018 Samples & In Situ Testing Depth Water Level Install Description (m) Sample Legend Levels (m) No/Type Depth (m) Result Dense grey very sandy silty angular to sub-angular to 0.x0 0 sub-rounded fine to coarse GRAVEL of siliceous material. × 2 × (KEMPTON PARK GRAVEL) (continued from previous sheet) 8.00-8.10m: Light brown slight sandy gravelly silty CLAY. Gravel is angular to sub-rounded fine to coarse chalk. 0x0 0x 8.50 30.21 8.50 - 8.95 C 22 SPT C \$ x 1 Medium dense light brown very sandy silty angular to rounded fine to coarse GRAVEL of siliceous material and chalk. D 9.00 (KEMPTON PARK GRAVEL) (2.60). Ø. 0x0 0 10 D 10.00 C 30 × 5 × 5 SPT C 10.00 - 10.45 () ~ ()) ~ ()) ~ ()) ~ ()) ~ ()) ~ () 11 D 11 00 11.10 27.61 Soft light brown locally light greyish brown slightly sandy gravelly silty CLAY. Gravel is angular to rounded fine to coarse siliceous material and chalk. (KEMPTON PARK GRAVEL) (0.75)SPT 11.50 - 11.95 S 9 11.85 26 86 Medium dense slightly sandy very silty angular to sub-rounded fine to coarse GRAVEL of siliceous material and chalk. (KEMPTON PARK GRAVEL) 12 D 12.00 Q. X (0.65)12.50 26.21 В 12.50 - 12.80 CHALK recovered as off white slightly sandy very silty sub-angular to sub-rounded fine to coarse Gravel with rare rinded flints. Clasts are very weak medium and high density. (WHITE CHALK SUBGROUP) 13 В 13.00 - 13.41 D 13.00 14 14.00 D 14.50 - 14.95 S 17 SPT 15 D 15.00 16 16.00 D U100 16.00 - 16.45

17.50-17.95m: Occasional flints.

SGI GII	=	SPT	17.50
GPJ CC	Groundwater:	Strike	Depth
	Date	(r	n)

D

17.00

- 17.95

S 19

Casing Depth (m)

Depth After	
Observation (m)	

Date	Hole Depth (m)	Casing Depth (m)	Water Depth (m)
06/02/2018 17:00	11.50	11.50	3.50
07/02/2018 08:00	11.50	11.50	3.00

CC GROUND INVESTIGATIONS LTD Borehole No. BOREHOLE LOG **BH1003E** Sheet 3 of 4 Telephone: 01452 739165, Fax: 01452 739220, Email: info@ccground.co.uk Project Name: SSE Site, Vastern Road, Project No: Hole Type Co-ords: E 471544 N 174164 Reading CP C5925 Vastern Road, Reading, RG1 8BU Location: Scale Level: 38.71mAOD 1:50.00 Client: SSE Plc Start: 05/02/2018 Logged By Dates: TΗ End: 08/02/2018 Samples & In Situ Testing Water Depth Level Sample Install Description Legend (m) Levels (m) Depth (m) No/Type CHALK recovered as off white slightly sandy very silty sub-angular to sub-rounded fine to coarse Gravel with rare 18 rinded flints. Clasts are very weak medium and high density. (WHITE CHALK SUBGROUP) (continued from previous sheet) D 18.00 (11.50) 19 19.00 U100 19.00 - 19.45 20 D 20.00 20.00-20.45m: Locally speckled black. SPT 20.50 - 20.95 S 28 21 D 21.00 22 В 22.00 - 22.45 D 22.00 U100 22.00 - 22.45 23 D 23.00 SPT 23.50 / 23.95 S*167 24 24.00 14.71 D 24.00 CHALK recovered as off white slightly sandy very silty sub-angular to sub-rounded fine to coarse GRAVEL with rare rinded flints. Clasts are weak high density. (WHITE CHALK SUBGROUP) 25 25.00 S*88 D 25.00 - 25.45 26 D 26 00 AGS 4 0.GDT

Groundwater: Date

27

Strike Depth

26.50 - 26.95

27.00

SPT

D

Casing Depth (m) Depth After Observation (m)

S*185

Hole Progress:

07/02/2018 17:00

Hole Depth 26.50

Casing Depth (m) 26.50

Water Depth (m) 5.90

CC GROUND INVESTIGATIONS LTD Borehole No. **BOREHOLE LOG BH1003E** Sheet 4 of 4 Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk Project Name: SSE Site, Vastern Road, Project No: Hole Type Co-ords: E 471544 N 174164 Reading CP C5925 Vastern Road, Reading, RG1 8BU Location: Scale 38.71mAOD Level: 1:50.00 Logged By Client: SSE Plc Start: 05/02/2018 Dates: TΗ End: 08/02/2018 Samples & In Situ Testing Water Depth Level Sample Install Description Legend (m) Levels (m) No/Type Depth (m) Result CHALK recovered as off white slightly sandy very silty sub-angular to sub-rounded fine to coarse GRAVEL with rare rinded flints. Clasts are weak high density. (WHITE CHALK SUBGROUP) (continued from previous sheet) 28 D 28.00 S*130 SPT 28.00 - 28.45 29 D 29.00 (11.00) SPT 29.50 - 29.95 S*200 30 D 30.00 31 D SPT 31.00 S*115 31.00-34.00m: Occasional rinded flints 31.00 - 31.45 32 D 32.00 SPT 32.50 - 32.95 S*88 33 D 33.00 34 S*97 D 34.00 SPT 34.00 - 34.45 35 35.00 3.71 D 35.00 Borehole completed at 35.00m STD AGS 4 0.GDT 36 -36 37 -37 Groundwater: **Hole Progress:** Casing Depth (m) Depth After Observation (m) Hole Depth (m) Casing Depth (m) Strike Depth Water Depth Date Date

BOREHOLE LOG



Borehole No.

BH1004

Sheet 1 of 4 Hole Type

Telephone: 01452 739165, Fax: 01452 739220, Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road, Project No: Reading

C5925

Co-ords: E 471494 N 174112

CP Scale

Vastern Road, Reading, RG1 8BU Location:

Level:

38.31mAOD

1:50.00

Client: SSE Plc Logged By Start: 05/02/2018 Dates: MM/TH End: 08/02/2018

									End: 08/02/20	110			
(m)	Water Levels		les & In Situ To Depth (m)	esting Result	Sample	Ins	tall	De	escription	Depth (m)	Level (mAD)	Legend	
-		NO/Type	Deptil (III)	Result		%	K	Black ASPHALT.	mottled black gravelly silty SAND.	0.10	38.21		
-		ES	0.30					Gravel is sub-angular, fine to clinker.	coarse siliceous material and	0.40	37.91		- F
- - -		ES	0.60					MADE GROUND: Brown and with low cobble content and o	greyish brown gravelly silty SAND occasional fragments of wood and	(0.80)			<u> </u>
1 -		ES	1.00				∄∷	ceramics. Gravel is angular fi concrete. Cobbles are angula	ne to coarse of red brick and Ir of red brick.				–1 ⊦
-		ES B	1.20 1.30 - 1.70					MADE GROUND: Soft black of fine to medium red brick.	gravelly CLAY Gravel is angular,	(0.50)	37.11		_ - -
=		SPT ES	1.50 - 1.95 1.70	S 1		ŀĒ	∄	Vany aaft bluich grov and brov	wnish grey silty CLAY with frequent	1.70	36.61		Ē
2 -			1.70]	pockets (<30mm) of partially	decomposed organic material and			<u>^_x</u> 3	-
2 -		B ES	2.00 - 2.40 2.00				\blacksquare	a moderate organic odour. (A	LLOVIUM)	(0.70)		× × ×	<u>-</u> 2 -
=			2.50 2.00	0.04			∄∄	Medium dense light brøwn ve	ry sandy silty angular to rounded	2.40	35.91	× ×	Ē
-		B SPT C	2.50 - 3.00 2.50 - 2.95	C 24			∄	fine to coarse GRAVÉL of sili GRAVEL)	ceous material. (KEMPTON PARK			8 . X . X	- -
3 —]	2.40-8.10m: Partial loss of fin	es.			×0 =×0	_ a
- -						E	∄					× () × ()	Ē
=							∄					8 X 8 Z	Ē
=		B SPT C	3.50 - 4.00 3.50 - 3.95	C 21		ΙE]					X OXO	F
=		SPIC	3.50 - 3.95				∄					Ø Ø Ø Ø	_
_						LE	∄					*0 x 0 x	- 4
=												80 580	- F
-		В	4.50 - 5.00	C 22	/	/ E	\downarrow					2 X 2	_
=		SPT C	4.50 - 4.95				∄)					× 0 × 0	Ē
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-]			(5.70)		% Ø. % 8 : 8 ×	F
=					\	ΚĒ	$\exists \subseteq$	~		(511.5)		.0×00	Ē
-		B SPT C	5.50 - 6.00 5.50 - 5.95	C 29			₫ :[80.580	Ē
=				ľ		ΛĒ	$\exists \setminus$					1 2 2 8 3	F.
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-]					805.80	Ē
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7 -		В	7.00 - 7.50	C 25		E	=-					×0 =×0	- -7
-		SPT C	7.00 - 7.45									12522	Ē
-												×0,×0,	Ē
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8 —		. '								•	•		 8

EQUIPMENT: Hand tools. Hydraulic breaker. Light cable percussion rig.

METHOD: Hard standing broken out using hydraulic breaker with a range of chisels and continued with hand dug inspection pit: 0.00-1.20m. Cable percussion drilled using 250mm diameter clay cutter and bailer 1.20-2.00m and 200mm diameter clay cutter and bailer 1.20-9.00m, and 150mm diameter clay cutter and bailer 9.00-35.00m.

CASING: 250mm diameter to 2.00m, 200mm diameter to 9.00m, 150mm diameter to 35.00m.

CASING: 250mm diameter to 2.00m, 200mm diameter to 9.00m, 150mm diameter to 35.00m.

GROUNDWATER: None recorded, however was added to assist drilling.

INSTALLATION: Borehole was backfilled with bentonite pellets: 35.00-7.00m. 50mm ID HDPE slotted pipe with washed gravel response zone: 7.00-1.00m. 50mm ID HDPE plain pipe with bentonite pellet seal: 1.00-0.40m. Flush 150mm steel cover set in concrete: 0.40-0.10m. Gas valve fitted. Surface reinstated with tarmacadam 0.10-0.00m.

REMARKS: Clean drilling techniques; bentonite seal from 1.50-2.40m. PID readings taken on all environmental samples. Results: 0.30m - 0.30ppm; 0.60m -0.20ppm; 1.00m - 0.40ppm; 1.20m - 2.30ppm; 1.70m - 0.20ppm; 2.00m - 1.00ppm.

05/02/2018 17:00	Date	Strike Depth (m)	Casing Depth (m)	Depth After Observation (m)	Hole Progress: Date	Hole Depth (m)	Casing Depth (m)	Water Depth (m)
06/02/2018 08:00 2:50 2:00					05/02/2018 17:00 06/02/2018 08:00	2.50 2.50	2.00 2.00	

CC GROUND INVESTIGATIONS LTD Borehole No. BOREHOLE LOG **BH1004** Sheet 2 of 4 Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk Project Name: SSE Site, Vastern Road, Project No: Hole Type Co-ords: E 471494 N 174112 Reading CP C5925 Vastern Road, Reading, RG1 8BU Location: Scale 38.31mAOD Level: 1:50.00 Client: SSE Plc Start: 05/02/2018 Logged By Dates: MM/TH End: 08/02/2018 Samples & In Situ Testing Water Depth Level Sample Install Description Legend (m) Levels (m) (mAD) Depth (m) Result No/Type 8.10 30.21 CHALK off white locally speckled black recovered as very silty 8.20 - 8.50 В sub-angular to sub-rounded fine to coarse GRAVEL with rare rinded flints. Clasts are very weak and weak medium density. (Dc) (WHITE CHALK SUBGROUP) 8.50 - 9.00 S 7 8.50 - 8.95 SPT 10 U100 10.00 - 10.45 D 10.50 11 SPT 11.50 - 11.95 S 8 12 D 12.50 13 U100 13.00 - 13.45 D 13.50 14 (12.40)SPT 14.50 - 14.95 S 19 15 D 15.50 16 U100 16.00 - 16.45 GINT STD AGS 4 0.GDT D 16.50 17 SPT 17.50 - 17.95 S 34 Groundwater: **Hole Progress:** Strike Depth Casing Depth (m) Depth After Observation (m) Hole Depth (m) Casing Depth (m) Water Depth Date Date P00

CC GROUND INVESTIGATIONS LTD BOREHOLE LOG



Borehole No.

BH1004

Sheet 3 of 4

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk Project Name: SSE Site, Vastern Road, Project No: Hole Type Co-ords: E 471494 N 174112 Reading CP C5925

Vastern Road, Reading, RG1 8BU Location: Scale 38.31mAOD Level: 1:50.00

Client: SSE Plc Start: 05/02/2018 Logged By Dates:

(m)	Water		les & In Situ Te	esting	Sample	Install	Do	cription		Depth	Level	Legend
(111)	Levels	No/Type	Depth (m)	Result	Sample	ııısıdli			overed as very -34.	(m)	(mAD)	Legena
	-						CHALK off white locally speck sub-angular to sub-rounded file	ne to coarse	GRAVEL with rare			
18 —]						rinded flints. Clasts are very w (Dc) (WHITE CHALK SUBGR	eak and wea	k medium densitv.			_"
]						sheet)	JUF) (CONTIN	ueu mom previous			
	1	D	18.50									
	1											
19 —	1	_	40.00 40.50									
	1	В	19.00 - 19.50									
	7											
	}											-
	}						/					
20 –	1											
	1							\wedge				
-	‡	SPT	20.50 - 20.95	C*150			CHALK recovered as off white	yon, oith, ou	a angular ta	20.50	17.81	
-	-	351	20.50 - 20.95	0 100			CHALK recovered as off white sub-rounded fine to coarse Of	RAVEĹ with r	are rinded flints.			
21 —	-						Clasts are weak medium and SUBGROUP)	nigh density.	(Dc) (WHITE CHALK			
- 1 -	1	D	21.00				CODGROUP)					
	1							$\langle \ \rangle$				
	1							$\overline{}$				
	1							/				
22 –	3	SPT	22.00 - 22.45	S*75								
	1				/							
	1						\ \ \					
	1				K <	7						
	1)						
23 –]	D	23.00		\		~					
	1											
	1	SPT	23.50 - 23.95	S*97	\ \ \							
:	1						<u> </u>					
24 –]											
	}											
	1		04.50		Y /							
	1	D	24.50									
٠.	1											
25 —]	SPT	25.00 - 25.45	S*94								
	1											
:	1											
	-											
26 –	-	D	26.00									
]		20.00			· ·						
	1	OPT	00.50 00.55	0+40=								
	1	SPT	26.50 - 26.95	S*107								
	1											
27 —	3											
	}											
Grour	- ndwater:						Hole Progress:					
D	ate	Strike (n	Depth Cas n)	ing Dept (m)	h De Obse	epth After ervation (r	m) Date I	lole Depth (m)	Casing Depth Wa	iter Depth (m)		
		(•	. ,		- (-	06/02/2018 17:00	20.50	20.40	4.80		
							07/02/2018 08:00	20.50	20.40			

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CC GROUND INVESTIGATIONS LTD Borehole No. **BOREHOLE LOG BH1004** Sheet 4 of 4 Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk Project Name: SSE Site, Vastern Road, Project No: Hole Type Co-ords: E 471494 N 174112 Reading CP C5925 Vastern Road, Reading, RG1 8BU Location: Scale 38.31mAOD Level: 1:50.00 Client: SSE Plc Start: 05/02/2018 Logged By Dates: MM/TH End: 08/02/2018 Samples & In Situ Testing Water Depth Level ample Install Description Legend (m) Levels (m) No/Type Depth (m) Result CHALK recovered as off white very silty sub-angular to sub-rounded fine to coarse GRAVEL with rare rinded flints Clasts are weak medium and high density. (Dc) (WHITE CHALK SUBGROUP) (continued from previous sheet) (14.50) 28 D 28.00 S*136 SPT 28.00 - 28.45 29 D 29.00 SPT 29.50 - 29.95 S*150 30 D 30 50 31 SPT 31.00 - 31.45 S*120 31.00-35.00m: Occasional rinded flints. 32.5m: Rinded ffint cobbles. 32 D 32.00 SPT 32.50 - 32.95 S** 33 33.50 - 34.00 В 34 SPT S*103 34.00 - 34.45 35 35.00 3.31 D 35.00 Borehole completed at 35.00m STD AGS 4 0.GDT 36 -36 -37 Groundwater: **Hole Progress:** Strike Depth Casing Depth (m) Depth After Observation (m) Hole Depth (m) Casing Depth (m) Water Depth Date Date 28.00 07/02/2018 17:00 28.00 3.10 08/02/2018 08:00 28.00 28.00 08/02/2018 17:00 35.00 35.00 3.10

BOREHOLE LOG



Borehole No.

BH1005

Sheet 1 of 2

Telephone: 01452 739165, Fax: 01452 739220, Email: info@ccground.co.uk Project No:

Project Name: SSE Site, Vastern Road, Reading

C5925

Co-ords: E 471538 N 174120

Hole Type CP

Vastern Road, Reading, RG1 8BU Location:

Level:

38.69mAOD

Scale 1:50.00

Client: SSE Plc

Dates:

Start: 31/01/2018 End: 01/02/2018

Logged By ММ

									End:	01/02/20	18		IVIIVI
(m)	Water	Samp	les & In Situ T	esting	Sample	Insta		Do	escription		Depth	Level	Logond
(m)	Levels	No/Type	Depth (m)	Result	Sample	insta	II		•		(m)	(mAD)	Legend
1 -		B ES B ES B ES SPT	0.20 - 0.40 0.30 0.60 - 0.90 0.70 0.90 - 1.20 1.00 1.20 - 1.65	S 1			\$\langle \langle \lang	MADE GROUND: Grey ASPH MADE GROUND: Dark grey s GRAVEL of siliceous materia MADE GROUND: Reddish br (ashy) angular fine to coarse brick with medium cobble cor MADE GROUND: Grey sandy GRAVEL of siliceous materia cobble content. Cobbles are a	slightly silty angular fine I and brick. rown and grey sandy sli GRAVEL of siliceous m ttent. Cobbles are angu y slightly silty angular fir I, sandstone and brick v	ghtly silty naterial and lar of brick.	0.10 0.20 (0.40) 0.60	38.59 38.49 38.09 37.79	1
2 -		D	2.00	31				MADE GROUND: Very soft disandy CLAY. Gravel is angula material, concrete and brick. Very soft greenish grey slight!	ark greyish brown sligh ar fine to coarse of silico	eous	(1.00)	36.79	× × 2
		ES UT100 D	2.00 - 2.45								(0.90)		
3 -		D B SPT C	2.80 3.00 - 3.50 3.00 - 3.45	S 11				Very soft grey mottled brown Gravel is sub-angular fine to 1 (ALLUVIUM) Medium dense light brown to angular to sub-rounded GRAI (KEMPTON PARK GRAVEL)	medium of siliceous ma grey very sandy slightly VEL of siliceous materia	terial.	2.80	35.89 35.69	× × × 3
4 -		B SPT C	4.00 - 4.50 4.00 - 4.45	S 25									0 0 0 1 4 0 0 0 0 1 4 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
5 -		B SPT C	5.00 - 5.50 5.00 - 5.45	\$ 30									20 20 5 20 20 5 20 20 20 20 20 20 20 20 20 20 20 20 20 2
7 -		B SPT C	6.50 - 7.00 6.50 - 6.95	S 33				6.50-6.95m: Very dense.			(6.70)		8

EQUIPMENT: Hand tools. Hydraulic breaker. Light cable percussion rig.

METHOD: Hard standing broken out using hydraulic breaker with a range of chisels and continued with hand dug inspection pit: 0.00-1.20m. Cable percussion drilled using 250mm diameter clay cutter and bailer 1.20-2.00m and 200mm diameter clay cutter and bailer 1.20-9.00m, and 150mm diameter clay cutter and bailer 9.00-35.00m.

CASING: 250mm diameter to 2.00m, 200mm diameter to 9.00m, 150mm diameter to 35.00m.

CASING: 250mm diameter to 2.00m, 200mm diameter to 9.00m, 150mm diameter to 35.00m.

GROUNDWATER: None recorded, however was added to assist drilling.

INSTALLATION: Borehole was backfilled with bentonite pellets: 12.00-7.00m. 50mm ID HDPE slotted pipe with washed gravel response zone: 7.00-2.80m. 50mm ID HDPE plain pipe with bentonite pellet seal: 2.80-0.20m. Flush 150mm steel cover set in concrete: 0.20-0.10m. Gas valve fitted. Surface reinstated with tarmacadam 0.10-0.00m.

REMARKS: Clean drilling techniques; bentonite seal from 1.50-2.00m. PID readings taken on all environmental samples. Results: 0.30m - 0.00ppm; 0.70m -0.20ppm; 1.00m - 0.50ppm; 2.00m - 0.20ppm.

Groundwater: Date	Strike Depth	Casing Depth	Depth After Observation (m)	Hole Progress:	Hole Depth	Casing Depth	Water Depth
	(m)	(m)	Observation (III)	31/01/2018 17:00	(m) 5.50	(m) 4.00	(m)
				01/02/2018 08:00	5.50	6.10	

	Re	SE Site, Vas				Project No: C5925	Co-ords	: E 471538 N 1	74120		ole Typ CP
cation:		stern Road	I, Read	ding, F	₹G1 8B	iU 	Level:	38.69mAOD		1	Scale : 50.0
ent:		SE Plc			•		Dates:	Start: 31/01/20 End: 01/02/20	018	Lo	gged E MM
Water Levels	No/Type	Depth (m) 8.00 - 8.45	Result	Sample	e Install		Description		Depth (m)	Level (mAD)	Legend
	B SPT C	9.50 - 9.95 9.70	\$ 20 \$ 7			Medium dense light brown is angular to sub-rounded GR (KEMPTON PARK GRAVE 8.50-9.70m: Very sandy. CHALK recovered as off wis sub-angular to sub-rounded rinded flints. Clasts are very (Dc) (WHITE CHALK SUBC	AVEL of siliceo L) (continued fro	ous material. om previous sheet) kled black very silty GRAVEL with rare	9.70	28.99	
1	B U100 SPT	11.00 - 11.45 11.50 - 11.95							(2.30)		
T						Borehole completed at 12.0	10m /		12.00	26.69	

Location:

ROTARY BOREHOLE LOG



Borehole No.

BH2001 Sheet 1 of 1

Hole Type

DS+RC

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road, Project No: Co-ords: E 471586 N 174141 Reading C5925

Vastern Road, Reading, RG1 8BU Scale Level: 38.42mAOD 1:37.50

Client: SSE Plc Logged By Start: 13/02/2018 Dates: TH End: 13/02/2018

								End: 13/02/20	/02/2018		IH
(m)	Water Levels	Core Ru No/Type	n, Samples & Depth (m)	Testing Result	Core Run &	TCR SCR RQD	Install	Description	Depth (m)	Level (mAD)	Legend
- - - - - -		C	0.60 - 1.20 0.80			100% 33% 33%	\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	MADE GROUND: Dark grey ASPHALT. MADE GROUND: Light brown very sandy angular fine to coarse GRAVEL of siliceous material and brick. MADE GROUND: Dark grey sandy silty (ashy) GRAVEL with low cobble content. Cobbles are angular of red brick. MADE GROUND: CONCRETE. MADE GROUND: Dark grey very sandy very clayey	- 0.08 - 0.30 - 0.55 - 0.80	38.34 38.12 37.87 37.62	
1 -		D ES D ES	0.90 1.00 1.40 1.50		⊖			angular to sub-angular fine to coarse GRAVEL of red brick, concrete and siliceous material. MADE GROUND: Very soft light greyish brown locally mottled orangish brown slightly gravelly slightly sandy CLAY. Gravel is sub-angular to sub-rounded fine to coarse of red brick and siliceous material. Very soft dark bluish green locally mottled light grey	- 0.90 (0.40) - 1.30	37.52 37.12	-1
2 -		D	2.00					CLÁY with rare partially decomposed organic material (<5mm) and occasional comminuted shell fragments (<3mm). (ALLÚVIUM)	(1.10)	36.02	
3 -		D	3.00					Very soft bluish green mottled brown slightly gravelly slightly sandy CLAY with rare partially decomposed organic material (5mm) and a moderate organic odour. Gravel is sub-rounded to rounded fine to coarse siliceous material. (ALLUVIUM)	(1.20)	34.82	3
4 —		В	4.00 - 5.00					Light brown very sandy slightly silty angular to sub-rounded fine to coarse GRAVEL of siliceous material. (KEMPTON PARK GRAVEL) 3.60-3.80m: Very clayey.	(1.40)		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
5 —								Borehole completed at 5.00m	5.00	33.42	8 7 8 5

EQUIPMENT: Hand digging tools. Comacchio Fraste Multi-drill ML track mounted rig. METHOD: Hand dug inspection pit: See WS1008. Waterflush rotary coring (150mm): 0.60-1.20m. Dynamic sampling using 128mm and 113mm sample barrels:

ME I HOU: Hand dug inspection pit. See ws 1000. Waterings 10taly coming (1.50mm), 5.00 m. CASING: 140mm diameter to 4.00m.

GROUNDWATER: None encountered prior to using water flush.

INSTALLATION: Bentonite seal 5.00-4.00m. 50mm ID HDPE slotted pipe with washed gravel response zone: 4.00-3.00m. Plain 50mm ID HDPE pipe with washed gravel response zone: 3.00-2.80m, bentonite pellet seal: 2.80-0.60m and gravel 0.60-0.40m. Flush cover set in concrete: 0.40-0.10m. Gas valve fitted. Surface reinstated with tarmacadam 0.10-0.00m.

REMARKS: Drilled at location of WS1008. PID readings taken on all environmental samples. Results: 0.80m - 3.60ppm; 1.00m - 4.70ppm; 1.50m - 4.80ppm.

2									
ARY LOG C5925.GP.	Groundwater: Date	Strike Depth (m)	Casing Depth (m)	Depth After Observation (m)	Hole Progress: Date 13/02/2018 10:30	Hole Depth (m) 5.00	Casing Depth (m) 4.00	Water Depth (m)	
CC ROT									

ROTARY BOREHOLE LOG



Borehole No.

BH2002 Sheet 1 of 1

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road, Project No: Hole Type Co-ords: E 471577 N 174143 Reading DS+RC C5925

Vastern Road, Reading, RG1 8BU Scale Location: Level: 38.37mAOD 1:37.50

Client: SSE Plc Logged By Start: 12/02/2018 Dates: TH End: 12/02/2018

									End: 12/02/20	/2018		IH
(m)	Water		un, Samples &		Core Run &	TCR SCR RQD	Insta	all	Description	Depth (m)	Level (mAD)	Legend
- - - - - - -		No/Type C	Depth (m) 0.25 - 1.20	Result	Sample	89% 13% 13%	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	\\ \frac{1}{1}	MADE GROUND: Dark grey ASPHALT. MADE GROUND: Grey and brown very sandy silty angular fine to coarse GRAVEL of siliceous material and red brick. MADE GROUND: CONCRETE. 0.37-1.00m: recovered as very sandy silty angular fine to coarse gravel of concrete.	0.10 0.25 (0.75)	38.27 38.12	
1 -		ES	1.00						MADE GROUND: Off white and dark grey slightly sandy very silty angular GRAVEL of chalk. 1.10m: 1no. bone fragment (<30mm).	1.00	37.37	1
- - - - 2 —		ES D	1.50 1.60						Very soft dark bluish green CLAY with rare partially decomposed organic material (<5mm) and occasional comminuted shell fragments (<3mm). (ALLUVIUM) 1.45-1.60m: Light brown. Occasional partially decomposed organic material (<5mm).	1.45	36.92	
-		ES D	2.20 2.30						Very soft bluish green mottled light grey slightly sandy silty calcareous CLAY with frequent lenses (<1mm) of light grey silt. (ALLUVIUM)	(0.80)	36.27	X . X . X . X . X . X . X . X . X . X .
3 -		D	3.00						Very soft dark bluish green slightly gravelly slightly sandy CLAY with rare partially decomposed organic material (45mm) and a slight organic odour. Gravel is sub-rounded fine to coarse siliceous material. (ALLUVIUM)	2.90	35.47	× × 1 × × 3 × × 3 3
4 —		В	4.00 - 5.00						Light brown very sandy slightly slightly silty angular to sub-rounded fine to coarse GRAVEL of siliceous material. (KEMPTON PARK GRAVEL) 3:60-3.80m: Very clayey.	(1.40)	34.77	80 x
5 —									Borehole completed at 5.00m	- 5.00	33.37	8 2 8 5

EQUIPMENT: Hand digging tools. Comacchio Fraste Multi-drill ML track mounted rig. METHOD: Hand dug inspection pit: See WS1009. Waterflush rotary coring (150mm): 0.25-1.20m. Dynamic sampling using 128mm and 113mm sample barrels:

ME I HOU: Hand dug inspection pit. See ws 1005. Waterings 10taly coning (1.501.01).

1.20-5.00.

CASING: 140mm diameter to 4.00m.

GROUNDWATER: None encountered prior to using water flush.
INSTALLATION: Bentonite seal 5.00-4.00m. 50mm ID HDPE slotted pipe with washed gravel response zone: 4.00-3.00m. Plain 50mm ID HDPE pipe with washed gravel response zone: 3.00-2.80m, bentonite pellet seal: 2.80-0.60m and gravel 0.60-0.40m. Flush cover set in concrete: 0.40-0.10m. Gas valve fitted. Surface reinstated with tarmacadam 0.10-0.00m.

REMARKS: Drilled at location of WS1009. PID readings taken on all environmental samples. Results: 1.00m - 4.00ppm; 1.50m - 3.50ppm; 2.20m - 4.80ppm.

3								
LOG C5925.G	Strike Depth (m)	Casing Depth (m)	Depth After Observation (m)	Hole Progress:	Hole Depth (m) 5.00	Casing Depth (m) 4.00	Water Depth (m)	
ROTARY								

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ROTARY BOREHOLE LOG



Borehole No.

BH2003 Sheet 1 of 1

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road, Project No: Reading

C5925

Co-ords: E 471557 N 174145

Hole Type DS+RC

Vastern Road, Reading, RG1 8BU Location:

Level:

38.56mAOD

Scale 1:37.50

Client: SSE Plc

Dates:

Start: 12/02/2018 End: 12/02/2018

Logged By TH

							End: 12/02/20	End: 12/02/2018			
(m)	Water Levels		n, Samples &		Core Run &	TCR SCR ROD	Install	Description	Depth (m)	Level (mAD)	Legend
1 — — — — — — — — — — — — — — — — — — —	1	C DES ES B ES	•		Run & Sample	60% 0% 0%	Install S.	MADE GROUND: Grey ASPHALT. MADE GROUND: Brownish grey slightly gravelly slightly silty SAND. Gravel is angular fine to coarse of siliceous material and brick. MADE GROUND: Red brick MASONRY. MADE GROUND: Brownish grey gravelly slightly silty SAND. Gravel is angular fine to coarse of siliceous material and brick. MADE GROUND: Grey CONCRETE. MADE GROUND: Loose brownish grey gravelly slightly silty (ashy) SAND with low cobile content. Gravel is angular fine to coarse of siliceous material and brick. Cobbles are angular of brick. MADE GROUND: CONCRETE recovered as dark grey, grey and reddish brown angular coarse gravel of red brick, siliceous material and concrete with 1no. cobble of angular concrete. MADE GROUND: Brownish grey very sandy silty angular to sub-rounded fine to coarse GRAVEL of mixed lithologies including red brick, concrete and siliceous material. Very soft greenish grey CLAY with a moderate hydrocarbon odour, occasional partially decomposed organic material (<5mm), and rare comminuted shell fragments (<5mm) (ALLUVIUM) 2.90-3.00m: Slightly gravelly slightly sandy clay. Gravel is angular to sub-angular fine to coarse siliceous material. Light brown very sandy very clayey angular to sub-rounded fine to coarse GRAVEL of siliceous material with a moderate hydrocarbon odour and free product (black). (KEMPTON PARK GRAVEL) Borehole completed at 4.50m Borehole completed at 4.50m			Legend 2 2 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
6 —	•	. '		•		,		•	. '		

EQUIPMENT: Hand digging tools. Comacchio Fraste Multi-drill ML track mounted rig.

METHOD: Hand dug inspection pit and geology to 1.50m: See BH1003A. Waterflush rotary coring (146mm): 1.50-2.00m. Dynamic sampling using 128mm and 113mm sample barrels: 2.00-4.50m.

CASING: 140mm diameter to 4.50m.

GROUNDWATER: None encountered prior to using water flush.

INSTALLATION: Bentonite seal 4.50-4.00m. 50mm ID HDPE slotted pipe with washed gravel response zone: 4.00-3.00m. Plain 50mm ID HDPE pipe with washed gravel response zone: 3.00-2.80m, bentonite pellet seal: 2.80-0.60m and gravel 0.60-0.40m. Flush cover set in concrete: 0.40-0.10m. Gas valve fitted. Surface reinstated with tarmacadam 0.10-0.00m.

REMARKS: Drilled at location of BH1003A. PID readings taken on all environmental samples. Results: 2.40m - 5.70ppm; 3.50m - 5.80ppm; 4.20m - 6.90ppm.

2								
5.6	Groundwater:				Hole Progress:			
C592	Date	Strike Depth (m)	Casing Depth (m)	Depth After Observation (m)	Date	Hole Depth (m)	Casing Depth (m)	Water Depth (m)
9					12/02/2018 17:00	4.50	4.50	
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<u> </u>								
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ROTARY BOREHOLE LOG



Borehole No.

BH2004

Sheet 1 of 1

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road, Project No: Hole Type Co-ords: E 471544 N 174137 Reading DS+RC C5925

Vastern Road, Reading, RG1 8BU Scale Location: Level: 38.76mAOD 1:37.50

Client: SSE Plc Logged By Start: 13/02/2018 Dates: TΗ End: 13/02/2018

						End: 13/02/20	End: 13/02/2018			
(m)	Water Levels	Core Ru No/Type	n, Samples &	 Core Run & Sample		Install	Description	Depth (m)	Level (mAD)	Legend
1 —		С	0.50 - 1.80	 	100% 21% 0%	0	MADE GROUND: Dark grey ASPHALT. MADE GROUND: Brown very sandy slightly clayey angular to sub-rounded fine to coarse GRAVEL mixed lithologies including concrete, red brick, chalk and siliceous material. MADE GROUND: CONCRETE recovered as light brown very sandy silty angular to sub-angular cobbles of concrete, red brick and siliceous material. MADE GROUND: CONCRETE recovered as angular to sub-angular cobbles of concrete with little very sandy angular fine to coarse gravel of red brick, siliceous	0.10 (0.40) 0.50 (0.40) 0.90	38.66 38.26 37.86	-1
2 —		С	1.80 - 2.90	- - - 	100% 100% 100%		material and concrete. 1.40-1.60m: Red brick masonry recovered as reddish brown very sandy silty angular to sub-angular fine to coarse gravel of red brick. MADE GROUND: Light grey matrix supported CONCRETE Aggregate is angular to rounded fine to coarse of red brick and siliceous material. 1.80-3.40m: Drill induced discontinuities are horizontal closely to medium spaced undulating and stepped rough.	1.80	36.96	-2
3 —		С	2.90 - 3.50		100% 83% 83%			(1.70)		-3
- - - -		В	3.50 - 5.00				3.40-3.50m: Recovered non intact as angular fine to carse gravel of red brick and concrete. Light brown very sandy slightly silty angular to rounded fine to coarse GRAVEL of siliceous material. (KEMPTON PARK GRAVEL)	3.50	35.26	0x00x
4		ES	4.00					(1.50)		* \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
5 —							Borehole completed at 5.00m	5.00	33.76	\$\int \chi \chi \chi \chi \chi \chi \chi \chi

EQUIPMENT: Hand digging tools. Comacchio Fraste Multi-drill ML track mounted rig.

METHOD: Hand dug inspection pit: See BH1003C. Dry drill rotary coring using 150mm coring barrel: 0.50-1.80m. Waterflush rotary coring using T6-116 coring barrel: 1.80-3.50m. Dynamic sampling using 98mm sample barrels: 3.50-5.00m.

CASING: 140mm diameter to 1.80m.

GROUNDWATER: None encountered prior to using water flush.

INSTALLATION: 50mm ID HDPE slotted pipe with washed gravel response zone: 3.80-3.30m. Plain 50mm ID HDPE pipe with washed gravel response zone: 3.30-3.10m, bentonite pellet seal: 3.10-0.60m and gravel 0.60-0.40m. Flush cover set in concrete: 0.40-0.10m. Gas valve fitted. Surface reinstated with tarmacadam 0.10-0.00m.

REMARKS: Drilled at location of BH1003C. On completion, hole collapsed to 3.80m as unable to advance casing. PID readings taken on all environmental samples. Results: 4.00m - 0.00ppm.

5	Groundwater:				Hole Progress:				
C2387	Date	Strike Depth (m)	Casing Depth (m)	Depth After Observation (m)	Date	Hole Depth (m)	Casing Depth (m)	Water Depth (m)	
- C C					13/02/2018 17:00	5.00	1.80		
4KY									
KC!									

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ROTARY BOREHOLE LOG



Borehole No.

Hole Type

BH2005 Sheet 1 of 1

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road, Project No: Reading

Co-ords: E 471552 N 174113 C5925

DS+RC Scale

Vastern Road, Reading, RG1 8BU Location:

38.65mAOD Level:

1:37.50 Logged By

TH

Client: SSE Plc

Start: 13/02/2018 Dates: End: 13/02/2018

(m) Water Levels Core Run, Samples & Testing Run & SCR Run & SCR Install Description No/Type Depth (m) Result Sample RQD MADE GROUND: Dark grey ASPHALT.	Depth (m)		Legend
	0.15	., (,)	- 5
C 0.50 - 1.20	erial with ncrete. (0.35) ncrete. (0.35) les very e (0.45) rial and ind (0.95) rise chalk, (0.90) angular to (0.30) ravelly osed d fine to avelly	36.80 37.70 36.80 36.80 36.50	
Borehole completed at 5.00m))	

EQUIPMENT: Hand digging tools. Comacchio Fraste Multi-drill ML track mounted rig.

METHOD: Hand dug inspection pit: See WS1018. Dry drill rotary coring using 150mm coring barrel: 0.50-1.20m. Dynamic sampling using 128mm and 113mm sample barrels: 1.20-5.00m.

CASING: 150mm diameter casing to 1.20m and 140mm diameter casing to 4.00m.

GROUNDWATER: None encountered prior to using water flush.

INSTALLATION: Bentonite seal 3.00-5.00m. 50mm ID HDPE slotted pipe with washed gravel response zone: 4.00-1.00m. Plain 50mm ID HDPE pipe with washed gravel response zone: 1.00-0.95m and bentonite pellet seal: 0.95-0.40m. Flush cover set in concrete: 0.40-0.10m. Gas valve fitted. Surface reinstated with farmacadam 0.10-0.00m.

REMARKS: Drilled at location of WS1018. PID readings taken on all environmental samples. Results: 0.60m - 2.80ppm; 0.95m -4.00ppm; 1.75m - 4.00ppm; 1.90m - 3.40ppm; 2.40m - 2.40ppm.

<u> </u>								
Grour	ndwater:	_			Hole Progress:			
D:	ate	Strike Depth (m)	Casing Depth (m)	Depth After Observation (m)	Date	Hole Depth (m)	Casing Depth (m)	Water Depth (m)
3		. ,	,	,	14/02/2018 17:00	5.00	,	,
<u> </u>								
ξ								
2								

ROTARY BOREHOLE LOG



Borehole No.

Sheet 1 of 1

Hole Type

DS+RC

BH2006

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road, Project No: Reading

Co-ords: E 471564 N 174107 C5925

Vastern Road, Reading, RG1 8BU Scale Location: Level: 38.49mAOD 1:37.50

Client: SSE Plc Logged By Start: 14/02/2018 Dates: TΗ End: 14/02/2010

								End: 14/02/20	18		ΙП
(m)	Water Levels	No/Type	n, Samples & Depth (m)	 Core Run & Sample	TCR SCR RQD	Install		Description	Depth (m)	Level (mAD)	Legend
(m) 1			•		SCR	Install Styles The styles T	coarse GRAVEL of conhigh cobble content. C high cobble content. C MADE GROUND: Con recovered as greyish be sandy silty angular to sugardy siliceous material and MADE GROUND: Very CLAY. Gravel is angular siliceous material angular fine to consiliceous material fine to consiliceous material (-Sommedium of siliceous material with very soft dark green los slightly sandy CLAY with organic material (-Sommedium of siliceous material siliceous material).	it grey CONCRETE. y sandy slightly silty angular fine to increte and siliceous material with obbles are angular of concrete. crete and red brick cobbles or own and reddish brown very sub-angular fine to coarse red brick, siliceous material and lar cobbles of concrete. k grey and off white very sandy b-angular fine to coarse GRAVEL erial, concrete and red brick. y soft slightly gravelly slightly sandy ar to rounded fine to coarse chalk, red brick. grey very sandy clayey angular to arse GRAVEL of red brick and visible hydrocarbons. cally dark grey slightly gravelly the rare partially decomposed m). Gravel is sub-rounded fine to aterial. (ALLUVIUM) covery: slightly sandy gravelly to sub-rounded fine to coarse of w silty angular to rounded fine to coeous material. (KEMPTON PARK ey.			Legend 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
6 —											

EQUIPMENT: Hand digging tools. Comacchio Fraste Multi-drill ML track mounted rig.

METHOD: Hand dug inspection pit: See WS1019. Dry drill rotary coring using 150mm coring barrel: 0.50-1.20m. Dynamic sampling using 128mm and 113mm sample barrels: 1.20-5.00m.

CASING: 140mm diameter casing to 4.00m.

GROUNDWATER: None encountered prior to using water flush.

INSTALLATION: Bentonite seal 2.00-5.00m. 50mm ID HDPE slotted pipe with washed gravel response zone: 2.00-1.00m. Plain 50mm ID HDPE pipe with washed gravel response zone: 1.00-0.95m and bentonite pellet seal: 0.95-0.40m. Flush cover set in concrete: 0.40-0.10m. Gas valve fitted. Surface reinstated with farmacadam 0.10-0.00m.

REMARKS: Drilled at location of WS1017. PID readings taken on all environmental samples. Results: 0.60m - 1.80ppm; 1.00m -1.60ppm; 1.40m - 2.30.ppm; 1.80m - 3.10ppm; 2.00m - 3.20ppm; 2.40m - 2.30ppm.

923.GF	Groundwater:	Strike Depth	Casing Depth	Depth After	Hole Progress:	Hole Depth	Casing Depth	Water Depth
50	Date	(m)	(m)	Observation (m)	Date 14/02/2018 17:00	(m) 5.00	(m) 4.00	(m)
אאור								
5								



Borehole No. WS1002

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road, Project No: Hole Type Co-ords: E 471584 N 174194 Reading WS C5925

Vastern Road, Reading, RG1 8BU Location: Scale Level: 38.26mAOD 1:37.50

Client: SSE Plc Logged By Start: 06/02/2018 Dates: MM End: 06/02/2018

								End: 06/02/20	18		IVIIVI
(m)	Water	Samp No/Type	oles & In Situ T		Sample	Install	Des	scription	Depth (m)	Level (mAD)	Legend
-	LCVCIS	No/Type B ES B	Depth (m) 0.10 - 0.20 0.20 0.30 - 0.50	Result			MADE GROUND: Black ASPH MADE GROUND: Reddish bro angular fine to coarse GRAVE concrete.	HALT. bwn and grey sandy slightly silty EL of siliceous material and	- 0.10 - 0.20 (0.30)	38.16 38.06	
-		D ES	0.50				to coarse GRAVEL of brick an of concrete.	own very sandy clayey angular fine and concrete. Cobbles are angular	0.50	37.76	
1 .		В	0.80 - 1.00				MADE GROUND: Brown to gr Gravel is angular to sub-angu	rey slightly sandy gravelly CLAY. lar fine to medium of brick,			
		D ES SPT	1.00 1.20 - 1.65	S 5			siliceous material and concret	ie.	(1.20)		
	11	ES	1.70				1.70m: Slow groundwater see Borehole completed at 1.70m:	page.	- 1.70	36.56	
2 -											-2 - - - - - - - -
3 -								>			-3
4 —	-										- -4 - - - - -
5 —											5
6 -	}										_6

EQUIPMENT: Hand tools. Hydraulic breaker. Terrier 2002 track mounted rig.
METHOD: Hard standing broken out using hydraulic breaker with a range of chisels and continued with hand dug inspection pit: 0.00-1.20m. Continuous disturbed sampling using 101mm sample barrel: 1.20-1.70m.
CASING: None used.
GROUNDWATER: Seepage encountered at 1.70m. No rise after 20 minutes.
BACKFILL: On completion, hole backfilled with arisings and the surface reinstated.
REMARKS: Obstruction encountered at 1.70m. PID readings taken on all environmental samples. Results: 0.20m -0.10ppm; 0.50m -0.60ppm; 1.00m -0.70ppm; 1.70m -1.50ppm

roundwater:				Hole Progress:			
Date	Strike Depth (m)	Casing Depth (m)	Depth After Observation (m)	Date	Hole Depth (m)	Casing Depth (m)	Water Depth (m)
06/02/18	1.70		1.70	06/02/2018 00:00	1.70	1.70	

Project Name: SSE Site, Vastern Road,

Reading

WINDOWLESS SAMPLE LOG



Borehole No.

WS1003

Telephone: 01452 739165, Fax: 01452 739220, Email: info@ccground.co.uk

Project No: Hole Type Co-ords: E 471596 N 174182 WS C5925

Vastern Road, Reading, RG1 8BU Location: Scale Level: 38.21mAOD 1:37.50

Client: SSE Plc Logged By Start: 06/02/2018 Dates: MM End: 06/02/2018

								End: 06/02	/2018		IVIIVI
(m)	Water	Samp	les & In Situ T	esting	Sample	Install	Des	scription	Depth	Level	Legend
(111)	Levels	No/Type	Depth (m)	Result	Sample			•	(m)	(mAD)	Legenu
- - - - -		B D ES B D ES	0.10 - 0.30 0.20 0.40 - 0.60 0.50				MADE GROUND: Reddish bro coarse GRAVEL of brick. MADE GROUND: Dark grey vo	own slightly sandy angular fine to		38.11 38.09	
1 — 1 —		B D ES D ES	0.80 - 1.00 1.00 1.10 1.20 1.20 - 1.65	S<1			MADE GROUND: Light brown fine to coarse GRAVEL of silic	to grey sandy angular slightly si	(0.30)	37.11	-1
- - -		SPT D ES	1.70				Very soft brown slightly sandy Very soft greenish grey silty C (ALLUVIUM)	CLAY. (ALLUVIUM) LAY with moderate organic odol	1.40 (0.35) Ir. 1.75	36.81	×××××
2		SPT	2.00 - 2.45	S<1			(ALLOVIONI)		(2.05)		X
3 -	1	SPT	3.00 - 3.45	S<1							X
-	¥	D	3.80				Very soft dark grey organic sa	ndy CLAY. (ALLUVIUM)	3.80	34.41	
4		B SPT	4.00 - 5.00 4.00 - 4.45	\$10			Medium dense becoming dens sub-angular to rounded fine to material. (KEMPTON PARK G	coarse GRAVEL of siliceous	(0.30) ————————————————————————————————————	34.11	
5 — - 5 —		SPT	5.00 - 5.45	S 44		1			(1.35)		0005
- - - - - 6 —							Borehole completed at 5.45m		5.45	32.76	0000

EQUIPMENT: Hand tools. Hydraulic breaker. Terrier 2002 track mounted rig.

METHOD: Hard standing broken out using hydraulic breaker with a range of chisels and continued with hand dug inspection pit: 0.00-1.20m. Continuous disturbed sampling using 101mm sample barrel: 1.20-5.00m.

CASING: 113mm diameter to 5.00m.

GROUNDWATER: Encountered at 3.89m and rose to 2.99m after a 20 minute monitoring period.

INSTALLATION: Borehole backfilled with washed gravel: 5.45-5.00m. 50mm ID HDPE slotted pipe with washed gravel response zone: 5.00-3.00m. 50mm ID HDPE plain pipe with bentonite pellet seal: 3.00-0.40m. Flush cover set in concrete: 0.40-0.10m and tarmacadam: 0.10-0.00m. Gas valve fitted.

REMARKS: PID readings taken on all environmental samples. Results: 0.20m -0.10ppm; 0.50m -0.60ppm; 1.00m -0.70ppm; 1.70m -0.10ppm.

Groundwater:				Hole Progress:				
Date	Strike Depth (m)	Casing Depth (m)	Depth After Observation (m)	Date	Hole Depth (m)	Casing Depth (m)	Water Depth (m)	
06/02/18	3.89	4.00	2.99	06/02/2018 17:00	5.45	5.00	2.42	
3	Date	Date Strike Depth (m)	Date Strike Depth Casing Depth (m) (m)	Date Strike Depth Casing Depth Depth After (m) (m) Observation (m)	Date Strike Depth Casing Depth Depth After (m) (m) Observation (m) Date	Date Strike Depth Casing Depth Depth After (m) Observation (m) Date Hole Depth (m)	Date Strike Depth Casing Depth Depth After (m) (m) Observation (m) Date Hole Depth Casing Depth (m) (m)	Date Strike Depth Casing Depth Depth After (m) (m) Observation (m) Date Hole Depth Casing Depth Water Depth (m) (m) (m)

SSE Plc

Location:

Client:

WINDOWLESS SAMPLE LOG



Borehole No. WS1004

Hole Type

WS

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Vastern Road, Reading, RG1 8BU

Project Name: SSE Site, Vastern Road, Project No:

Reading C5925

Co-ords: E 471603 N 174169

38.37mAOD

Level: Start: 06/02/2018

Scale 1:37.50 Logged By

		DE PIC			Dates: Start. 06/02/20 End: 06/02/20		-	уува ву ММ
Water	Samp	oles & In Situ T	esting			Depth	Level	Ι
(m) Levels	No/Type	Depth (m)	Result	Sample	Description	(m)	(mAD)	Legend
-	B D ES	0.20 - 0.40 0.20 0.50 - 0.70				(0.40) (0.50	38.27	
1	B D ES B	0.60 0.60 0.80 - 1.00			MADE GROUND: Grey very sandy slightly silty (ashy) angular fine to coarse GRAVEL of siliceous material and brick. MADE GROUND: Very soft brown slightly sandy gravelly CLAY. Gravel is angular to sub-angular of siliceous material and brick.	0.70	37.67	
1 -	D ES SPT	1.00 1.20 - 1.65	S 2			(0.80)		
		4.00			Very soft brown mottled grey slightly sandy CLAY. (ALLUVIUM)	1.50	36.87	
2 -	ES SPT	1.80 2.00 2.00 - 2.45	S 3		Very soft greenish grey mottled brown slightly sandy CLAY with moderate organic odour. (ALLUVIUM)	2.00	36.37	
3 -	D SPT	3.00 3.00 - 3.45	S<1			(1.70)		
4 —	D B	3.70 4.00 - 5.00	S 25		Grey very sandy slightly silty angular to sub-rounded fine to coarse GRAVEL of siliceous material. (KEMPTON PARK GRAVEL)	3.70	34.67 34.47	0x00x
	D SPT	4.00 4.00 - 4.45			Medium dense grey to brown sandy sub-angular to sub-rounded fine to coarse GRAVEL of siliceous material. (KEMPTON PARK GRAVEL)	(1.55)		0.000
; — - - - - - - - - - - - - - - - - - - -	SPT	5.00 - 5.45	\$ 38		Borehole completed at 5.45m	- 5.45	32.92	0000

EQUIPMENT: Hand tools. Hydraulic breaker. Terrier 2002 track mounted rig.

METHOD: Hard standing broken out using hydraulic breaker with a range of chisels and continued with hand dug inspection pit: 0.00-1.20m. Continuous disturbed sampling using 101mm sample barrel: 1.20-5.00m.

CASING: 113mm diameter to 5.00m.

GROUNDWATER: Encountered at 3.71m and rose to 2.67m after a 20 minute monitoring period.

INSTALLATION: Borehole backfilled with washed gravel: 5.45-5.00m. 50mm ID HDPE slotted pipe with washed gravel response zone: 5.45-3.00m. 50mm ID HDPE plain pipe with bentonite pellet seal: 3.00-0.40m. Flush cover set in concrete: 0.40-0.10m and tarmacadam: 0.10-0.00m. Gas valve fitted.

REMARKS: PID readings taken on all environmental samples. Results: 0.20m -0.10ppm; 0.60m -0.70ppm; 1.00m -0.90ppm; 2.00m -0.20ppm.

Groundwater: Date	Strike Depth (m)	Casing Depth (m)	Depth After Observation (m)	Hole Progress: Date	Hole Depth (m)	Casing Depth (m)	Water Depth (m)	
06/02/18	3.71	4.00	2.67	06/02/2018 17:00	5.45	5.00	2.43	



Borehole No.

WS1005A

Telephone: 01452 739165, Fax: 01452 739220, Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road, Project No: Reading

C5925

Co-ords: E 471614 N 174146

Sheet 1 of 1 Hole Type WS

Vastern Road, Reading, RG1 8BU Location:

Level:

38.17mAOD

Scale 1:37.50

Client: SSE Plc

Dates:

Start: 09/02/2018 End: 00/02/2018 Logged By MM

								End:	09/02/201	8		IVIIVI	
(m)	Water	Samp	les & In Situ T	esting	Sample	Install	Des	scription		Depth	Level	Legend	T
(111)	Levels	No/Type	Depth (m)	Result	Gampic			•		(m)	(mAD)	Legend	
- - - - -		B ES B ES	0.25 - 0.45 0.30 0.45 - 0.60 0.50				MADE GROUND: Dark grey A MADE GROUND: Reddish bro to coarse GRAVEL of siliceous MADE GROUND: Reddish bro coarse GRAVEL of siliceous m	own sandy slightly silty a s material. own and grey sandy clay naterial and brick.	vey fine to	0.25 0.45 0.60	37.92 37.72 37.57		*******
-		В	0.80 - 1.20				Very loose greyish brown sligh sub-rounded fine to coarse GF	itly sandy clayey angula RAVEL of siliceous mate	r to erial.			0-4:0	+
1 —	_	ES	1.00				(ALLUVIUM)			1.00)		000	1
-		SPT	1.20 - 1.65	S 4								0-10	ℷϯ
- - -	-	ES	1.50				Very soft bluish grey mottled b	rown slightly sandy CLA	AY with	1.60	36.57	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- - -
2 -	<u></u>	D SPT	1.90 2.00 - 2.45	S 3			occasional shell fragments (<5	mm). (ALLUVIUM)					- - 2 2
3 -	<u></u>	D SPT	2.90 3.00 - 3.45	S<1					(2.40)			3
4 —		D SPT B	3.90 4.00 - 4.45 4.30 - 4.65	8 37			Dense brown sandy clayey and siliceous material. (KEMPTON			4.00 0.65)	34.17		<u></u>
- - -		В	4.65 - 5.00				Dense light brown sandy angu GRAVEL of siliceous material.			4.65	33.52	0000	, -
5 —		SPT	5.00 - 5.45	\$ 41					(0.80)		0.00	- 5
- - -					/		Borehole completed at 5.45m			5.45	32.72	0 0 0	1-4-1-1
6 —													6

EQUIPMENT: Hand tools. Hydraulic breaker. Terrier 2002 track mounted rig.

METHOD: Hard standing broken out using hydraulic breaker with a range of chisels and continued with hand dug inspection pit: 0.00-1.20m. Continuous disturbed sampling using 101mm sample barrel: 1.20-5.00m.

CASING: 113mm diameter to 5.00m.

GROUNDWATER: Encountered at 2.76m and rose to and levelled out at 2.22m after a 15 minute monitoring period.

INSTALLATION: Bentonite seal 5.45-2.00m. 50mm ID HDPE slotted pipe with washed gravel response zone: 2.00-1.00m. 50mm ID HDPE plain pipe with bentonite pellet seal: 1.00-0.40m. Flush cover set in concrete: 0.40-0.10m and tarmacadam: 0.10-0.00m. Gas valve fitted.

REMARKS: PID readings taken on all environmental samples. Results: 0.20m -0.40ppm; 0.50m -0.80ppm; 1.00m -1.40ppm; 1.50m -0.40ppm.

Groundwater:				Hole Progress:				
Date	Strike Depth (m)	Casing Depth (m)	Depth After Observation (m)	Date	Hole Depth (m)	Casing Depth (m)	Water Depth (m)	
09/02/18	2.76	3.00	2.22	08/02/2018 17:00	5.45	5.00	2.29	



Borehole No.

WS1006

Telephone: 01452 739165, Fax: 01452 739220, Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road, Project No: Reading

C5925

Co-ords: E 471608 N 174137

Hole Type WS

Vastern Road, Reading, RG1 8BU Location:

Level:

38.19mAOD

Scale 1:37.50

Client: SSE Plc

Dates:

Start: 08/02/2018 End: 08/02/2018

Logged By ММ

							End: 08/02/20	18		IVIIVI
(122)	Water	Sampl	les & In Situ Te	esting	Camania	Inetall	Description	Depth	Level	Lamand
(m)	Levels	No/Type	Depth (m)	Result	Sample		Description	(m)	(mAD)	Legend
- - -		B D ES B	0.20 - 0.40 0.30 0.40 - 0.60 0.50			× × × × × × × × × × × × × × × × × × ×	MADE GROUND: Dark grey ASPHALT. MADE GROUND: Grey and reddish brown sandy angular fine to coarse GRAVEL of siliceous material.	(0.40)	37.99	
1 -		D ES B D ES SPT	0.60 - 0.90 1.00 1.20 - 1.65	S 3			MADE GROUND: Brown and greyish brown sandy angular to sub-angular fine to coarse GRAVEL of siliceous material, brick and concrete with rare geotextile membrane fragments (<80mm).	(1.00)	37.59	-1
- - - - -		D	1.90	33			Very soft bluish grey mottled brown slightly sandy CLAY. (ALLUVIUM)	- 1.60	36.59	
2		ES SPT D	2.00 - 2.45	S<1				(1.40)		
3 -	1 <u>1</u> <u>1</u>	B SPT	3.00 - 3.75 3.00 - 3.45	S 18			Medium dense brown and greyish brown sandy sub-angular to sub-rounded fine to medium GRAVEL of siliceous material. (KEMPTON PARK GRAVEL)	3.00	35.19	000
4 —		SPT	4.00 - 4.45	841			Dense light brown sandy slightly silty sub-angular to sub-rounded fine to coarse GRAVEL of siliceous material. (KEMPTON PARK GRAVEL)	- 3.75	34.44	
- - - - - - 5 —		В	4.40 - 5.00					(1.70)		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
5		SPT	5.00 - 5.45	\$ 30			Borehole completed at 5.45m	- 5.45	32.74	X

EQUIPMENT: Hand tools. Hydraulic breaker. Terrier 2002 track mounted rig.

METHOD: Hard standing broken out using hydraulic breaker with a range of chisels and continued with hand dug inspection pit: 0.00-1.20m. Continuous disturbed sampling using 101mm sample barrel: 1.20-5.00m.

CASING: 113mm diameter to 5.00m.

GROUNDWATER: Encountered at 3.36m and rose to 2.94 after 20 minutes.

INSTALLATION: Borehole backfilled with washed gravel: 5.45-5.00m. 50mm ID HDPE slotted pipe with washed gravel response zone: 5.00-3.00m. 50mm ID HDPE plain pipe with bentonite pellet seal: 3.00-0.40m. Flush cover set in concrete: 0.40-0.10m and tarmacadam: 0.10-0.00m. Gas valve fitted.

REMARKS: PID readings taken on all environmental samples. Results: 0.30m -0.10ppm; 0.50m -0.30ppm; 1.00m -0.20ppm; 1.90m -0.10ppm.

Groundwater:				Hole Progress:			
Date	Strike Depth (m)	Casing Depth (m)	Depth After Observation (m)	Date	Hole Depth (m)	Casing Depth (m)	Water Depth (m)
07/02/18	3.36		2.94	07/02/2018 17:00	3.45	3.00	3.36
				08/02/2018 08:00	3.45	3.00	2.28
				08/02/2018 17:00	5.45	5.00	2.32



Borehole No.

Hole Type

WS

WS1007

Telephone: 01452 739165, Fax: 01452 739220, Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road, Project No: Co-ords: E 471593 N 174138 Reading C5925

Vastern Road, Reading, RG1 8BU Location: Scale Level: 38.38mAOD 1:37.50

Client: SSE Plc Start: 05/02/2018 Logged By Dates: ММ End: 05/02/2018

								End:	05/02/201	18		IVIIVI
(m)	Water	Samp	les & In Situ T	esting	Sample	Install	Dec	scription		Depth	Level	Legend
(''')	Levels	No/Type	Depth (m)	Result	Campic			•		(m)	(mAD)	Logona
- - - - - -		B D ES B D ES	0.10 - 0.20 0.15 0.20 - 0.50 0.45				MADE GROUND: ASPHALT. MADE GROUND: Brown sand to medium GRAVEL of siliceo MADE GROUND: Grey sandy of GRAVEL of brick, concrete MADE GROUND: Brown sand material and chalk.	dy silty angular to sub-rous material. slightly silty angular finand siliceous material.	e to coarse	0.10 0.20 (0.30) 0.50	38.28 38.18 37.88	
1 — - - - -	<u>+</u>	B D ES SPT	1.00 - 1.20 1.00 1.20 - 1.65	S 1					_	(1.20)		1
2 —							Grey mottled orangish brown	gravelly CLAY. (ALLUV	UM)	1.70 (0.60)	36.68	
	-	D ES SPT	2.00 2.00 - 2.45	S 4			Orangish brown and grey sand PARK GRAVEL)	dy clayey GRAVEL. (KE	MPTON	2.30	36.08	
3 -	-	D SPT	3.00 3.00 - 3.45	S 11			3.00m: Medium dense.			(1.00)		0 0 3
- - - - -		В	3.30 - 3.70		(Dense brown sandy GRAVEL PARK GRAVEL)	of siliceous material. (K	ŒMPTON	3.30	35.08	0000
4		B SPT	4.00 - 5.00 4.00 - 4.45	\$30						(2.15)		
5 —		SPT	5.00 - 5.45	\$ 34			Borehole completed at 5.45m			5.45	32.93	0.00

EQUIPMENT: Hand tools. Hydraulic breaker. Terrier 2002 track mounted rig.

METHOD: Hard standing broken out using hydraulic breaker with a range of chisels and continued with hand dug inspection pit: 0.00-1.20m. Continuous disturbed sampling using 101mm sample barrel: 1.20-5.00m.

CASING: 113mm diameter to 5.00m.

GROUNDWATER: Encountered at 1.10m. No rise is recorded.

INSTALLATION: Borehole backfilled with washed gravel: 5.45-5.00m. 50mm ID HDPE slotted pipe with washed gravel response zone: 5.00-3.00m. 50mm ID HDPE plain pipe with bentonite pellet seal: 3.00-0.40m. Flush cover set in concrete: 0.40-0.10m and tarmacadam: 0.10-0.00m. Gas valve fitted. REMARKS: PID readings taken on all environmental samples. Results: 0.15m -0.20ppm; 0.45m -0.40ppm; 1.00m -0.30ppm; 2.00m -0.10ppm.

roundwater:				Hole Progress:			
Date	Strike Depth (m)	Casing Depth (m)	Depth After Observation (m)	Date	Hole Depth (m)	Casing Depth (m)	Water Depth (m)
05/02/18	1.10			05/02/2018 17:00	5.45	5.00	2.48

INSPECTION PIT LOG



Pit No **WS1008**

Sheet 1 of 1

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site. Vastern Road. | Project No:

Project Name: SSE Site, Vastern Road, Reading

C5925

Co-ords: E 471586 N 174141 Level: 38.42mAOD Date 05/02/2018

Location: Vastern Road, Reading, RG1 8BU

Dimensions:

Scale 1: 12.5

Client: SSE Plc

Depth 0.55m

Ε

m

Logged By MM

		I -							IVIIVI
(m)	Water	Samp No/Type	les & In Situ T		Description		Depth (m)	Level (mAD)	Legend
	LCVCIS	No/Type C	Depth (m) 0.00 - 0.10	Result	MADE GROUND: Dark grey ASPHALT.		(111)	(IIIAD)	
-		В	0.10 - 0.25		MADE GROUND: Light brown very sandy angul siliceous material and brick.	ar fine to coarse GRAVEL of	0.08	38.34	
		D ES	0.20				(0.22)		
-		В	0.30 - 0.50		MADE GROUND: Dark grey sandy silty (ashy) of Cobbles are angular of red brick.	GRAVEL with low cobble content.	0.30	38.12	
		D ES	0.45		0.50m: Concrete across base of pit.		(0.25)	07.07	
1					Inspection pit completed at 0.55m		0.55	37.87	
2 _									

EQUIPMENT: Hand digging tools. Terrier 2002 track mounted rig.

METHOD: Borehole advanced using 300mm diameter coring barrel utilizing water flush: 0.00-0.10m. Hand dug inspection pit: 0.10-0.55m. GROUNDWATER: None encountered.

BACKFILL: On completion, hole backfilled with bentonite pellets: 0.55-0.10 and the surface reinstated with Tarmacadam: 0.10-0.00.

REMARKS: Unable to advance hole through concrete. Position continued with rotary coring and renamed BH2001. See separate sheet. PID readings taken on all environmental samples. Results: 0.20m -0.10ppm; 0.45m -0.10ppm.

INSPECTION PIT LOG



m

Pit No WS1009

Sheet 1 of 1

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road, Reading

Project No:

C5925

Co-ords: E 471577 N 174143 Level: 38.37mAOD

Ε

Date 05/02/2018

Vastern Road, Reading, RG1 8BU Location:

Dimensions:

Scale 1:12.5

SSE Plc Client:

Depth 0.25m

Logged By MM

	Water	Samp	les & In Situ To	esting		-	Depth	Level	
(m)		No/Type C		Result	Description		(m)	(mAD)	Legend
		C,	0.00 - 0.10		MADE GROUND: Dark grey ASPHALT.		(0.10)		
-	-	В	0.10 - 0.25		MADE GROUND: Grey and brown very sandy s GRAVEL of siliceous material and red brick.	silty angular fine to coarse	0.10 (0.15)	38.27	
-		D ES	0.20		√ 0.25m: Concrete across base of pit.	,	0.25	38.12	
1 —					Inspection pit completed at 0.25m		0.25	30.12	

EQUIPMENT: Hand digging tools. Terrier 2002 track mounted rig.

METHOD: Borehole advanced using 300mm diameter coring barrel utilizing water flush: 0.00-0.10m. Hand dug inspection pit: 0.10-0.25m.

GROUNDWATER: None encountered.

BACKFILL: On completion, hole backfilled with bentonite pellets: 0.25-0.10 and the surface reinstated with Tarmacadam: 0.10-0.00.

REMARKS: Unable to advance hole through concrete. Position continued with rotary coring and renamed BH2002. See separate sheet. PID readings taken on all environmental samples. Results: 0.20m -0.20ppm.

C5925.GPJ CCGI GINT STD AGS 4 0.GDT

SSE Plc

Client:

INSPECTION PIT LOG



Pit No WS1013

Sheet 1 of 1

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road, Reading

C5925

Project No:

Co-ords: E 471560 N 174180 Level:

Ε

Date 08/02/2018 38.54mAOD

Scale

Vastern Road, Reading, RG1 8BU Location:

Depth 0.80m

Dimensions:

1:12.5 Logged By

									MM
Water Levels	Samp	Depth (m)	Result	Description			Depth (m)	Level (mAD)	Legend
-	B ES	0.15 - 0.40 0.20	Result	MADE GROUND: ASPHALT. MADE GROUND: Grey angular COBBLES of cangular fine to coarse gravel of concrete and brought for the control of the concrete and brought for the control of the cont	oncrete with some sli ick.	ightly sandy	(0.10)	38.44	
	B	0.40 - 0.70					(0.70)		
- - -	ES	0.00		Inspection pit completed at 0.80m			- 0.80	37.74	
- - -									
-									

EQUIPMENT: Hand tools. Hydraulic breaker.

METHOD: Hard standing broken out using hydraulic breaker with a range of chisels and continued with hand dug inspection pit: 0.00-0.80m.

GROUNDWATER: None encountered.

BACKFILL: On completion, hole backfilled with bentonite pellets: 0.80-0.10 and the surface reinstated with Tarmacadam: 0.10-0.00.

REMARKS: Unable to advance hole through concrete cobbles and boulders. PID readings taken on all environmental samples. Results: 0.20m -0.20ppm; 0.60m -0.30ppm.

INSPECTION PIT LOG



m

Pit No WS1013A

Sheet 1 of 1

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road, Reading

Project No: **C5925**

Co-ords: E 471560 N 174180 Level: 38.54mAOD

Ε

Date 09/02/2018

Location: Vastern Road, Reading, RG1 8BU

Dimensions:

Scale 1 : 12.5

Client:

SSE Plc

Depth 0.55m

L

Logged By MM

(\)	Water	Sampl	les & In Situ T	esting	Description		De	epth	Level	
(m)	Levels	No/Type	Depth (m)	Result	Description		((m)	(mAD)	Legend
-					MADE GROUND: ASPHALT. MADE GROUND: Grey angular COBBLES of coangular fine to coarse gravel of concrete and brounds and the concrete and brounds are concrete and concre	oncrete with some sli rick.	ightly sandy (0.	10)).10	38.44	
-							(0.4	45)		
-					Inspection pit completed at 0.55m		0).55	37.99	
-										
-				(
-										
-										
-										

EQUIPMENT: Hand tools. Hydraulic breaker.

METHOD: Hard standing broken out using hydraulic breaker with a range of chisels and continued with hand dug inspection pit: 0.00-0.55m.

GROUNDWATER: None encountered.

BACKFILL: On completion, hole backfilled with bentonite pellets: 0.55-0.10 and the surface reinstated with Tarmacadam: 0.10-0.00.

REMARKS: Unable to advance hole through concrete cobbles and boulders.

INSPECTION PIT LOG



Pit No WS1017

Sheet 1 of 1

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road,

Reading

C5925

Project No:

Co-ords: E 471564 N 174107 Level: 38.49mAOD

Date 07/02/2018

Vastern Road, Reading, RG1 8BU Location:

Dimensions:

Scale 1:12.5

SSE Plc Client:

Depth 0.50m

Ε

m

Logged By MM

(m)	Water	Samp	les & In Situ T	esting	Description		Depth	Level	Legeno
111)	Levels	No/Type	Depth (m) 0.00 - 0.12	Result			(m)	(mAD)	Legent
-		В	0.00 - 0.12		MADE GROUND: Light grey CONCRETE. MADE GROUND: Grey sandy slightly silty angu concrete and siliceous material with high cobble concrete.	lar fine to coarse GRAVEL of e content. Cobbles are angular of	(0.12)	38.37	
-		D	0.40		concrete.		(0.38)		
-		D ES	0.40		Inspection pit completed at 0.50m		- 0.50	37.99	
-									
-									
-									
-									
- -									
-									

EQUIPMENT: Hand tools. Hydraulic breaker.

METHOD: Hard standing broken out using hydraulic breaker with a range of chisels and continued with hand dug inspection pit: 0.00-0.50m.

GROUNDWATER: None encountered.

BACKFILL: On completion, hole backfilled with bentonite pellets: 0.50-0.10 and the surface reinstated with Tarmacadam: 0.10-0.00.

REMARKS: Unable to advance hole through concrete. Position continued with rotary coring and renamed BH2006. See separate sheet. PID readings taken on all environmental samples. Results: 0.20m -0.10ppm.

INS PIT LOG C5925.GPJ CCGI GINT STD AGS 4_0.GDT

INSPECTION PIT LOG



m

Pit No WS1018

Sheet 1 of 1

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road, Reading

Project No: C5925 Co-ords: E 471552 N 174113 38.65mAOD

Date 07/02/2018

Vastern Road, Reading, RG1 8BU Location:

Level: Dimensions:

Scale 1:12.5

SSE Plc Client:

Depth 0.50m

Ε

Logged By MM

w) Water	Sama	oles & In Situ T	octing			Dareth	11	IVIIVI
n) water Levels	No/Type	Depth (m)	Result	Description		Depth (m)	Level (mAD)	Legend
-	B D	0.07 - 0.20 0.15	resuit	MADE GROUND: Dark grey ASPHALT. MADE GROUND: Grey sandy slightly silty angu concrete and siliceous material with high cobble	alar fine to coarse GRAVEL of	(0.15)	38.50	
	ES B D ES	0.20 - 0.45		concrete and siliceous material with high cobble concrete.	e content. Cobbles are angular of	(0.35)		
-				Inspection pit completed at 0.50m		0.50	38.15	

EQUIPMENT: Hand tools. Hydraulic breaker.

METHOD: Hard standing broken out using hydraulic breaker with a range of chisels and continued with hand dug inspection pit: 0.00-0.50m.

GROUNDWATER: None encountered.

BACKFILL: On completion, hole backfilled with bentonite pellets: 0.50-0.10 and the surface reinstated with Tarmacadam: 0.10-0.00.

REMARKS: Unable to advance hole through concrete. Position continued with rotary coring and renamed BH2005. See separate sheet. PID readings taken on all environmental samples. Results: 0.15m -0.20ppm; 0.40m -0.10ppm.

INS PIT LOG C5925.GPJ CCGI GINT STD AGS 4_0.GDT



Borehole No.

WS1019

Telephone: 01452 739165, Fax: 01452 739220, Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road, Project No:

Reading

C5925

Co-ords: E 471552 N 174069

Hole Type WS

Vastern Road, Reading, RG1 8BU Location:

Level:

38.32mAOD

Scale 1:37.50

Client: SSE Plc

Dates:

Start: 07/02/2018 End: 07/02/2018 Logged By MM

							End: 07/02/2	018		IVIIVI
Water		les & In Situ T	esting	Sample	Install		Description	Depth	Level	Legend
Levels	No/Type	Depth (m)	Result				MADE GROUND: Dark grey ASPHALT.	(m)	(mAD)	XXXXX
	B ES B	0.10 - 0.25 0.20 0.25 - 0.50			× × × × × × × × × × × × × × × × × × ×	V.	MADE GROUND: Grey and reddish brown sandy slightly silty angular fine to coarse GRAVEL of siliceous material. MADE GROUND: Brown and greyish brown very sandy slightly	0.10	38.22 38.07	
-	ES	0.50					clayey angular to sub-angular fine to coarse GRAVEL of siliceous material, brick and concrete with low cobble content. Cobbles are angular brick.	(0.75)		
-	B D	1.00 - 1.20 1.10					MADE GROUND: Very soft brown gravelly sandy CLAY. Gravel is angular to sub-angular fine to coarse of siliceous material,	1.00	37.32	
	ES SPT	1.20 - 1.65	S<1				brick and concrete.	(0.70)		
	D	1.80					Very soft firm greenish grey slightly gravelly slightly sandy CLAY. Gravel is sub-argular fine to medium of siliceous	1.70	36.62	
	ES SPT	2.00 - 2.45	S<1				material. (ALLUVIUM)	(0.78)		
<u>↓</u>	D	2.40				_	Medium dense light brown very sandy slightly silty sub-angular to rounded fine to coarse GRAVEL of siliceous material. (KEMPTON PARK GRAVEL)	2.48	35.84	0-0-0
- - - - - - - - - - -	SPT	3.00 - 3.45	S 11							
- - - - - - - - - - -	D SPT	4.00 4.00 - 4.45	8 15					(2.97)		
- - - - - - - -	SPT	5.00 - 5.45	\$ 25					5.45	20.07	0 0 0
							Borehole completed at 5.45m	5.45	32.87	

EQUIPMENT: Hand tools. Hydraulic breaker. Terrier 2002 track mounted rig.

METHOD: Hard standing broken out using hydraulic breaker with a range of chisels and continued with hand dug inspection pit: 0.00-1.20m. Continuous disturbed sampling using 101mm sample barrel: 1.20-5.00m.

CASING: 113mm diameter to 5.00m.

GROUNDWATER: Encountered at 2.48m and rose to and leveling out at 2.36m after 15 minutes.

INSTALLATION: Borehole backfilled with washed gravel: 5.45-5.00m. 50mm ID HDPE slotted pipe with washed gravel response zone: 5.00-3.00m. 50mm ID HDPE plain pipe with bentonite pellet seal: 2.00-0.40m. Flush cover set in concrete: 0.40-0.10m and tarmacadam: 0.10-0.00m. Gas valve fitted.

REMARKS: PID readings taken on all environmental samples. Results: 0.20m -0.20ppm; 0.50m -0.30ppm; 1.10m -0.10ppm; 1.80m - 0.10ppm.

Groundwater: Date	Strike Depth (m)	Casing Depth (m)	Depth After Observation (m)	Hole Progress: Date	Hole Depth (m)	Casing Depth (m)	Water Depth (m)	
07/02/18	2.48	3.00	2.36	07/02/2018 17:00	5.45	5.00	2.44	

TRIAL PIT LOG



Pit No **TP1001**

Sheet 1 of 1

Date

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road,

Reading

Project No: **C5925**

Co-ords: E 471567 N 174208 Level: 38.13mAOD

07/02/2018

Location: Vastern Road, Reading, RG1 8BU

C33

Dimensions:

3.10m Scale 1:37.5

Client: SSE Plc

Depth 1.20m

0.60m

Logged By TH

	Water	Samp	les & In Situ T	estina			Depth	Level	
(m)	Levels	No/Type	Depth (m)	Result	Description		(m)	(mAD)	Legend
- - - -		B D ES B	0.20		MADE GROUND: Dark brown slightly gravelly s roots and rootlets (<20mm) and rare fragments angular to sub-angular fine to coarse of siliceou MADE GROUND: Dark greyish brown, grey and concrete, red brick and slag with low boulder co	(<60mm) of pottery. Gravel is us material, concrete and red brick. I reddish brown COBBLES of content and much very gravelly	(0.40) - 0.40 (0.40)	37.73	
- - 1 —		ES B	1.00		slightly clayey sand. Gravel is angular to sub-ar lithologies including red brick, concrete and siling angular of concrete and intact red brick mason MADE GROUND: Firm light brown mottled grey	ceous material. Boulders are y (<400mm).	0.80	37.33	_1
- - - - - -		D ES	1.00		sandy CLAY with rare roots and rootlets (<5mm sub-rounded fine to coarse of red brick, concret 0.80m: Light grey concrete slab with red brick n 1.20m: 1no. black cable (Intact) approximately sapproximately Southwest - Northeast. 1.20m: Dry. Trial pit completed at 1.20m	te and siliceous material. nasonry across large are of pit.	- 1.20	36.93	
2									-2 - - - - - - - -
3									-3 - - - - - - - - - - - - - - - - - -
- - - - - - - -									
6 —									

EQUIPMENT: JCB 3CX Mechanical Excavator.

METHOD: Trial pit excavated using 0.60m wide backactor bucket.

GROUNDWATER: None encountered.

STABILITY: Trial pit generally stable and vertical throughout.

BACKFILL: Trial pit backfilled with arisings and compacted with excavator bucket.

REMARKS: PID readings taken on all environmental samples. Results: 0.20m -1.90ppm; 1.50m -2.00ppm; 1.00m - 2.60ppm. Trial pit terminated at 1.20m due to buried service at 1.20m.

TRIAL PIT LOG



Pit No **TP1002**

Sheet 1 of 1 Date

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road,

Project No: Reading C5925

Level:

Co-ords: E 471604 N 174164 38.36mAOD

07/02/2018 Scale

Location: Vastern Road, Reading, RG1 8BU Dimensions:

3.70m

1:37.5

Depth 2.00m 4.00m Client: SSE Plc Logged By TΗ

(m)	Water	Samp	les & In Situ T	esting	Description	Depth	Level	Legend
(111)	Levels	No/Type	Depth (m)	Result	<u>'</u>	(m)	(mAD)	Legend
- - -		B ES	0.30		MADE GROUND: Dark grey ASPHALT. MADE GROUND: CONCRETE. MADE GROUND: Brown very sandy very silty angular to sub-angular fine to coarse GRAVEL of red brick, concrete and siliceous material with medium cobble	0.05 0.15 0.35	38.31 38.21 38.01	
- - - -		B ES	0.80		content and rare fragments (<50mm) of metal. Cobbles are angular to sub-angular of red brick and concrete. MADE GROUND: Brown, grey and reddish brown COBBLES of red brick and concrete with much very sandy very silty angular to rounded fine to coarse gravel	(0.60)	37.86	
1 — - -		E3			of red brick, siliceous material and concrete. 0.50-1.10m: Intact red brick masonry in Northern pit wall. MADE GROUND: Brown very sandy very clayey angular to sub-rounded fine to	1.10	37.26	1
- -]	B ES	1.40		coarse GRAVEL of siliceous material, red brick and chalk: 1.40-1.60m: Tending to slightly sandy gravelly clay.	1.60	36.76	
2 —		B D ES	1.70		Very soft dark green slightly sandy silty CLAY with moderate organic odour and rare comminuted shell fragments (<5mm), (ALLUVIUM)	(0.80)		- x - x - x - x - x - x - x - x - x - x
- - - - - -		B D	2.50		Very soft bluish green mottled light grey silty calcareous CLAY with rare partially decomposed organic material (<5mm), occasional comminuted shell fragments (<5mm) and a moderate organic odour. (ALLUVIUM)	2.40	35.96	× × × × × × × × × × × × × × × × × × ×
3		B D	3.50			(1.60)		X
4 —	11	D	3.90		3.90-4.00m: 1no. lens of light grey and off white very clayey sand with frequent comminuted shell fragments (<5mm). 4.00m: Slow groundwater seepage. Trial pit completed at 4.00m	4.00	34.36	<u></u>
5 —								- - - - - - - - - - - - - - - - - - -

EQUIPMENT: JCB 3CX Mechanical Excavator.

METHOD: Trial pit excavated using 0.60m wide backactor bucket.

GROUNDWATER: Slow groundwater seepage encountered at 4.00m.

STABILITY: Trial pit generally stable and vertical throughout.

BACKFILL: Trial pit backfilled with arisings and compacted with excavator bucket.

REMARKS: PID readings taken on all environmental samples. Results: 0.30m -2.50ppm; 0.80m -3.40ppm; 1.40m - 4.10ppm; 1.70m -3.50ppm. Surface reinstated on 13/02/2018.

TRIAL PIT LOG



Pit No **TP1003**

Sheet 1 of 1

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road,

SSE Plc

Reading

Project No: C5925

Co-ords: E 471596 N 174149 Level:

38.35mAOD

Date 07/02/2018 Scale

Location:

Client:

Vastern Road, Reading, RG1 8BU

Dimensions: Depth

0.35m

3.60m 1.80m

1:37.5 Logged By

Clici		00				3			LO	TH	,
(m)	Water	Samp	les & In Situ T	esting	Description			Depth	Level	Legend	
-	Levels	No/Type	Depth (m)	Result	NADE GROUND: Dark grey ASPHALT.			(m) 0.05	(mAD) 38.30 38.25	20gond	_
- - - - - 1 —		B ES	0.30		MADE GROUND: CONCRETE. MADE GROUND: Reddish brown very sandy si coarse GRAVEL of mixed lithologies including material with high cobble content. Cobbles are and concrete. 0.30m: Historic concrete foundations with rolled 0.30-0.35m: Attempt to break through concrete bellow extent of JCB pecker. 0.35m: 1no steel plate (exposed 1.40mx0.80m) 0.35m: Dry. Trial pit completed at 0.35m	concrete, red brick and s angular to sub-angular o d steel joists (~200mm). obstruction. Concrete ex	iliceous f red brick ktending	0.10	38.00		· · · · · · · · · · · · · · · · · · ·
- - - - - 2 — - - -											- - - - - - -
- - - - - - -											
- 4 - - - - - - -											
5 — - - - - - - -											

EQUIPMENT: JCB 3CX Mechanical Excavator.

METHOD: Trial pit excavated using 0.60m wide backactor bucket.

GROUNDWATER: None encountered.

STABILITY: Trial pit generally stable and vertical throughout.

BACKFILL: Trial pit backfilled with arisings and compacted with excavator bucket.

REMARKS: PID readings taken on all environmental samples. Results: 0.20m -1.80ppm. Trial pit terminated at 0.35m due to historic reinforced concrete foundations. Surface reinstated on 13/02/2018.

TRIAL PIT LOG



3.60m

Pit No **TP1004**

Sheet 1 of 1 Date

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road,

SSE Plc

Client:

Project No: Reading

Co-ords: E 471580 N 174166 Level:

2.10m

38.29mAOD

07/02/2018 Scale

Location: Vastern Road, Reading, RG1 8BU

Depth

Dimensions:

1:37.5

4.20m

Logged By TΗ

							10
m) Wat		les & In Situ T		Description	Depth (m)	Level (mAD)	Legend
	No/Type	Depth (m)	Result	MADE GROUND: Dark grey ASPHALT. MADE GROUND: CONCRETE.	/ 0.05 (0.30)	38.24	
	B ES B ES	0.40 0.60		MADE GROUND: Brown very sandy slightly clayey angular to sub-angular fine to coarse GRAVEL of red brick, concrete and siliceous material with a medium cobble content. Cobbles are angular of red brick. MADE GROUND: Off white and brown sandy very clayey angular to sub-rounded fine to coarse GRAVEL of chalk, red brick and siliceous material.	0.35 0.50 0.75	37.94 37.79 37.54	
	B D	1.00		MADE GROUND: Very soft dark green and bluish grey slightly grayelly slightly sandy silty calcareous CLAY with a slight organic odour. Gravel is angular to sub-angular fine to coarse of red brick.	(0.55)		
	B D ES	1.50		Very soft dark green and dark brownish grey silty calcareous CLAY with rare shell fragments (<5mm) and a strong organic odour. (ALLUVIÚM)	1.30	36.99	* - × - × - × - × - × - × - × - × - × -
-				Very soft bluish green mottled light grey silfy calcareous CLAY with a strong organic odour and rare partially decomposed organic material (<5mm). (ALLUVIUM)	2.00	36.29	* -× - × -× - × -× - × -× -
	B D	2.50			(1.10)		* * * * * * * * * * * * * * * * * * *
1 1 1	B D	3.50		Very soft greenish grey mottled greenish brown and light grey slightly sandy silty calcareous CLAY with occasional comminuted shell fragments (<5mm). (ALLUVIUM)	(1.10)	35.19	* - X - X - X - X - X - X - X - X - X -
- - - - - - -				Trial pit completed at 4.20m	4.20	34.09	X X X X X X X X X X X X X X X X X X X

C5925

EQUIPMENT: JCB 3CX Mechanical Excavator.

METHOD: Trial pit excavated using 0.60m wide backactor bucket.

GROUNDWATER: Groundwater encountered at 3.90m rising to 3.40m after a 10 minute monitoring period.

STABILITY: Trial pit generally stable and vertical throughout.

BACKFILL: Trial pit backfilled with arisings and compacted with excavator bucket.

REMARKS: PID readings taken on all environmental samples. Results: 0.40m -0.70ppm; 0.60m -1.30ppm; 1.00m - 1.50ppm; 1.50m - 4.20ppm. Surface reinstated on 13/02/2018.

TRIAL PIT LOG



Pit No **TP1005**

Sheet 1 of 1

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road,

Project No: Reading C5925

Level: 38.41mAOD

Co-ords: E 471567 N 174159

Date 07/02/2018

Vastern Road, Reading, RG1 8BU Location:

Dimensions:

Scale 1:37.5

SSE Plc Client:

Depth 1.10m

2.20m

2.60m

Logged By TH

Water	Sampl	es & In Situ T	esting	Decembries		Depth	Level	1
Levels	No/Type	Depth (m)	Result	Description		(m)	(mAD)	Legend
1	1 7 7	-1 ()		√ MADE GROUND: Dark grey ASPHALT.	/	0.05	38.36	XXXXX
4				MADE GROUND: CONCRETE.	/	0.15	38.26	
+	В	0.30		MADE GROUND: Brown and reddish brown CC concrete with much very sandy very silty angula gravel of red brick, concrete, slag and siliceous	BBLES of angular red brick and			
-	ES	0.50		concrete with much very sandy very silty angula	r to sub-angular fine to coarse			$ \times \times \times \times $
]				gravel of red brick, concrete, slag and siliceous	material.	(0.05)		
4	В	0.70				(0.95)		
+	ES	0.70		0.80m: 1no. broken black metal pipe (~80mm d	iameter) orientated approximately			$ \times \times \times \rangle$
_]				East to West.	,			
4				Trial nit completed at 1.10m	//	1.10	37.31	XXXXX
				Trial pit completed at 1.10m		1.10	37.31	
1								
_	1 1		1 1					

EQUIPMENT: JCB 3CX Mechanical Excavator.

METHOD: Trial pit excavated using 0.60m wide backactor bucket.

GROUNDWATER: None encountered.

STABILITY: Trial pit generally stable and vertical throughout.

BACKFILL: Trial pit backfilled with arisings and compacted with excavator bucket.

REMARKS: PID readings taken on all environmental samples. Results: 0.30m -0.40ppm; 0.70m -2.00ppm. Trial pit terminated at 1.10m due to buried service at 1.20m. Trial pit terminated at 0.35m due to historic reinforced concrete foundations. Surface reinstated on 13/02/2018.

TRIAL PIT LOG



3.60m

Pit No **TP1006**

Sheet 1 of 1

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road,

Reading

Project No: **C5925**

Co-ords: E 471565 N 174172 Level: 38.44mAOD

2.00m

Date 07/02/2018

Location: Vastern Road, R

Vastern Road, Reading, RG1 8BU

Dimensions:

Scale 1: 37.5

Client: SSE Plc

Depth 2.40m

Logged By TH

						L				
(m)	Water		les & In Situ T		Description			Depth	Level	Legend
	Levels	No/Type	Depth (m)	Result	· MADE GROUND: Dark grey ASPHALT.			(m) - 0.05	(mAD) 38.39	XXXXX
1 —		B ES B ES B	0.30 0.50 0.70		MADE GROUND: CONCRETE. MADE GROUND: Brown very sandy slightly clayey angular to coarse GRAVEL of red brick, concrete and siliceous material cobble content. Cobbles are angular of red brick. MADE GROUND: Light brown very sandy silty angular to sub coarse GRAVEL of siliceous material, red and yellow brick. MADE GROUND: Off white and light brown slightly sandy ver sub-rounded fine to coarse GRAVEL of chalk and siliceous n cobble content. Cobbles are sub-angular to sub-rounded of company to the coarse of the coarse	al with a n b-rounded ery silty ar material v	d fine to ngular to with high	(0.30) (0.45) (0.60)	38.29 37.99 37.84	
- - - -		B ES	1.50		material. 0.90-1.10m: Light brown and reddish brown very sandy claye sub-angular gravel of siliceous material, red brick and concre content. Cobbles are angular to sub-angular of red brick. 1.10-1.90m: Low cobble content.	ey angula ete with a	ar to a high cobble	(1.30)		
2 —	\$\\rightarrow{1}{2}\$				Very soft dark green and dark grey CLAY with strong organic	c odour. (ALLUVIUM)	1.90	36.54	<u>`</u> *****
- - -	⊉	B D ES	2.20		Trial pit completed at 2.40m			(0.50)	36.04	
3										
5 — - - - - - - -										- - - - - - - - - - - - - - - - - - -

EQUIPMENT: JCB 3CX Mechanical Excavator.

METHOD: Trial pit excavated using 0.60m wide backactor bucket.

GROUNDWATER: Groundwater encountered at 2.40m rising to 2.30m after a ten minute monitoring period. Slow groundwater seepage encountered at 1.90m.

STABILITY: Trial pit collapsing from 1.10-1.90m.

BACKFILL: Trial pit backfilled with arisings and compacted with excavator bucket.

REMARKS: PID readings taken on all environmental samples. Results: 0.30m -1.20ppm; 0.50m -1.20ppm; 0.70m - 1.40ppm; 1.50m - 0.70ppm; 2.20m - 1.70ppm. Trial pit terminated at 2.40m due to undermining of surface hardstanding. Surface reinstated on 13/02/2018.

TP LOG C5925.GPJ CCGI GINT STD AGS 4_0.GDT 9/3/

TRIAL PIT LOG



2.80m

Pit No **TP1007**

Sheet 1 of 1

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road,

SSE Plc

Client:

Reading

Project No: **C5925**

Co-ords: E 471545 N 174170 Level: 38.70mAOD

2.20m

Date 07/02/2018

Location: Vastern Road, Reading, RG1 8BU

Dimensions:

Scale

Depth 0.70m 1 : 37.5 Logged By

onent.		00	,L110			8,			TH	, y
(m) \	Water	Samp	les & In Situ T	esting	Description		Depth	Level	Legend	
L	_evels	No/Type	Depth (m)	Result	·		(m)	(mAD)	2090	
4					MADE GROUND: Dark grey ASPHALT.		0.05	38.65	>>>>	1
4		В	0.20		MADE GROUND: CONCRETE.		0.10	38.60	$ \!\!>\!\!>\!\!>\!\!>$	\$-
1		ES	0.20		MADE GROUND: Brown very sandy very silty	angular to sub-angular fine to	(0.40)		$ \!\!>\!\!>\!\!>\!\!>$	\$
]					COARSE GRAVEL OF TED DRICK, CONCRETE AND SHIP	Cobbles are angular to	0.50	38.20		Ϊ.
4		B ES	0.50		sub-angular of red brick and concrete.	Cobbles are arigular to	/ 1		$ \!\!\times\!\!\times\!\!\times\!\!$	}_
+				-	coarse GRAVEL of red brick, concrete and silic content and rare fragments (<50mm) of metal. sub-angular of red brick and concrete.		0.70	38.00	XXXXX	+
]					MADE GROUND: Firm light brown slightly gray	elly sandy silty CLAY with a	[]			L
1 -					moderate hydrocarbon odour. Gravel is angula red brick, siliceous material, chalk and concrete	r to sub-angular fine to coarse of				L
4					Trial pit completed at 0.70m	s. / /				H
					mai pit completed at 0.70m					Ė
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EQUIPMENT: JCB 3CX Mechanical Excavator.

METHOD: Trial pits excavated using 0.60m backactor bucket.

GROUNDWATER: None encountered.

STABILITY: Trial pit generally stable and vertical throughout.

BACKFILL: Trial pit backfilled with arisings and compacted with excavator bucket.

REMARKS: PID readings taken on all environmental samples. Results: 0.20m -3.20ppm; 0.70m -5.20ppm. Trial pit terminated at 0.70m due to historic reinforced concrete foundations. Surface reinstated on 13/02/2018.

TP LOG C5925.GPJ CCGI GINT STD AGS 4_0.GDT 9/

TRIAL PIT LOG



Pit No **TP1008**

Sheet 1 of 1

Telephone: 01452 739165 , Fax: 01452 739220 , Email: info@ccground.co.uk

Project Name: SSE Site, Vastern Road,

Reading

Project No: C5925

Co-ords: E 471546 N 174157 Level:

38.69mAOD

Date 07/02/2018

Vastern Road, Reading, RG1 8BU Location:

Dimensions:

3.10m

Scale 1:37.5

SSE Plc Client:

Depth 1.70m

1.50m

Logged By TH

Water	Sample	es & In Situ T		Description	Depth	Level	Legen
Levels No	o/Type	Depth (m)	Result	MADE GROUND: Dark grey ASPHALT.	(m)	(mAD) 38.64	XXXX
1				MADE GROUND: Dark grey ASPHALT. MADE GROUND: CONCRETE.	(0.30)	30.04	
]					0.35	38.34	$ \times \times $
1	В	0.40		MADE GROUND: Gray and light brown and reddish brown very sandy silty angular to sub-angular fine to coarse GRAVEL of mixed lithologies including	(0.35)	00.04	
-	ES			concrete, red brick and siliceous material with high cobble content. Cobbles are	<u> </u>	07.00	$ \times \times $
1	В	0.80		\ angular to sub-angular of concrete and red brick.\ MADE GROUND: Firm light brown slightly gravelly sandy silty CLAY. Gravel is	0.70	37.99	
-	ES	0.00		angular to sub-angular fine to coarse of chalk, siliceous material, red brick and			$ \times \times \rangle$
]				clinker. 0.75-1.10m: 1no. pocket of dark grey and grey ash.			
]				1.00-1.70m: With pockets (<0.5m) of off white slightly sandy very silty angular to sub-angular fine to coarse gravel of chalk and siliceous material.	(1.00)		
]	В	1.50					
<u> </u>	D ES			1.70m: Dry.	1.70	36.99	XXXX
]				Trial pit completed at 1.70m	_		
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EQUIPMENT: JCB 3CX Mechanical Excavator.

METHOD: Trial pit excavated using 0.60m wide backactor bucket.

GROUNDWATER: None encountered.

STABILITY: Trial pit generally unstable and collapse from 1.20-1.70m.

BACKFILL: Trial pit backfilled with arisings and compacted with excavator bucket.

REMARKS: PID readings taken on all environmental samples. Results: 0.40m -1.70ppm; 0.80m -0.60ppm; 1.50m - 1.40ppm. Trial pit terminated at 1.20m due to buried service at 1.20m. Trial pit terminated at 1.70m due to undermining surface hardstanding. Surface reinstated on 13/02/2018.

Omnia Environmental Consulting Borehole No. 10 Manor Court **Borehole Log OMNIA** 2 Barnes Wallis Road WS101 Fareham PO15 5TH Sheet 1 of 1 Project No. Hole Type Project Name: 55 Vastern Road, Reading Co-ords: A10967 WS Scale SSE Contracting Ltd, 55 Vastern Road, Reading, Location: Level: Berkshire, RG1 8BU 1:25 Logged By Dates: Client: 16/04/2018 -Berkely (Western) Homes K.D Samples and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) Depth (m) Type MADE GROUND Concrete. PID=4 0.40 MADE GROUND 0.40 - 0.45ES 0.45 Soft dark grey slightly silty CLAY. Black staining 0.45 - 0.80 ES present PID=4 MADE GROUND Dark grey SAND AND GRAVEL. Sand is fine to PID=4 0.80 coarse. Gravel is subangular to subrounded fine 0.80 - 1.00 ES to coarse concrete, brick and asphalt. MADE GROUND PID=10 Dark grey/black slightly silty slightly gravelly fine 1.00 - 1.30 ES to coarse SAND. Gravel of subangular to subrounded fine to coarse brick and concrete. PID=9 1.30 MADE GROUND ES 1.30 - 1.50 Soft brown slightly sandy slightly gravelly CLAY. PID=8 1.50 Sand is medium to coarse. Gravel is subangular to subrounded fine to coarse chalk, asphalt and 1.50 - 1.70 ES clinker PID=6 1.70 CLAY 1.70 - 1.80 ES Soft brown slightly gravelly CLAY. Gravel is 1.80 subangular to subrounded fine shell fragments Firm green with black speckling slightly gravelly 2 slightly silty CLAY. Gravel is subangular to subrounded fine to medium chalk, flint and organic matter.

End of borehole at 1.80 m 3





Omnia Environmental Consulting Borehole No. 10 Manor Court **Borehole Log OMNIA** 2 Barnes Wallis Road WS102 Fareham PO15 5TH Sheet 1 of 1 Project No. Hole Type Project Name: 55 Vastern Road, Reading Co-ords: A10967 WS Scale SSE Contracting Ltd, 55 Vastern Road, Reading, Location: Level: Berkshire, RG1 8BU 1:25 Logged By Dates: Client: 16/04/2018 -Berkely (Western) Homes K.D Samples and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) Depth (m) Type MADE GROUND Concrete. 0.38 PID=4 MADE GROUND 0.40 - 0.60ES Black gravely medium to coarse SAND. Gravel of subangular to subrounded fine to coarse PID=4 0.60 concrete, clinker, asphalt and PACM. 0.60 - 0.90 ES MADE GROUND Multicoloured gravelly medium to coarse SAND. Gravel of subangular to subrounded fine to medium clinker, concrete and brick MADE GROUND PID=7 0.95 0.95 - 1.50 ES Light grey SAND AND GRAVEL. Sand is medium to coarse. Gravel is angular to subrounded fine to coarse brick concrete and PID=9 1.50 - 2.00 ES PID=10 2.00 2 2.00 - 2.40 ES Soft green slightly gravelly slightly silty CLAY. Gravel of subangular to subrounded fine chalk and shell fragments. 2.40 End of borehole at 2.40 m 3

Remarks



Omnia Environmental Consulting Borehole No. 10 Manor Court **Borehole Log OMNIA** 2 Barnes Wallis Road WS103 Fareham PO15 5TH Sheet 1 of 1 Project No. Hole Type Project Name: 55 Vastern Road, Reading Co-ords: A10967 WS Scale SSE Contracting Ltd, 55 Vastern Road, Reading, Location: Level: Berkshire, RG1 8BU 1:25 Logged By Dates: Client: 16/04/2018 -Berkely (Western) Homes K.D Samples and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) Depth (m) Туре MADE GROUND Concrete. PID=5 0.40 MADE GROUND 0.40 - 0.70 ES Grey and SAND AND GRAVEL. Sand is fine to coarse with frequent cobble content of brick, ceramic, clinker asphalt, chalk and concrete. PID=4 1.20 - 1.40 ES PID=6 1.60 MADE GROUND 1.60 - 1.70 ES 1.70 Soft brown slightly gravelly CLAY. Gravel of PID=3 subangular to subrounded fine to coarse brick, 1.80 1.70 - 2.00 ES 2.00 Soft brown slightly gravelly CLAY . Gravel of 2 subangular to subrounded fine chalk. Soft green slightly gravelly CLAY. Gravel of subangular to subrounded flint, chalk and shell fragments. End of borehole at 2.00 m 3

Remarks



Omnia Environmental Consulting Borehole No. 10 Manor Court **Borehole Log OMNIA** 2 Barnes Wallis Road WS104 Fareham PO15 5TH Sheet 1 of 1 Project No. Hole Type Project Name: 55 Vastern Road, Reading Co-ords: A10967 WS Scale SSE Contracting Ltd, 55 Vastern Road, Reading, Location: Level: Berkshire, RG1 8BU 1:25 Logged By Dates: Client: Berkely (Western) Homes 17/04/2018 -K.D Samples and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) Depth (m) Type MADE GROUND Concrete. 0.30 - 0.70ES 0.30 MADE GROUND Grey sandy GRAVEL. Sand is medium to coarse. Gravel of subangular to subrounded fine to medium concrete and brick. PID=3 0.70 MADE GROUND 0.70 - 1.55 ES Soft brown gravelly CLAY. Gravel subangular to subrounded fine to coarse with frequent cobble of brick, concrete, slate, clinker and flint. PID=13 1.55 MADE GROUND 1.55 - 1.75 ES Firm black slightly gravelly CLAY. Gravel of subangular to subrounded fine to coarse flint, PID=2307 1 75 1.75 - 2.00 ES Firm greyish green with black staining present PID=368 2 slightly gravelly CLAY. Gravel subangular to 2.00 - 2.40 ES subrounded fine, chalk and shell fragments. 2.40 End of borehole at 2.40 m 3

Remarks



Omnia Environmental Consulting Borehole No. 10 Manor Court **Borehole Log OMNIA** 2 Barnes Wallis Road WS105 Fareham PO15 5TH Sheet 1 of 1 Project No. Hole Type Project Name: 55 Vastern Road, Reading Co-ords: A10967 WS Scale SSE Contracting Ltd, 55 Vastern Road, Reading, Location: Level: Berkshire, RG1 8BU 1:25 Logged By Dates: Client: 17/04/2018 -Berkely (Western) Homes K.D Samples and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) Depth (m) Type MADE GROUND Concrete. PID=4 0.60 MADE GROUND 0.60 - 0.90 ES Soft brown slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel of subangular to subrounded fine to coarse with frequent cobble PID=4 content brick, clinker and flint. 0.90 - 1.30 ES 1.60 - 1.70 ES PID=8 1.70 MADE GROUND 1.70 - 1.80 ES Soft dark brown/black slightly gravelly CLAY. 1 85 Gravel of subangular to subrounded fine to medium brick, clinker and flint. PID=3 2 2.00 - 2.30 ES Soft greyish green slightly gravelly CLAY. Gravel of subangular to subrounded fine shell fragments chalk and orangic matter.
End of borehole at 2.20 m 2.30 3 Remarks

Cleared by Cable Avoidance Tool (CAT). Groundwater encountered as strike at 2.2m bgl.



_	INIA MENTAL CONS	10 Mane 2 Barne	or Coui s Walli m	mental Consulting t s Road		Во	reho	ole Log	WS100 Sheet 1 of	6	
Projec	t Name:			l, Reading	Project No. A10967		Co-ords:	-	Hole Type		
Locati	on:	SSE Control	racting	Ltd, 55 Vastern		ng,	Level:		Scale 1:25		
Client:		Berkely (V					Dates:	18/04/2018 -	Logged By K.D		
	Water	Samples	s and	In Situ Testing	Depth	Level					
Well	Strikes	Depth (m)	Туре	1	(m)	(m)	Legend	Stratum Description	l		
		0.40 - 0.70	ES		0.40			MADE GROUND Concrete. MADE GROUND Red slightly sandy GRAVEL. Sand i coarse. Gravel of subangular to sub to coarse with frequent cobble cont End of borehole at 0.70 m	rounded fine	- - - - - - - - - - - - - - - - - - -	
										2	



Remarks
Cleared by Cable Avoidance Tool (CAT).
No groundwater encountered.
Hole terminated due to obstruction at 0.70m bgl.



5 -

Omnia Environmental Consulting Borehole No. 10 Manor Court **Borehole Log OMNIA** 2 Barnes Wallis Road **WS107** Fareham PO15 5TH Sheet 1 of 1 Project No. Hole Type Project Name: 55 Vastern Road, Reading Co-ords: A10967 WS SSE Contracting Ltd, 55 Vastern Road, Reading, Berkshire, RG1 8BU Scale Location: Level: 1:25 Logged By 18/04/2018 -Client: Berkely (Western) Homes Dates: K.D Samples and In Situ Testing Water Depth Level Legend Stratum Description Strikes (m) Depth (m) Туре MADE GROUND PID=0 Brown slightly silty gravelly fine to coarse SAND. 0.10 - 0.40 ES Gravel of subangular to subrounded fine to coarse with frequent cobble content of brick and concrete. PID=0 0.50 - 1.00 ES 1.00 - 1.50 ES PID=1 1.50 POOR RECOVERY BETWEEN 1.50- 2.20M 2 2.20 End of borehole at 2.20 m 3

Remarks

Cleared by Cable Avoidance Tool (CAT)
No groundwater encountered.
Hole terminated due to obstruction at 2.20m bgl.



Omnia Environmental Consulting Borehole No. 10 Manor Court **Borehole Log OMNIA** 2 Barnes Wallis Road **WS108** Fareham PO15 5TH Sheet 1 of 1 Project No. Hole Type Project Name: 55 Vastern Road, Reading Co-ords: A10967 WS Scale SSE Contracting Ltd, 55 Vastern Road, Reading, Location: Level: Berkshire, RG1 8BU 1:25 Logged By Dates: Client: Berkely (Western) Homes 18/04/2018 -K.D Samples and In Situ Testing Water Depth Level Legend Stratum Description Strikes (m) Depth (m) Туре 0.05 MADE GROUND PID=0 Asphalt cover. 0.10 - 0.30 ES MADE GROUND Brown slightly clayey gravelly fine to coarse SAND. Gravel of subangular to subrounded fine to coarse brick, concrete and flint. PID=0 0.50 - 0.70ES PID=0 0.90 - 1.20 ES PID=3 1.20 - 1.50 ES PID=6 1.50 1.50 - 1.70 ES Firm greyish green slightly silty slightly gravelly CLAY. Gravel of subangular to subrounded fine flint and orangic material. PID=0 1.80 - 2.00 ES 2.00 - 2.50 ES 2 2.50 End of borehole at 2.50 m 3

Remarks

Cleared by Cable Avoidance Tool (CAT). No groundwater encountered



5

Omnia Environmental Consulting Borehole No. 10 Manor Court **Borehole Log OMNIA** 2 Barnes Wallis Road WS109 Fareham PO15 5TH Sheet 1 of 1 Project No. Hole Type Project Name: 55 Vastern Road, Reading Co-ords: A10967 WS Scale SSE Contracting Ltd, 55 Vastern Road, Reading, Location: Level: Berkshire, RG1 8BU 1:25 Logged By 18/04/2018 -Client: Berkely (Western) Homes Dates: K.D Samples and In Situ Testing Water Depth Level Well Legend Stratum Description Strikes (m) Depth (m) Туре 0.05 MADE GROUND PID=6 Asphalt cover 0.10 - 0.30 ES MADE GROUND Brown slightly silty gravelly fine to coarse SAND. Gravel of subangular to subrounded fine to coarse with frequent cobble content of brick, asphalt and concrete. PID=2 0.30 - 0.60 ES PID=0 0.60 - 0.90 ES 1.00 End of borehole at 1.00 m 2 3

Remarks

Cleared by Cable Avoidance Tool (CAT). No groundwater encountered. Hole terminated due to obstruction at 1.00m bgl.





Approximate Window Sample WS101 Probehole Location



SITE BOUNDARY CABLE PERCUSSION BOREHOLE LOCATION WINDOW SAMPLE LOCATION HISTORICAL BOREHOLE LOCATION (GEL, 2014) SURFACE WATER SAMPLING LOCATION ROTARY CORED BOREHOLE LOCATION TRIAL PITLOCATION INSPECTION PIT LOCATION

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Job Title:

Client:

Project No:

ENVIRONMENTAL CONSULTING

55 Vastern Road, Reading

Berkeley (Western) Homes

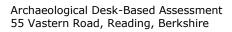
Scale:

Notes:

K.Duggan A10967 25/04/2018 T.Mitchell

Drawing Title:

Figure 3.1 All Intrusive Locations



APPENDIX TWO: Gazetteer of data from the Berkshire Historic Environment Record/Historic England Archive

CgMs Limited 25311/CC

MonUID	PrefRef	RecordType	Name	Summary	MonType	Period
MRM15994	MRM15994	MON	The Vastern Road Brook - Vastern Road to Kings Meadow, Reading, Berkshire	A storm/flood culvert that runs alongside the north of Vastern Road to Kings Meadow.	CULVERT; SLUICE	Post Medieval to Modern
MRD6042	05053.09.000	MON	Reading Station to Tilehurst Station	Railway line between Reading Station and Tilehurst Station.	RAILWAY	Post Medieval to Modern
MRD6048	05053.12.000	MON	Reading to Reading West Station	Section of railway between Reading Station and Reading West Station.	RAILWAY	Post Medieval to Modern
MRM16042	MRM16042	MON	Possible Civil War defences ditch at 25- 26 Friar Street Reading, Berkshire	An undated ditch which possibly represents a remnant of the Civil War defences of Reading.	DITCH	Unknown
MRD6024	05053.00.000	MON	Great Western Railway (GWR) - London to Reading Station	By 1840 The Great Western Railway ran from London to Reading.	RAILWAY	Post Medieval
MRD15611	RD15611	MON	Former St. Pauls Church, York Road, Reading, Berkshire	The church was constructed in 1902 and was built by local architect William Hooper Lewton (1856-1914). It was demolished in 2001.	CHURCH	Modern
MRD6122	05055.01.000	MON	Reading to Mortimer Station, Berkshire	Section of Basingstoke branch railway line between Reading and Mortimer Station.	RAILWAY	Post Medieval to Modern
MRM16715	MRM16715	MON	Caversham Road Underbridge, Reading, Berkshire	Steel girder railway underbridge, constructed c. 1890s.	RAILWAY BRIDGE	Post Medieval
MRD1398	01022.12.000	MON	St Laurence's and hospitium - Reading, Berkshire	A hospital for thirteen poor persons was founded by the Abbey in the 1190's. It stood to the north of St Laurence's Church.	CHAPEL; HOSPITAL	Medieval
MRD15564	RD15564	MON	St Laurence Church, Reading, Berkshire	St Laurence Church was founded during the 12th century as the parish church for the people of east Reading.	CHURCH	Medieval

CgMs Limited 25311/CC

MRD15735	RD15735	MON	Medieval features and multi-period finds - rear of 1 Friar Street, Reading, Berkshire	Multi-period finds and elements of a medieval building were identified during an archaeological excavation at the rear of 1 Friar Street, Reading.	FINDSPOT; FINDSPOT; FINDSPOT; FLOOR; DRAIN; WALL; FINDSPOT	Early Bronze Age to Post Medieval
MRD15735	RD15735	MON	Medieval features and multi-period finds - rear of 1 Friar Street, Reading, Berkshire	Multi-period finds and elements of a medieval building were identified during an archaeological excavation at the rear of 1 Friar Street, Reading.	FINDSPOT; FINDSPOT; FINDSPOT; FLOOR; DRAIN; WALL; FINDSPOT	Early Bronze Age to Post Medieval
MRD15462	06454.00.000	BLD	The Boar's Head, Friar Street, Reading, Berkshire	Unlisted public house possibly dating back to the 15th century. Now demolished and re-developed.	PUBLIC HOUSE; BREWERY; CARRIERS PREMISES	Medieval to Modern
MRD15703	RD15703	MON	Civil War Defences at Reading, Berkshire	Civil War Defences as shown on the 1643 siege of Reading map.	DITCH	Post Medieval
MRM16013	MRM16013	MON	12th-14th century medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	A number of features and finds indicating medieval backland activity were revealed at this site off Friar Street.	HEARTH; PIT; DITCH; POST HOLE	Medieval
MRM16013	MRM16013	MON	12th-14th century medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	A number of features and finds indicating medieval backland activity were revealed at this site off Friar Street.	HEARTH; PIT; DITCH; POST HOLE	Medieval
MRM16014	MRM16014	MON	14th -16th century medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	Late-medieval to early post-medieval features were revealed during an archaeological investigations.	PIT; CELLAR?; QUARRY?; DITCH?	Medieval to Post Medieval
MRD1374	01022.00.000	MON	Reading Abbey, Reading, Berkshire	Benedictine monastery founded in 1121 and consecrated as Cluniac monastery in 1164 by Henry I.	BENEDICTINE MONASTERY; CLUNIAC MONASTERY	Medieval
MRD6125	05056.00.000	MON	South Eastern and Chatham Railway - Reading line	The South Eastern and Chatham Railway had a line to Reading.	RAILWAY	Post Medieval
MRD15633	RD15633	MON	Danish Defences? Reading, Berkshire	The possible line of Danish Defences.	DEFENCE WORK	Saxon

CgMs Limited 25311/CC

MRM16558	MRM16558	MON	Medieval/early post-medieval feature - Station Hill, Reading, Berkshire	During archaeological investigations, a medieval or early post-medieval feature was identified cut into the natural gravel.	ARCHAEOLOGICAL FEATURE	Medieval to Post Medieval
MRM16784	MRM16784	MON	Medieval deposits and artefacts - Friar Street, Reading, Berkshire	Layers of medieval material of 14th to 15th century date, including leather shoe parts were revealed during repairs to the road in Friar Street.	OCCUPATION LAYER; FINDSPOT	Medieval
MRM18235	MRM18235	MON	Undated linear feature at Station Hill, Reading, Berkshire	An undated linear feature was revealed during an archaeological evaluation at Station Hill (Plots B and D). No dating was recovered but it may be medieval or post-medieval in date.	DITCH	Unknown
MRD15493	06506.01.001	MON	Medieval hearth - 172 Friar Street, Reading, Berkshire	A ring of scorched silt, interpreted as a hearth was discovered during an archaeological excavation.	HEARTH	Medieval
MRD15496	06506.00.000	MON	Phases of occupation - 172 Friar Street, Reading, Berkshire	Excavation at 172 Friar Street indicated four phases of occupation on the site.	SITE; SITE; SITE; SITE	Medieval to Modern
MRD15495	06506.01.000	MON	Medieval occupation layer - 172 Friar Street, Reading, Berkshire	A 13th/14th century occupation layer with 2 hearths and a robbed out brick feature.	SITE	Medieval
MRD6571	02071.01.000	MON	Post-medieval linear ditch at Vastern Road, Reading, Berkshire	V-shaped linear ditch containing post- medieval porcelain and earthenware.	DITCH	Post Medieval to Modern
MRD6573	02071.01.200	MON	Cinders and hoggin layer - Vastern Road, Reading, Berkshire	A layer of cinders and hoggin containing ceramic drainpipe was revealed during an archaeological evaluation.	FEATURE	Post Medieval

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MRD3891	02092.00.000	MON	Burial near the engine sheds at Reading Station, Reading, Berkshire	In 1831, a burial of a man and a horse, together with an 8th century sword was discovered near the engine sheds at Reading Station.	GRAVE	Saxon
MRD1303	00994.00.000	MON	Pile dwelling and finds at Clappers Island, Reading, Berkshire	A piled timber dwelling and Mesolithic and Neolithic finds at Clappers Island.	PILE; FINDSPOT; FINDSPOT	Prehistoric
MRD1398	01022.12.000	MON	St Laurence's and hospitium - Reading, Berkshire	A hospital for thirteen poor persons was founded by the Abbey in the 1190's. It stood to the north of St Laurence's Church.	CHAPEL; HOSPITAL	Medieval
MRD3931	02113.07.000	MON	New Street/Friar Street, Reading, Berkshire	New Street/Friar Street was first documented in 1186.	ROAD	Medieval to Modern
MRD3943	02113.15.000	MON	St Laurence's School, Reading, Berkshire	In 1468 at the request of Edward IV a grammar school was established in buildings formerly part of the Hospital of St Laurence. The upper floor was used as a town hall from 1560.	GRAMMAR SCHOOL	Medieval to Post Medieval
MRD3964	02114.29.000	MON	Wall at Blagrave Street, Reading, Berkshire	An undated flint wall was revealed under the service yards of the Grand Hotel.	WALL	Unknown
MRD3988	02114.11.010	MON	Former Victoria Buildings, Reading, Berkshire	The Victoria Buildings (shops, offices and warehouse) fronting Blagrave Street and Valpy Street were demolished in 1975.	BUILDING	Post Medieval to Modern
MRD3989	02114.11.020	MON	Well at Reading Chronicle Building, Valpy Street, Reading	A post-medieval well was found whilst renovating a floor beneath the Reading Chronicle Building.	WELL	Post Medieval
MRD6289	04143.00.000	MON	The Forbury Garden, Reading, Berkshire	Mid C19 public garden, 2ha, occupying part of former site of Reading Abbey.	ORNAMENTAL GARDEN; PUBLIC PARK	Post Medieval to Modern

MRD7368	02113.12.200	MON	Victorian well at 5 Greyfriars Road, Reading, Berkshire	A Victorian well was revealed during an archaeological evaluation at 5 Greyfriars Road, Reading, Berkshire.	WELL	Post Medieval
MRD15563	RD15563	MON	Reading Abbey - Hospitium	The Hospitium of St. John the Baptist for 13 poor people founded by the Abbey in the 1190s.	HOSPITAL; WALL; FINDSPOT	Medieval
MRD7305	01022.16.000	MON	Post-medieval features at 21-23 Valpy Street, Reading, Berkshire	A number of Post-medieval features were identified during an archaeological evaluation at 21-23 Valpy Street, Reading.	SITE	Post Medieval
MRD7306	01022.16.001	MON	Robber trench at 21-23 Valpy Street, Reading, Berkshire	A possible 17th-18th century robber trench of a medieval/post-medieval wall at 21-23 Valpy Street, Reading.	ROBBER TRENCH	Post Medieval
MRD7307	01022.16.002	MON	Post hole at 21-23 Valpy Street, Reading, Berkshire	This post hole was probably originally associated with a robbed out structure inside the Abbey precinct.	POST HOLE	Medieval
MRD7308	01022.16.003	MON	Pit at 21-23 Valpy Street, Reading, Berkshire	A possible pit with a single fill containing post-medieval pottery, animal bone and shell.	PIT	Post Medieval
MRD7309	01022.16.004	MON	Pit at 21-23 Valpy Street, Reading, Berkshire	A vertical sided pit with four distinct fills and finds including animal bone, ceramic building material, nails and 17th-18th century pottery.	PIT	Post Medieval
MRM15883	MRM15883	MON	Medieval cemetery in the north-east of the Forbury Gardens, Reading, Berkshire	During archaeological works traces of the probable medieval cemetery were encountered in the north-east of Forbury Gardens.	CEMETERY	Medieval

MRM15883	MRM15883	MON	Medieval cemetery in the north-east of the Forbury Gardens, Reading, Berkshire	During archaeological works traces of the probable medieval cemetery were encountered in the north-east of Forbury Gardens.	CEMETERY	Medieval
MRD3933	02113.07.020	MON	Medieval wall - 7 Greyfriars Road, Reading, Berkshire	Fragmentary remains of the flint and mortar footings of a substantial building, was found in Greyfriars Road.	WALL	Medieval to Unknown
MRD1385	01022.08.110	MON	The Plummery Wall, Reading Abbey, Berkshire	A 17m stretch of the Plummery Wall was revealed during the construction of a roundabout.	WALL	Medieval
MRD1386	01022.08.200	MON	Pits near the Plummery Wall, Reading Abbey, Berkshire	Pits revealed near the Plummery Wall were probably used for gravel and chalk required in the construction of the wall and the North Gate.	PIT	Medieval
MRD1387	01022.08.300	MON	Hearths at The Forbury near the Plummery Wall, Reading, Berkshire	Two burnt clay hearths, not in-situ were noted in a section during an archaeological excavation at the Plummery Wall.	HEARTH	Medieval
MRD1388	01022.08.400	MON	Inhumations near The Plummery Wall, Reading, Berkshire	Human bones from at least three individuals were recovered above a hearth during excavations of a section of the Plummery Wall.	INHUMATION	Saxon
MRM15914	MRM15914	MON	Possible section of Plummery Wall at Forbury Road, Reading, Berkshire	A section of wall located on the northern side of Forbury Road east of the junction with Vastern Road.	WALL	Medieval to Modern
MRM16013	MRM16013	MON	12th-14th century medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	A number of features and finds indicating medieval backland activity were revealed at this site off Friar Street.	HEARTH; PIT; DITCH; POST HOLE	Medieval

			14th -16th century medieval activity at 25-26 Friar Street and Shoesmiths	Late-medieval to early post-medieval features were revealed during an	PIT; CELLAR?;	
MRM16014	MRM16014	MON	Court, Reading, Berkshire	archaeological investigations.	QUARRY?; DITCH?	Medieval to Post Medieval
MRM16015	MRM16015	MON	Vastern Meadows, Reading, Berkshire	Vastern meadows comprised land given to the Friars Minor by the Abbot and Convent of Reading in 1233.	MEADOW	Medieval to Post Medieval
MRM16016	MRM16016	MON	16th - 18th century post-medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	Post-medieval activity in the form of pits and ditches was revealed at this site during archaeological investigations.	DITCH; PIT	Post Medieval
MRM16013	MRM16013	MON	12th-14th century medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	A number of features and finds indicating medieval backland activity were revealed at this site off Friar Street.	HEARTH; PIT; DITCH; POST HOLE	Medieval
MRM16013	MRM16013	MON	12th-14th century medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	A number of features and finds indicating medieval backland activity were revealed at this site off Friar Street.	HEARTH; PIT; DITCH; POST HOLE	Medieval
MRM16013	MRM16013	MON	12th-14th century medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	A number of features and finds indicating medieval backland activity were revealed at this site off Friar Street.	HEARTH; PIT; DITCH; POST HOLE	Medieval
MRM16013	MRM16013	MON	12th-14th century medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	A number of features and finds indicating medieval backland activity were revealed at this site off Friar Street.	HEARTH; PIT; DITCH; POST HOLE	Medieval
MRM16013	MRM16013	MON	12th-14th century medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	A number of features and finds indicating medieval backland activity were revealed at this site off Friar Street.	HEARTH; PIT; DITCH; POST HOLE	Medieval

MRM16013	MRM16013	MON	12th-14th century medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	A number of features and finds indicating medieval backland activity were revealed at this site off Friar Street.	HEARTH; PIT; DITCH; POST HOLE	Medieval
MRM16014	MRM16014	MON	14th -16th century medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	Late-medieval to early post-medieval features were revealed during an archaeological investigations.	PIT; CELLAR?; QUARRY?; DITCH?	Medieval to Post Medieval
MRM16014	MRM16014	MON	14th -16th century medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	Late-medieval to early post-medieval features were revealed during an archaeological investigations.	PIT; CELLAR?; QUARRY?; DITCH?	Medieval to Post Medieval
MRM16014	MRM16014	MON	14th -16th century medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	Late-medieval to early post-medieval features were revealed during an archaeological investigations.	PIT; CELLAR?; QUARRY?; DITCH?	Medieval to Post Medieval
MRM16014	MRM16014	MON	14th -16th century medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	Late-medieval to early post-medieval features were revealed during an archaeological investigations.	PIT; CELLAR?; QUARRY?; DITCH?	Medieval to Post Medieval
MRM16014	MRM16014	MON	14th -16th century medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	Late-medieval to early post-medieval features were revealed during an archaeological investigations.	PIT; CELLAR?; QUARRY?; DITCH?	Medieval to Post Medieval
MRM16014	MRM16014	MON	14th -16th century medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	Late-medieval to early post-medieval features were revealed during an archaeological investigations.	PIT; CELLAR?; QUARRY?; DITCH?	Medieval to Post Medieval
MRM16014	MRM16014	MON	14th -16th century medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	Late-medieval to early post-medieval features were revealed during an archaeological investigations.	PIT; CELLAR?; QUARRY?; DITCH?	Medieval to Post Medieval
MRM16014	MRM16014	MON	14th -16th century medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	Late-medieval to early post-medieval features were revealed during an archaeological investigations.	PIT; CELLAR?; QUARRY?; DITCH?	Medieval to Post Medieval
MRM16014	MRM16014	MON	14th -16th century medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	Late-medieval to early post-medieval features were revealed during an archaeological investigations.	PIT; CELLAR?; QUARRY?; DITCH?	Medieval to Post Medieval

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MRM16014	MRM16014	MON	14th -16th century medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	Late-medieval to early post-medieval features were revealed during an archaeological investigations.	PIT; CELLAR?; QUARRY?; DITCH?	Medieval to Post Medieval
MRM16014	MRM16014	MON	14th -16th century medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	Late-medieval to early post-medieval features were revealed during an archaeological investigations.	PIT; CELLAR?; QUARRY?; DITCH?	Medieval to Post Medieval
MRM16014	MRM16014	MON	14th -16th century medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	Late-medieval to early post-medieval features were revealed during an archaeological investigations.	PIT; CELLAR?; QUARRY?; DITCH?	Medieval to Post Medieval
MRM16016	MRM16016	MON	16th - 18th century post-medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	Post-medieval activity in the form of pits and ditches was revealed at this site during archaeological investigations.	DITCH; PIT	Post Medieval
MRM16016	MRM16016	MON	16th - 18th century post-medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	Post-medieval activity in the form of pits and ditches was revealed at this site during archaeological investigations.	DITCH; PIT	Post Medieval
MRM16016	MRM16016	MON	16th - 18th century post-medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	Post-medieval activity in the form of pits and ditches was revealed at this site during archaeological investigations.	DITCH; PIT	Post Medieval
MRM16016	MRM16016	MON	16th - 18th century post-medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	Post-medieval activity in the form of pits and ditches was revealed at this site during archaeological investigations.	DITCH; PIT	Post Medieval
MRM16016	MRM16016	MON	16th - 18th century post-medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	Post-medieval activity in the form of pits and ditches was revealed at this site during archaeological investigations.	DITCH; PIT	Post Medieval

MRM16016	MRM16016	MON	16th - 18th century post-medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	Post-medieval activity in the form of pits and ditches was revealed at this site during archaeological investigations.	DITCH; PIT	Post Medieval
MRM16016	MRM16016	MON	16th - 18th century post-medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	Post-medieval activity in the form of pits and ditches was revealed at this site during archaeological investigations.	DITCH; PIT	Post Medieval
MRM16016	MRM16016	MON	16th - 18th century post-medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	Post-medieval activity in the form of pits and ditches was revealed at this site during archaeological investigations.	DITCH; PIT	Post Medieval
MRM16016	MRM16016	MON	16th - 18th century post-medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	Post-medieval activity in the form of pits and ditches was revealed at this site during archaeological investigations.	DITCH; PIT	Post Medieval
MRM16016	MRM16016	MON	16th - 18th century post-medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	Post-medieval activity in the form of pits and ditches was revealed at this site during archaeological investigations.	DITCH; PIT	Post Medieval
MRM16016	MRM16016	MON	16th - 18th century post-medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	Post-medieval activity in the form of pits and ditches was revealed at this site during archaeological investigations.	DITCH; PIT	Post Medieval
MRM16016	MRM16016	MON	16th - 18th century post-medieval activity at 25-26 Friar Street and Shoesmiths Court, Reading, Berkshire	Post-medieval activity in the form of pits and ditches was revealed at this site during archaeological investigations.	DITCH; PIT	Post Medieval
MRD3987	02114.11.000	MON	Blagrave Street, Reading, Berkshire	Blagrave Street is a post-medieval street in the centre of Reading.	ROAD	Post Medieval to Modern

MRM16509	MRM16509	MON	Maiwand Memorial, Forbury Gardens, Reading, Berkshire	A Grade II listed monument erected in 1886 to commemorate those who gave their lives for their country at Girisk Maiwand and Kandahar, during the Afghan Campaign 1879-1880.	COMMEMORATIVE MONUMENT; STATUE	Post Medieval
MRM16558	MRM16558	MON	Medieval/early post-medieval feature - Station Hill, Reading, Berkshire	During archaeological investigations, a medieval or early post-medieval feature was identified cut into the natural gravel.	ARCHAEOLOGICAL FEATURE	Medieval to Post Medieval
MRM16767	MRM16767	MON	Prehistoric Land Surface and Palaeochannel (the Plummery Ditch) at Energis House, Forbury Road, Reading	Geoarcheaological work identified a peat horizon, representing a buried land surface, as well as evidence of a Palaeochannel. Based on cartographic analysis this is identified as the Plummery Ditch, depicted on maps until the mid 19th century.	BURIED LAND SURFACE; PALAEOCHANNEL	Lower Palaeolithic to Post Medieval
MRM16797	MRM16797	MON	Samuel Elliott and Sons Ltd - Reading	In 1902 Samuel Elliott set up his own company of joiners and moulders, in buildings and land off Gosbrook Street, Caversham. Elliotts of Reading were primarily involved in the manufacture of shop fronts and fittings. During the 1st World War they manufac	CARPENTERS WORKSHOP; AIRCRAFT FACTORY?; AIRCRAFT FACTORY?	Modern

				Grade II listed Caversham War Memorial		
MRM18221	MRM18221	MON	Caversham War Memorial, Christchurch Meadows, Caversham, Reading	lists the names of members of the local community who died in the First World War, the Second World War and the Afghanistan conflict (2001-2014).	WAR MEMORIAL; WAR MEMORIAL; WAR MEMORIAL	Modern
MRM18319	MRM18319	MON	Cropmark features? - Northernmost field, Christchurch Meadows, Caversham, Reading	Possible cropmark linear features were revealed in this field during the dry summer of 2018.	LINEAR FEATURE?	Unknown
MRD11164	02002.00.000	FS	Mesolithic finds - River Thames at Reading, Berkshire	A tranchet axe, a pick and a blade from the "Thames" at Reading	FINDSPOT	Mesolithic
MRD11185	02021.00.000	FS	Neolithic artefacts - River Thames, Reading, Berkshire	Neolithic axes and a perforated hammer head were dredged from the River Thames at Reading.	FINDSPOT	Early Neolithic to Late Neolithic
MRD11218	02042.00.000	FS	Bronze Age artefacts - River Thames, Reading, Berkshire	Bronze Age artefacts dredged from the River Thames at Reading.	ARTEFACT SCATTER	Bronze Age
MRD11296	02071.00.000	FS	A dupondius of Vespasian - Vastern Road, Reading, Berkshire	A dupondius of Vespasian was found in the sump of a new slipway to the Thames in 1956.	FINDSPOT	Roman
MRD11346	02104.00.000	FS	Early medieval artefacts - River Thames at Reading, Berkshire	Early medieval artefacts were recovered from the River Thames at Reading.	FINDSPOT	Saxon
MRD11395	02122.00.000	FS	Medieval? arrowhead - River Thames at Reading	An arrowhead from the Thames at Reading of suggested 13th-14th century date.	FINDSPOT	Medieval
MRD11401	02132.00.000	FS	17th century sword - River Thames at Reading	A 17th Century bayonet (sword) recovered from the Thames at Reading.	FINDSPOT	Post Medieval
MRD11150	02000.00.000	FS	Mesolithic finds from River Thames at Caversham, Reading, Berkshire	Mesolithic artefacts from the Thames at Caversham.	FINDSPOT	Mesolithic

MRD11202	02029.00.000	FS	Prehistoric finds - River Thames at Caversham, Reading, Berkshire	A prehistoric knife and the butt of a broken flint were recovered from the River Thames at Caversham.	FINDSPOT	Early Mesolithic to Late Neolithic
MRD11227	02043.00.000	FS	Bronze Age spear-head - River Thames opposite Caversham, Reading, Berkshire	Bronze Age spear-head from Thames opposite Caversham.	FINDSPOT	Bronze Age
MRD11228	02043.00.001	FS	Late Neolithic/Early Bronze Age drinking cup - River Thames, Caversham, Berkshire	A basin shaped drinking cup decorated with punctured lines from the Thames at Caversham.	FINDSPOT	Late Neolithic to Early Bronze Age
MRD11235	02047.00.000	FS	Bronze Age axe-head - River Thames, Caversham Lock, Reading, Berkshire	Flanged axe-head from the foundation of Caversham Lock at Reading	FINDSPOT	Late Neolithic to Middle Bronze Age
MRD11181	02017.00.000	FS	Neolithic axe - The Forbury, Reading, Berkshire	A Neolithic axe was found in the Forbury, Reading.	FINDSPOT	Early Neolithic to Late Neolithic
MRD11209	02035.00.000	FS	Neolithic flint axe - St Laurence's Churchyard, Reading, Berkshire	A Neolithic flint axe was found in St Laurence's Churchyard, Reading.	FINDSPOT	Early Neolithic to Late Neolithic
MRD11254	02060.00.000	FS	Iron Age brooch - Friar Street, Reading, Berkshire	An Early Iron Age brooch was found at Friar Street, Reading.	FINDSPOT	Late Bronze Age to Early Iron Age
MRD11262	02061.06.000	FS	Roman coin - Greyfriars Road, Reading	A 3rd brass of Magnentius was found in Greyfriars Road, Reading.	FINDSPOT	Roman
MRD11321	02093.00.000	FS	Iron spearhead - 23 Wolsey Road, Caversham, Berkshire	An iron spearhead found in the garden of 23 Wolsey Road.	FINDSPOT	Saxon to Post Medieval
MRD11367	02113.32.000	FS	Medieval coin - Great Western Hotel, Reading, Berkshire	A silver halfpenny of Edward III was found below the ballroom of the Old Great Western Hotel in Reading.	FINDSPOT	Medieval
MRD11369	02113.34.000	FS	13th century pottery - 10 Queen Victoria Street, Reading, Berkshire	A quantity of 13th century pottery was found 6ft down under no. 10 Queen Victoria Street in Reading.	FINDSPOT	Medieval
MRD11370	02113.35.000	FS	Medieval pottery at Wiston Terrace, Reading, Berkshire	Sherds of medieval pottery, glass, copper gross, clay pipes etc. were found during foundations digging in Wiston Terrace, Reading.	FINDSPOT	Medieval

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MRD11371	02113.36.000	FS	Medieval sherds - New garage near railway station, Reading, Berkshire	Fragments of medieval pottery were found in the foundations of the new garage near the GWR Station.	FINDSPOT	Medieval
MRD11398	02113.39.000	FS	Pilgrim bottle found at Corn Exchange, Reading, Berkshire	A 14-15th century pilgrim's bottle was found during building work at the site of the old Corn Exchange.	FINDSPOT	Medieval
MRD14293	03501.00.000	FS	Cannon ball found near Caversham Bridge, Reading, Berkshire	An iron cannon ball was found during gravel extraction near Caversham Bridge.	FINDSPOT	Post Medieval
MRD3978	02114.07.000	FS	Skeletons and finds - Friar Street, Reading, Berkshire	In 1881 the remains of approximately six skeletons were recovered in Friar Street, Reading. Also found was a Charles I farthing and two brass hand-made pins.	FINDSPOT	Post Medieval to Unknown
MRD9047	00981.00.000	FS	Hand axe - Vachel Road, Reading, Berkshire	An ovate handaxe was found at Vachel Road in 1903.	FINDSPOT	Lower Palaeolithic
MRD9049	00982.00.000	FS	Hand axe at Station Road, Reading, Berkshire	In 1904 a hand axe was found in a drainage trench in Station Road, Reading.	FINDSPOT	Lower Palaeolithic
MRD11365	02113.30.000	FS	Medieval jug - Blagrave Street, Reading, Berkshire	A 12th/13th century jug of red hard ware was found in Blagrave Street, Reading.	FINDSPOT	Medieval
MRD15734	RD15734	FS	Medieval finds at rear of 1 Friar Street, Reading, Berkshire	Pottery of 12th -13th century date was found within an archaeological deposit at rear of 1 Friar Street, Reading.	FINDSPOT	Medieval to Post Medieval
MRM16017	MRM16017	FS	Sherd of Saxon pottery at Shoesmiths Court, Reading, Berkshire	A single sherd of residual Saxon pottery recovered from a Post-medieval pit.	FINDSPOT	Saxon

MRM17606	MRM17606	BLD	Former Ticket Office and Parcel Depot - Reading Station, Reading, Berkshire	The ticket office and parcel depot buildings were built in 1898 and formed part of the Reading Station north. The buildings were demolished post 2011.	BOOKING OFFICE; RAILWAY BUILDING	Post Medieval to Modern
MRM17607	MRM17607	BLD	Former western wing of station buildings - Reading Station, Reading, Berkshire	The former western wing was part of the original formal composition of the Reading General Station building constructed in 1865-8. The building was demolished sometime after 2011.	RAILWAY BUILDING	Post Medieval to Modern
MRM17664	MRM17664	BLD	17-27 Station Road, Reading - site of Baroque Art Nouveau and Flemish style office building	Site of early 20th century Baroque Art Nouveau and Flemish style office building, designed by Joseph Morris. The building was first Grade II listed in 1975, but was demolished in the 1980's or 1990.	OFFICE	Modern
MRM18276	MRM18276	BLD	39 Friar Street, Reading, Berkshire	No. 39 Friar Street was built between 1780 and 1800 as a town house. It has functioned as a private residence, a shop and a bank and more recently as an amusement arcade and a boxing gym, with offices above. The building was listed in 1978 and then due t	TOWN HOUSE; SHOP	Post Medieval to Modern

EvUID	RecordType	Name
ERD21	EVT	Brigham Road, Reading, Berkshire
		Boars Head, 25 Friars Street,
ERD116	EVS	Reading
ERD99	EVT	Tudor Road, Reading, Berkshire

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50004		St. Pauls Church, York Road,
ERD61	EVT	Reading Rear of 1 Friar Street, Reading,
ERD152	EVT	Berkshire
ERM249	EVT	Vastern Road, Reading
		Elliott's Joinery Works Gosbrook
ERD16	EVT	Road, Caversham, Berkshire
		21-23 Valpy Street, Reading,
ERM284	EVP	Berkshire
ERM378	EVP	Land at Patrick Road, Caversham, Berkshire
EKIVI3/0	EVF	Derkstille
		Forbury Gardens Restoration
ERM412	EVT	Project, Reading, Berkshire
EDM440	E) /T	5 Greyfriars Road, Reading,
ERM449	EVT	Berkshire 25-26 Friar Street, Reading,
ERM483	EVT	Berkshire
211111100		
		Forbury Gardens and Abbey Ruins,
ERM228	NVP	Reading, Berkshire
ERM493	EVT	Forbury Roundabout, Reading
ERM500	EVP	Land at Station Hill, Reading
		Shoesmiths Court, Reading,
ERM541	EVT	Berkshire - Area 9
EDMOOO	NIV/D	Abbotsmead, Promenade Road,
ERM988	NVP	Caversham
		Station Hill and Friars Walk, Friar
ERM1320	EVT	Street, Reading, Berkshire
		Station Hill and Friers Walls Frier
ERM1320	EVT	Station Hill and Friars Walk, Friar Street, Reading, Berkshire
LIMITOZO	LVI	Otrock, reading, Borkerine
		Station Hill and Friars Walk, Friar
ERM1320	EVT	Street, Reading, Berkshire
		Station Hill and Friars Walk, Friar
ERM1320	EVT	Street, Reading, Berkshire
		Rear of 1 Friar Street, Reading,
ERD153	EVT	Berkshire
ERD153	EVT	Rear of 1 Friar Street, Reading,

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		Berkshire
		Rear of 1 Friar Street, Reading,
ERD153	EVT	Berkshire
ED14000		21-23 Valpy Street, Reading,
ERM283	EVT	Berkshire 21-23 Valpy Street, Reading,
ERM283	EVT	Berkshire
ENIVIZOS	EVI	21-23 Valpy Street, Reading,
ERM283	EVT	Berkshire
21111200		Land at 5-21 Tudor Road, Reading,
ERM1401	NVP	Berkshire
		Geoarchaeological Borehole
		Investigations, Energis House,
ERM1434	EVT	Reading
EDN4440		Friar Street road repair, Reading,
ERM1449	EVT	Berkshire
		Land at Abbotsmead Place,
ERM1539	NVP	Caversham, Berkshire
EDM4500	NIV/D	Land at Abbotsmead Place,
ERM1539	NVP	Caversham, Berkshire
		Land at Abbotsmead Place,
ERM1539	NVP	Caversham, Berkshire
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
EDM4520	NIV/D	Land at Abbotsmead Place,
ERM1539	NVP	Caversham, Berkshire
		Aldwych House, Blagrave Street,
ERM1566	NVP	Reading, Berkshire
ERM1566	NVP	Aldwych House, Blagrave Street, Reading, Berkshire
EKIVI1300	INVE	Reading, berkstille
		Aldwych House, Blagrave Street,
ERM1566	NVP	Reading, Berkshire
		Aldwych House, Blagrave Street,
ERM1632	NVP	Reading, Berkshire
LIMITOOL	1401	reading, bollaring
		Station Hill and Friars Walk (Plots B
ERM1955	EVT	& D), Friar Street, Reading

ERM1955	EVT	Station Hill and Friars Walk (Plots B & D), Friar Street, Reading
ERM1955	EVT	Station Hill and Friars Walk (Plots B & D), Friar Street, Reading
ERM2113	NVP	Caversham Flood Risk Management Reading: Archaeological Watching Brief
ERM2157	NVP	King's Meadow Lido Kings Meadow Road Reading
ERM2157	NVP	King's Meadow Lido Kings Meadow Road Reading
ERM2157	NVP	King's Meadow Lido Kings Meadow Road Reading
ERM2157	NVP	King's Meadow Lido Kings Meadow Road Reading
ERM2167	EVT	St Laurence's Churchyard, The Forbury, Reading - Archaeological Watching Brief
ERD27	EVT	172 Friar Street, Reading

HOB_UID	NAME	DESCRIPTIO
244963		Well found in St Mary's Butts, flint-lined, and thought to be earlier than Mediaeval.
245049	ST ANNS CHAPEL	Site of a chapel extant in 1258 and demolished in 1714.
245159		Possible Danish Camp c AD 870-71 - site uncertain

1348373	ASSIZES COURT	Assize Courts of 1861 said to be by J B Clacy. The building is in a Baroque revival style in channelled Bath stone ashlar. It is two-storeys high with 2 1/2 storey corner pavilions which break forward.
1416062		Remains of Second World War air raid shelter at Caversham Church School.
244997		DA ? spearhead
245076		Ro coin
245153	TOWN COUNCIL CHAMBER AND OFFICES	Built from 1872 to 1875 by Alfred Waterhouse. It is in the French Gothic style and has two storeys and an attic and a tower of five storeys over the entrance lobby. Built in red and grey brick with terracotta ornaments.
1050681		A Lower Palaeolithic handaxe was found in 1903 at Vachel Road, Reading, in area of Taplow Gravel geology.
1130015	COUNTY GAOL	In 1784 the decision was taken to build another county gaol on a new site north of the river Kennet, between Forbury Road and the Abbey Grounds. The architect was Robert William Furze Brettingham. The gaol was ready for occupation in September 1786. Foll

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1157926	CONGREGATIONAL CHURCH	Congregational church built in 1662. Included as a Listed building for its interior. The chapel itself is set well back in a courtyard at the rear and the rebuilding in 1800 is probably the two storey range of brick with hipped slate roof. The exterior,
1485439	KING STREET BAPTIST CHAPEL	Founded in Church Street 1640, removed to Hosier Street 1752; and to this spot 1834; enlarged 1858; further enlarged 1861. Front probably 1834. Ashlar. 2 storeys. 5 bays separated by Doric pilasters on impost-height plinth with niches, Doric entablatur
		An Iron Age coin of Cominius and Roman
244919		potsherds were found in the Market Place. Reading in 1927.
245080		Romano-British coin found at Greyfriars Road.
245157		Nineteenth century archway connecting Forbury Garden to Reading Abbey Ruins.
1050683		A Lower Palaeolithic handaxe was found in drainage trenches in 1904 at Station Road, Reading, in an area of Taplow Gravels geology.

1155907		Revetted stone channel, interpreted as a mill overflow, found in excavation. Evidently disturbed within Medieval deposits were quantities of disarticulated human remains. The latter, although undated, may be associated with the Saxon burials found in Cr
1554157	BATTLE OF READING	The site of the Battle of Reading is located in the City of Reading. The battle was fought in 871 AD between King Aethelred of Wessex and his brother Alfred and a Viking army. The Viking army were encamped at Reading where they were met by Aethelred whom
1311976	FORMER POLICE STATION AND MAGISTRATES COURTS	Built in 1896 by S Slingsby Stallwood. The former police station was originally the British Dairy Institute and the former magistrates courts were originally part of Reading University. The current use of these buildings is unknown. The police station
509815	160 FRIAR STREET	House, built in the early 18th century, altered early 18th century.
1573091	ABBEY MILL	Abbey Mills, Reading, (Project No 09) was a small capacity country mill which was built in the 1800s using the remains of an earlier watermill on the Holy Brook, a channel of the River Kennet. The Mill originally belonged to Reading Abbey, whose monks ar

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245110		A flint graver was found in the back garden of 283 Gosbrook Road by Mr T H Dixon in May 1963.
1115155	15 GUN STREET	An L-shaped building, consisting of two-storeys with a three-bay range parallel to the street and an equivalent range orientated at right-angles to the rear. It is a timber-framed structure with brick infill in the panels (where they survive), with a stu
1129743	HMRC READING	In 1842 it was decided to rebuild Reading County Gaol and House of Correction on the same site. The winning design was by George Gilbert Scott and William Bonython Moffat. The new gaol was constructed between 1842 and 1844, having cells for 250 men and w
1345647	READING TRADES UNION CLUB	Trades Union Club and number 56 Minster Street. The Trades union Club is a mid 19th century building of three storeys, with five bays. It is built of Bath stone with a moulded cornice over the gournd floor and a cill band to the second floor. The slate r
1484295	KINGS ROAD BAPTIST CHAPEL	Baptist Chapel, originally founded in Church Street 1640, removed to Hosier Street 1752, and to this spot in 1834, to the design of John James Cooper. It was enlarged in 1858 and further enlarged in 1861. Ashlar. 2 storeys. 5 bays separated by Doric pi
509814	22 THE FORBURY	Built circa 1700, altered mid 18th century.

	Two Neolithic flint axes, one polished, were found in April 1882 together with the remains of oak logs during the digging of a trench in an angle of a small island which lies between an arm of the Thames known as "The Clappers", and a smaller branch of t
	A late 9th century inhumation was found in St Mary's churchyard in 1839. The inhumation was situated in a coffin and accompanied by hoard of silver coins of circa 875AD.
	Romano-British coin found at Broad Streets, possibly from the site of the Vaudeville Theatre.
ABBEY GATE	Built C12-14th, remodelled entirely by Sir George Gilbert Scott in 1861. Two-storied with central archway.
	Pre-C13th well found in Cross Street in 1983. Subsequently used as a cess and rubbish pit.
THE FORMER VOTES FOR	The former 'Votes for Women' shop located at No. 39 West Street, Reading, was opened in July 1910. Whether this building still exists hasn't been determined from available evidence. The WSPU was the women's suffrage organisation known for their militant

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244939		An Early Bronze Age flanged axehead was apparently found during excavations of the foundations of Caversham Lock shortly before 1881. It has been suggested to be in Salisbury Museum. Certainly there is a similar axe in Salisbury Museum (see SU 77 SW 25)
244975		A ninth cemetery inhumation accompanied by a sword and a horse were recovered from ballast pits 100 yards east of the old engine sheds at Reading station in 1831. The sword pommel is thought to be an advanced Scandinavian `Gripping Beast' style of the 8
245089		5 Ro coins, poss. part of a hoard, 1 RB axehead
		A bank built in the 1870s which is of three storeys in five bays. It has a stone faced ground floor with rusticated piers between the bays. The large entrance on the left is in pink and grey polished granite with a segmental pediment, carved
1368118	LLOYDS TSB BANK	tympanum a
1537774	CORN EXCHANGE ARCADE ENTRANCE	The entrance campanile is all that remains of the Corn Exchange of 1854 by J B Clacy and F Hawker. Renaissance style single bay feature in Bath stone ashlar. 3 stages capped by pepperpot turret with bell and weathervane. Lower stage has rusticated piers

976784	READING GUILDFORD AND REIGATE BRANCH LINE	The Reading, Guildford and Reigate Company was incorporated in 1846 to build 46 miles of line between Reading and Redhill on the London - Brighton trunk line. In 1852 the independent company was vested in the SER. The route was complex. New track was lai
1359288	GREAT WESTERN RAILWAY	Brunel's Great Western Railway between London and Bristol, opened as a broad gauge railway on 30th June 1841, the Swindon - Bristol Section being converted to narrow gauge in 1872, mixed gauge in use from Swindon to Paddington. The latter section was not
1341177	RIVER THAMES NAVIGATION	River navigation between Lechlade and Teddington. The Lechlade-Oxford section is 30 miles long with 11 locks. The Oxford-Wallingford section is 23 miles long with 8 locks. The Wallingford-Reading section is 17 miles long with 5 locks. The Reading-Maidenh
1359015	BERKS AND HANTS BRANCH RAILWAY	Branch railway opened in 1847 between Reading and Hungerford. The Berks and Hants Railway was born of the railway mania of 1845 when new lines linking the Midlands and the South were being created. A company, nominally independent of the GWR, was create

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1050759		Palaeolithic implements including 11 handaxes, 2 roughouts, 3 cores, 22 retouched flakes, 15 flakes and 4 miscellaneous objects were found in the Reading area.
500722	READING STATION	Railway station, one of the original stations built on the Great Western Railway, opened in 1840. Enlargement and remodelling of I K Brunel's original station of circa 1840. Italianate details. 2 storey symmetrical main building. Listed Grade II.
244966	ST JOHNS HOSPITAL AND GRAMMAR SCHOOL	Also referred to as St Laurence's Hospital. Hospital founded in the late 12th century, becoming a grammar school in 1486, the upper floor being used as the Town Hall from 1560.
245062	READING MINSTER OF ST MARY THE VIRGIN	Reading Minster of St Mary the Virgin, the oldest ecclesiastical foundation in Reading, is, along with St Lawrence's, one of Reading's ecclesiastical landmarks, largely attributed to its distinctive chequerwork construction of flint and ashlar. It is kn

1356221	THE ORACLE	A regional shopping centre, designed by Haskoll and Company, situated on a 22 acre site which comprised derelict land immediately to the south of the town centre, some had been the site of Simond's Brewery (Monument HOB UID 1561915) which had been establ
245136		A Bronze Age spearhead found in Reading (precise provenance unknown) is in Reading Museum.
245137		A Bronze Age spearhead was found in Reading. Present location unknown.
1439790	KINGS MEADOW WOMENS POOL	The women's pool in King's Meadow was built in 1902. It was designed by A Collins and John Bower. It has changing cubicles and is surrounded by all sides by high walls with a loggia of iron poles. It was originally fed by the Thames River but in the 1950
544539	CAVERSHAM BAPTIST FREE CHURCH	Built 1875-77 by the architect Alfred Waterhouse, in the Gothic style. Built of red brick, with stone capped plinth and inner window reveals and grey blue brick decoration. The roof is of banded tile. There is also decorative use of the brickwork, with h
1050707		A Palaeolithic levallois flake was found in Caversham Road, Reading in an area of Floodplain Alluvium geology.
244987		Gold stater of Cunobelinus said to have been found in Reading.

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245032		Barbed-and-tanged flint arrowhead found at Reading.
245039		Neolithic or Bronze Age stone and flint implements from the Thames at or near Reading.
1484303	CONGREGATIONAL CHAPEL	Congregational Chapel, built in 1800 on the site of the former meeting house which had been used since 1717. Exterior from Broad Street (Nos 89 and 89A) is the annexe of 1892. 2 and 4 storeys. Red brick. 3 unequal bays with 3 windows, tower and 2 wind
245155	THE OBELISK	1804. Portland stone fluted obelisk designed by Sir John Soane; at the expense of Edward Simeon.
513042		Late C17th house
1106119	FORBURY GARDEN	Public gardens developed on of the site of Reading Abbey. The gardens comprise two areas, the pleasure gardens situated within the area of the Inner Court and Forbury Hill and Forbury Green. The area of Inner Court and Forbury Hill was laid out by Charle
513040	22-26 CHAIN STREET	The site was previously occupied by the Charity Schol, founded by John Hall in 1696. The 22 Chain Street building was formely known as the Reading Dispensary (this organisation was founded in 1802). Built 1874-49, probably by Mr. John Billing. In the st

245124		An Early Bronze Age decorated flanged axehead was donated to Reading Museum (accession number 14:68) by Salisbury Museum, where it is recorded as having been found near Reading in 1850.
245166		Reading was the site of a mint during the reign of Edward the Confessor.
244967	FORBURY HILL	Circular mound 2.0 metres high situated on a good position on a northern facing slope overlooking the River Thames. Its original purpose or date is not known, but it was incorporated into a garden design during the mid 19th century. Possibly a Civil War
245022	ST MARY MAGDALENES HOSPITAL	Leper hospital built in 1134 not far from the Inner Gateway, it was demolished in 1479 and the foundations removed to make way for the Assize Court.
245059	READING GREYFRIARS	Franciscan Friary. Founded 1233 near the Thames, on waste land on the highway to Caversham, but moved to this site circa 1285. Dissolved 1538 and converted to a guildhall. Used as the town bridewell in the 18th century. Restored as a church in 1863, plan

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1208587		A minster was extant in the 870's at Reading when a member of the Danish `Great Army' was buried in the minster churchyard with a packet of coins. Apparently, for some time the minster was a nunnery. It may have been ransacked in 1006 when the Danes occu
245065	ST LAWRENCES CHURCH	Norman-15th century with excessive restoration of 1867. Plan of 15th century West tower, 12th century nave with Norman window and door, chancel restored 1867.
1066693	DELLWOOD MATERNITY HOME	Maternity hospital established in 1920 in an existing house. The building is of two storeys and constructed of brick.
245128		A Neolithic stone axe was found in the River Thames at The Clappers, near Reading. It is in Reading Museum (accession number 83:47).
245139	READING	Medieval and later town. First documented in 870 when the Danes wintered there, it was a town by 1086. It was an important monastic centre, and the Abbey founded by Henty 11 stimulated the growth of the town. It was dislocated by the Civil War and in
519746	HOUSE ON ORTS ROAD	Two-storey house of possible C20 date.

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244960	READING ABBEY	The ruined remains of a Benedictine monastery, which was founded 1121 by Henry I and suppressed in 1539 by Henry VIII who used it as a royal house. It was originally intended to be England's finest Cluniac House, but transferred its allegiance to the Ben
1231237		A possible Bronze Age round barrow is visible as cropmarks on aerial photographs. It is defined by a ring ditch with a diameter of 12m.
1356221	THE ORACLE	A regional shopping centre, designed by Haskoll and Company, situated on a 22 acre site which comprised derelict land immediately to the south of the town centre, some had been the site of Simond's Brewery (Monument HOB UID 1561915) which had been establ
513043	17-19 LONDON STREET	Early to mid C16th house
244978		Early Bronze Age decorated flanged axe found near Reading. It is in the Brackstone Collection in Salisbury Museum.
245165		A timber bridge at Caversham which existed by 1231. It was replaced in 1827.
500723	READING SOUTH STATION	Site of railway station, original terminus of the Reading, Guildford and Reigate branch railway, opened in 1852 and closed in 1855.

1439784	KINGS MEADOW MENS POOL	The men's pool in King's Meadow dates to 1860. It was built by Jenkins. The pool had changing cubicles. The pool was fed by water from the river and had a concrete tank. It was closed in the 1960s and subsequently demolished.
527671	ODEON CINEMA	The Odeon at Reading, opened in 1937, was was designed by AP Starkey and his assistant Frederick Adkins. Seating 1,704, it was their largest cinema and was sited next to the Palace Theatre which Oscar Deutsch had purchased in October 1935 together with

ACT_UID	NAME	DESCRIPTIO
637319	READING ABBEY	
1359578	7-8 BROAD STREET (MARKET WAY)	
1393932	29-35 STATION ROAD	
1396913	FORBURY GARDENS AND ABBEY RUINS	Site code: FGR03. Monitoring of tree removal groundworks recorded no significant archaeological activity. Information from OASIS Online Form. NMR Microfilm Index; PRN: 12666.
1433171	FORMER BOOTS BUILDING, 90- 93 BROAD STREET. PHASE 1 72-80 GEORGE STREET, CAVERSHAM	

1541039	LAND AT HMP READING	A watching brief was maintained during groundworks at the site, recording elements of the early prison.
		Site code: TRR11. Evaluation trenching recorded no archaeological activity. Information from OASIS
1570592	LAND AT 5-21 TUDOR ROAD	Online Form.
1600882	ABBOTSMEAD PLACE, CAVERSHAM	
		Site code: FGR15. During relocation of a Spanish Civil War Memorial, no in situ remains of archaeological interest were observed, but fragments of medieval pottery were retrieved from relatively recent made ground. Information from
1605282	LAND AT FORBURY GARDENS	OASIS Online Form.
637322	READING ABBEY	
652519	ASSIZE COURTS	
652527	OLD SHIRE HALL	
1173998	PROPOSED MARKS AND SPENCERS, FRIAR STREET	
1353416	LAND AT 90-93 BROAD STREET/5-12 CHAIN STREET	
1575545	FRIAR STREET ROAD REPAIR	Site code: FSR13. Monitoring of groundworks for the scheme recorded 14th-15th century deposits containing a collection of leather shoe parts and offcuts indicative of a production site nearby. Accession no: REDMG:2013.281. Information from OASIS Online F

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1620497	ST. LAWRENCE'S CHURCHYARD, THE FORBURY	Site code: STLC15. An archaeological watching brief was undertaken by Cotswold Archaeology during the renovation of a 70m long Georgian retaining wall at St Laurence's Church, The Forbury, Reading. A compacted flint surface was discovered. At the north e
637326	READING ABBEY STABLES (READING LIBRARY)	
652366	READING ABBEY CLOISTERS	
652524	FORBURY ROAD	
1043750	VASTERN ROAD	
1084755	UNITED REFORMED CHURCH, READING	
1084995	5 GREYFRIARS ROAD	
1085567	ABBOTSMEAD, CAVERSHAM FORBURY HOUSE, THE	
1212396	FORBURY	
1350574	25-26A FRIAR STREET	
1435009	90-93 BROAD STREET (PHASE I)	
1446045	TRAFALGAR HOUSE, RICHFIELD AVENUE	Site code: RETH06. Evaluation in advance of proposed residential redevelopment recorded 20th century deposits only. Accession no: 2006.635. Information from OASIS Online Form. NMR Microfilm Index; PRN: 12483.

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1488223	ST JAMES CHURCH, READING	Site code: JCW08. Monitoring of groundworks for a new boundary wall recorded no significant archaeological activity. Information from OASIS Online Form.
1491482	LAND AT PATRICK ROAD, CAVERSHAM	
1584577	ALDWYCH HOUSE, BLAGRAVE STREET	
637225	VICARAGE SITE,ST MARY BUTT'S	
637325	READING ABBEY WHARF (PHASES I & II)	
652517	17-23 KINGS STREET	
654188	HOLYBROOK	
1044234	READING ABBEY CLOISTERS	
1212427	REAR OF 1 FRIAR STREET	Site code: RFS 98/71. Small-scale excavation following evaluation (Event 1326443) of a small plot to the rear of No 1 recorded structures thought to be part of the hospitium of Reading Abbey. Funded by Blandy & Blandy, Solicitors. NMR Microfilm Index;
1214608	MARKS AND SPENCERS, FRIAR STREET (PHASE 2)	
1222285	21-23 VALPY STREET	
1352053	LAND OFF BRIGHAM ROAD	
1450025	THE LION PUBLIC HOUSE, GREAT KNOLLYS STREET	

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1506862	173-175 FRIAR STREET	
1533320	ALDWYCH HOUSE, BLAGRAVE STREET	
1553917	GREYFRIAR'S DAY NURSERY, 64 FRIAR STREET	Site code: RGFS10. Six test-pits excavated, revealing a single inhumation and later well. Information from OASIS Online Form.
1608503	GREYFRIARS CHURCH, FRIAR STREET	Site code: GFS12. The archaeological evaluation revealed the presence of Medieval and Postmedieval/ Modern stratified deposits within the site. A large cut feature [3019], present within Trench 3, probably dated to the Medieval period, although its form
1608506	GREYFRIARS CHURCH, FRIAR STREET	This project consists of an investigation of the potential for archaeological remains to survive on land at Greyfriars Church, Reading, Berkshire (NGR SU 7123 7359), for which there is a proposal to re-develop. The area has seen activity from the prehist
637202	ST EDMUND'S CHAPEL/ST EDMOND'S CHAPEL	
637321	READING ABBEY	
651878	CROSS STREET	
1085437	ST MARY'S CHURCHYARD	
1146332	ELLIOT'S JOINERY WORKS SITE, GOSBROOK ROAD, CAVERSHAM	
1348741	READING GREYFRIARS CHURCH	
1385579	CHESTNUT WALK	

1404607	LAND AT ARREV COLLARS	
1404607	LAND AT ABBEY SQUARE	
1481844	29-35 STATION ROAD	
1520717	THE FORBURY/ABBEY STREET	Site code: FCT09. Monitoring of cabling groundworks recorded no significant archaeological activity. Information from OASIS Online Form.
1610399	LAND AT ABBEY SQUARE	Site code: ASR04. The site was located on the southern slope of a small hill. It had been subject to limited archaeological investigation in the 1960's, the results of which indicated the presence of a Medieval mill, which served the abbey. A number of e
1611407	READING ABBEY GATEHOUSE	Site code: RAG13. The archaeological works comprised the monitoring of two investigation pits within Reading Abbey gatehouse. These were excavated during groundworks to expose and repair damaged drainage pipes. The watching brief exposed the ceramic drai
1618207	LAND AT CAVERSHAM FAS	
652369	27 KINGS ROAD	
1308750	FORBURY HOUSE, THE FORBURY	
1385580	LAND OFF TUDOR ROAD	
1389645	FORBURY GARDENS	
1400839	FORBURY HOUSE	
1433726	7-8 BROAD STREET (MARKET WAY)	

1452219	THE VICARAGE, 64 FRIAR STREET	Site code: VFR06. Monitoring of development groundworks recorded no significant archaeological activity. Information from OASIS Online Form.
	FORMER NCP CAR PARK,	Site code: 67900. Evaluation and subsequent watching brief recorded no archaeology at the site.
1520632	FORBURY ROAD	NRM Microfilm Index; PRN: 12773.
4504045		Site code: REFR07. Evaluation, excavation and watching brief in advance of development of the area recorded significant medieval and postmedieval activity.
1524245	173-175 FRIAR STREET	NMR Microfilm Index; PRN: 13262.
1582785	ABBOTSMEAD PLACE, CAVERSHAM	Site code: W79690. Four trenches excavated, recording no archaeological activity. Information from OASIS Online Form.
1600883	ROYAL MAIL SORTING OFFICE, CAVERSHAM ROAD	
1611455	READING ABBEY RUINS	Monitoring of groundworks for new fencing at the Abbey remains recorded no archaeological activity.
637324	READING ABBEY WHARF	
652365	READING ABBEY STABLES	
652368	NAPIER ROAD, KINGS MEADOW	
652516	RICHFIELD AVENUE	

1043748	READING ASSIZE COURTS	
		Site code: RFS 98/71. Small-scale evaluation in advance of proposed office extension recorded significant medieval and post medieval features and finds and was followed by an excavation (Event 1212427). Funded by Blandy & Blandy, Solicitors.
1326443	REAR OF 1 FRIAR STREET	NMR Microf
1404667	LAND AT ABBEY SQUARE	
1433172	90-93 BROAD STREET. PHASE 2	
1456633	ST LAWRENCE'S CHURCHYARD, THE FORBURY	Site code: 62060. NMR Microfilm Index PRN: 10356.
1513222	CHURCHYARD OF ST LAURENCE'S, THE FORBURY	A watching brief was maintained during groundworks at the site. The extant 18th century wall of the church was noted to be built upon the remains of an earlier flint wall.
1519623	5-21 TUDOR ROAD	
1597677	ALDWYCH HOUSE, BLAGRAVE STREET	Site code: AHR13. No deposits of archaeological interest were observed in the small area of the site that had not been truncated by a previous basement carpark. Information from OASIS Online Form.
637320	READING ABBEY	
637323	READING ABBEY	

652371	READING ABBEY, PLUMMERY WALL	
1220710	21-23 VALPY STREET	
1308736	21-23 VALPY STREET	
1404438	ST MARY'S ABBEY, FORBURY GARDENS	
1434390	FORBURY GARDENS RESTORATION PROJECT	
1604657	LAND REAR OF 55-56 ST. MARY BUTTS	
1610589	LAND AT ABBEY SQUARE	Site code: BR-ABB02. A watching brief took place during redevelopment of Abbey Mills House, Abbey Square Reading between Nov 2006 and March 2009 to investigate areas where an earlier archaeological evaluation in 2004 was unable to obtain access to and to
1621268	KING'S MEADOW LIDO	Site code: KML15. No archaeologically significant finds or features were observed. Information from OASIS Online Form.
1115171	UNIVERSITY OF READING HISTORIC BUILDINGS RECORDING	Monument location data applied to aid retrieval 2019.

