

Site Details:

34, NASSAU ROAD, BARNES,
LONDON, RICHMOND UPON
THAMES, SW13 9QE

Client Ref: GWPR5909
Report Ref: GS-R7I-VE4-EA3-BPT
Grid Ref: 521771, 176566

Map Name: Provisional

Map date: 1962

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1958
Revised 1962
Edition 1958
Copyright 1958
Levelled N/A



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Client Ref: GWPR5909
Report Ref: GS-R7I-VE4-EA3-BPT
Grid Ref: 521771, 176566

Map Name: Provisional

Map date: 1967

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1967
Revised 1967
Edition N/A
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Levelled N/A

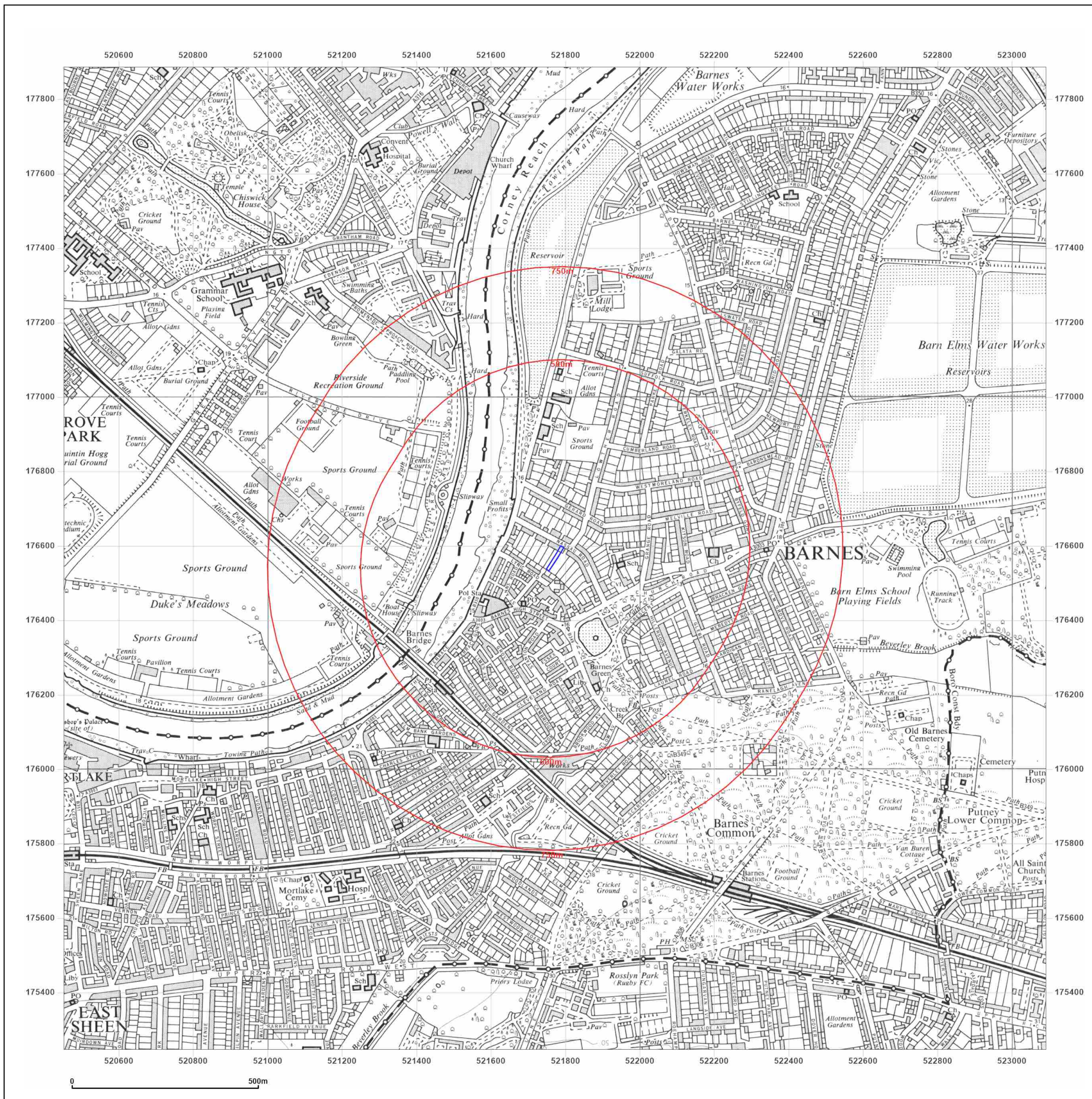


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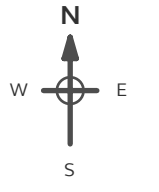


Site Details:

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THAMES, SW13 9QE

Client Ref: GWPR5909
Report Ref: GS-R7I-VE4-EA3-BPT
Grid Ref: 521771, 176566

Map Name: National Grid
Map date: 1974
Scale: 1:10,000
Printed at: 1:10,000



Surveyed 1974
Revised 1974
Edition N/A
Copyright N/A
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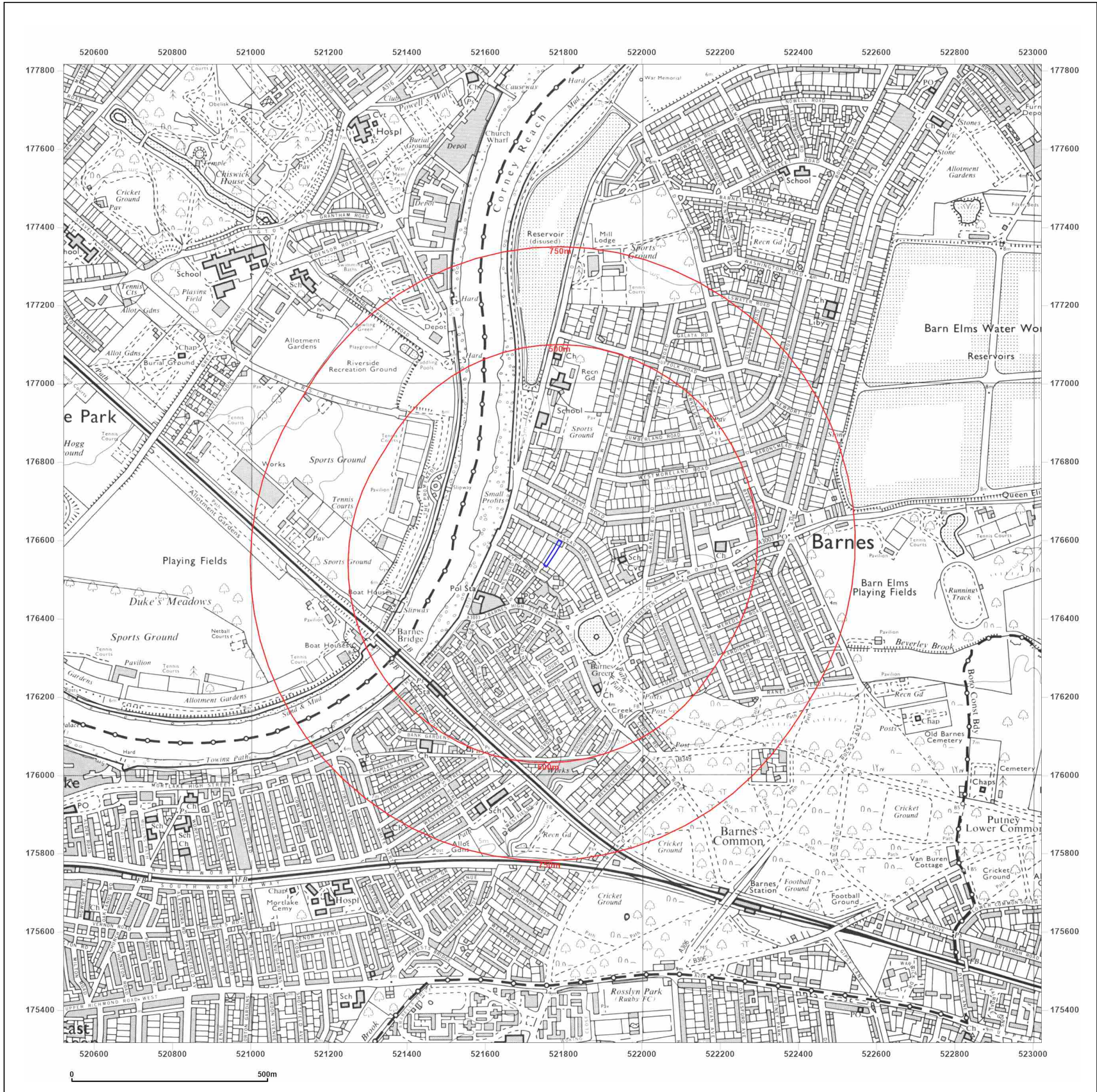


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Client Ref: GWPR5909
Report Ref: GS-R7I-VE4-EA3-BPT
Grid Ref: 521771, 176566

Map Name: National Grid

Map date: 1987

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1981
Revised 1987
Edition N/A
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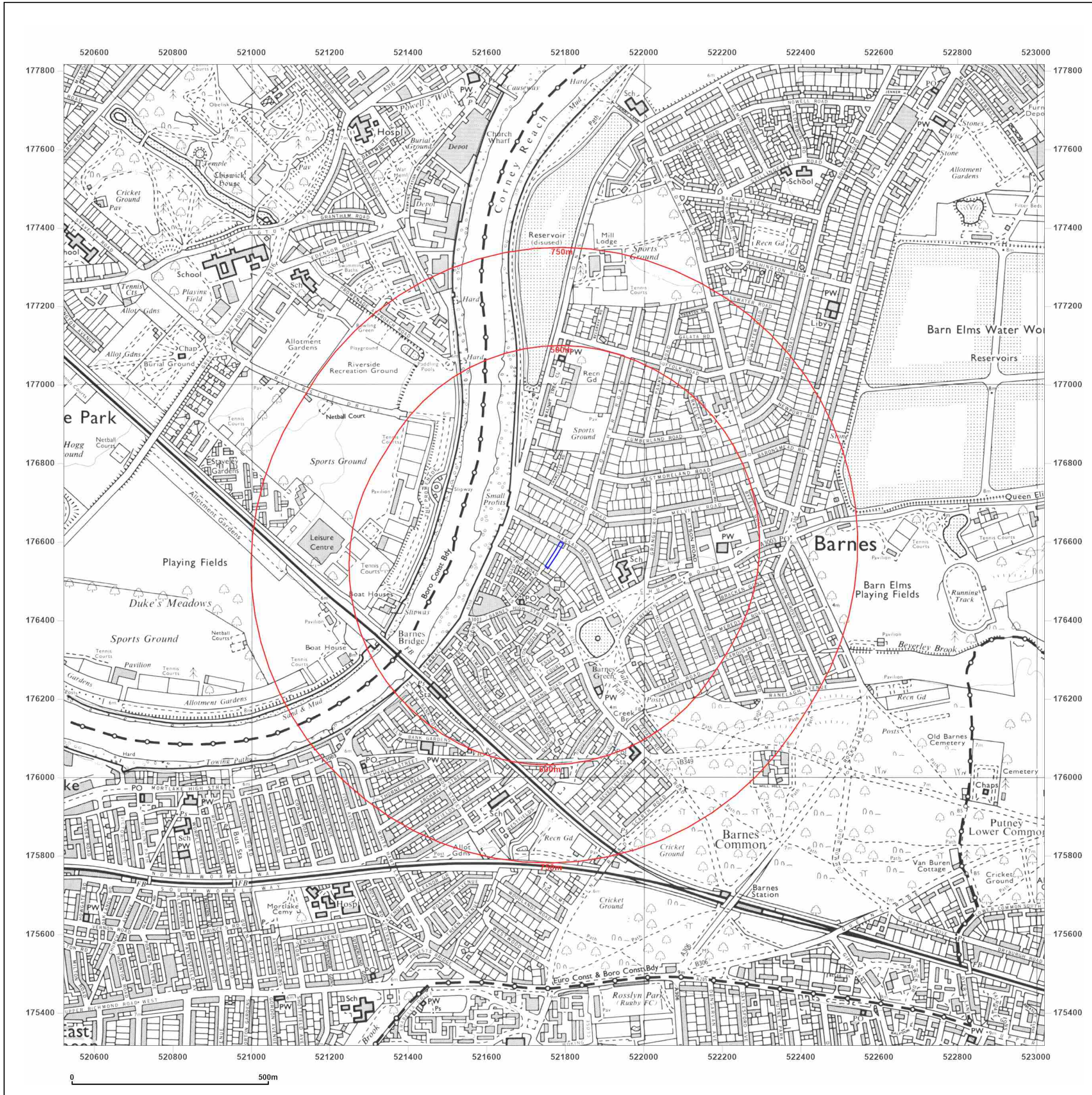


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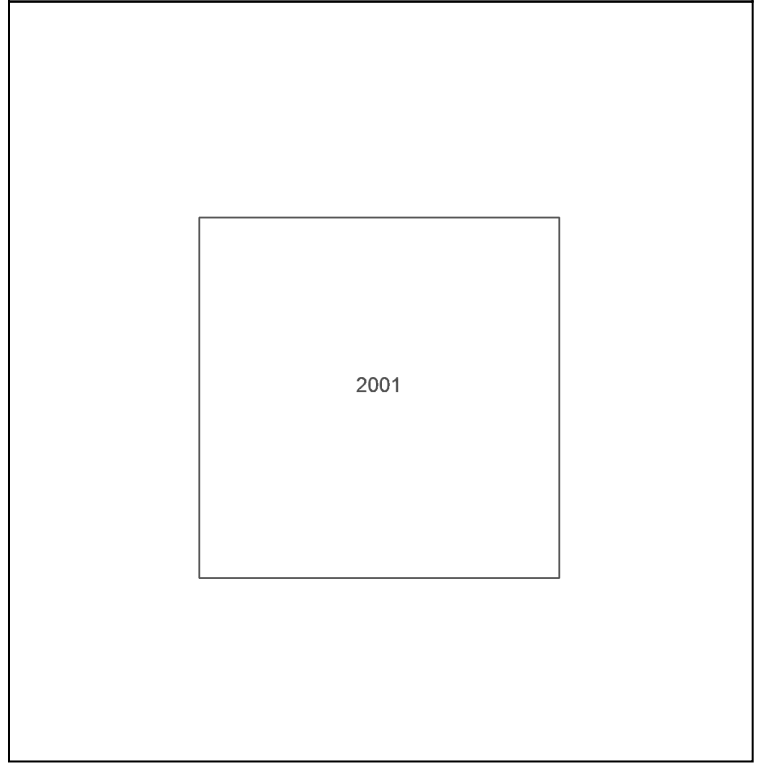


Site Details:

34, NASSAU ROAD, BARNES,
LONDON, RICHMOND UPON
THAMES, SW13 9QE

Client Ref: GWPR5909
Report Ref: GS-R7I-VE4-EA3-BPT
Grid Ref: 521771, 176566

Map Name: National Grid
Map date: 2001
Scale: 1:10,000
Printed at: 1:10,000

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Site Details:

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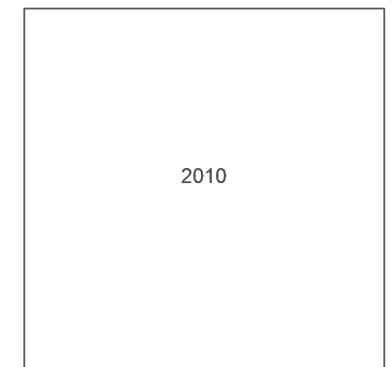
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Map Name: National Grid

Map date: 2010

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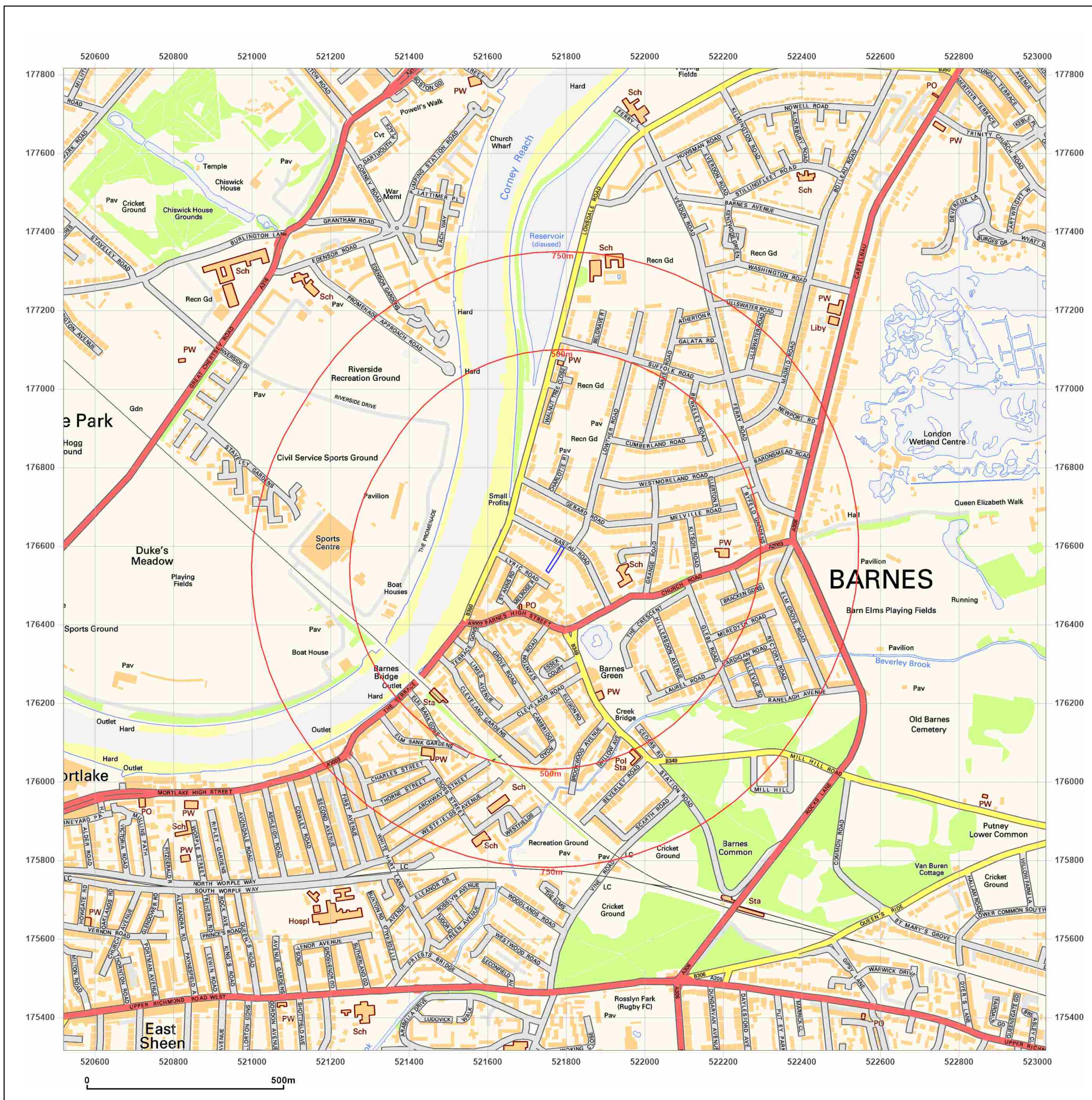


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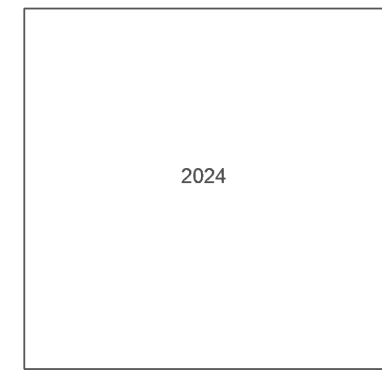
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Report Ref: GS-R7I-VE4-EA3-BPT
Grid Ref: 521771, 176566

Map Name: National Grid

Map date: 2024

Scale: 1:10,000

Printed at: 1:10,000

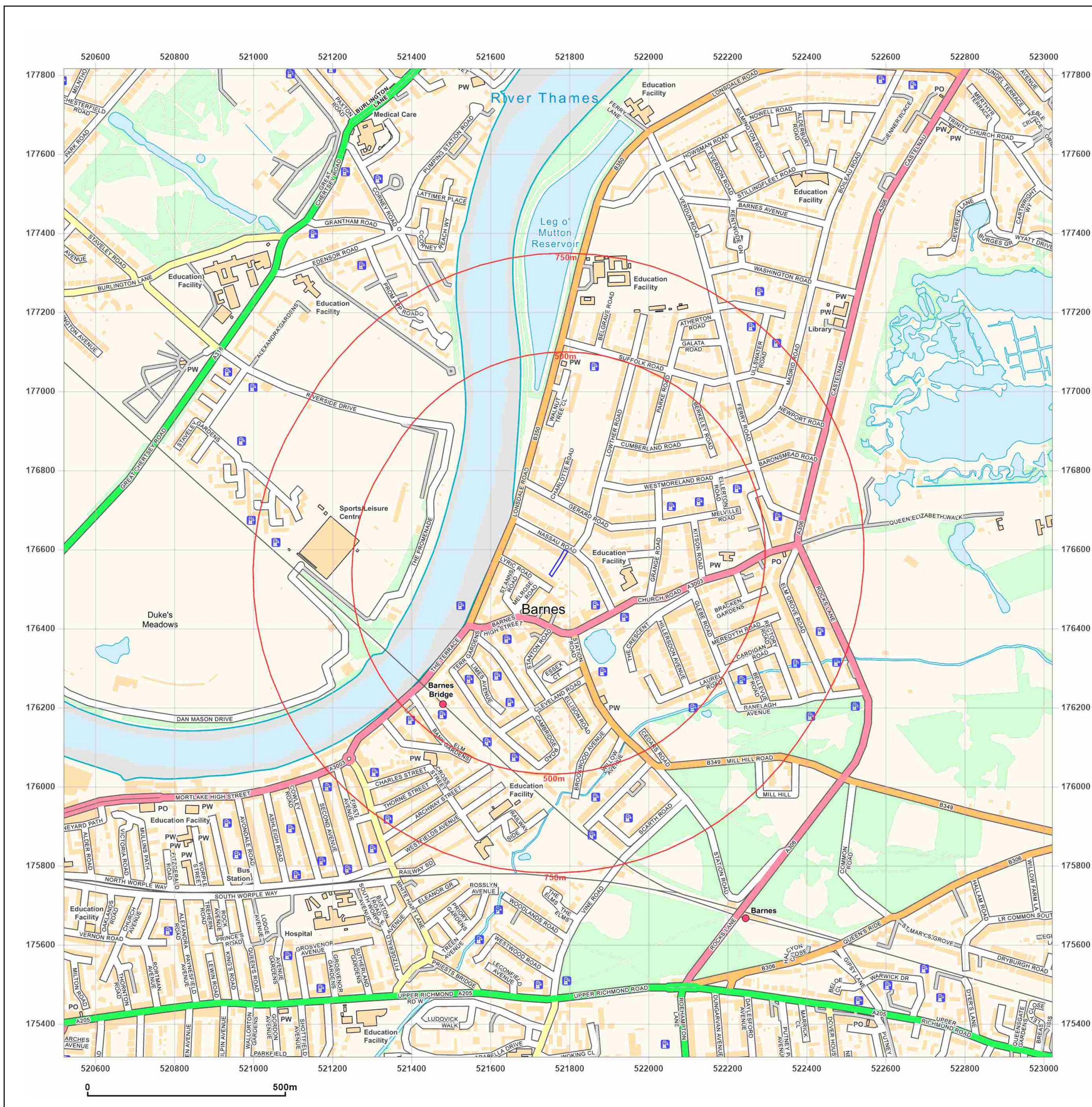


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APPENDIX D: Trial Hole Logs



Percussion Drilling Log

Project Name: 34 Nassau Road		Client: Tom Richards		Date:	
Location: SW13 9QE		Contractor:			
Project No. : GWPR5909		Crew Name:		Drilling Equipment:	
Borehole Number WS01	Hole Type WLS	Level	Logged By	Scale 1:50	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.20	D				MADE GROUND: Dark brown sandy gravelly CLAY. Sand is fine. gravel is fine to coarse, angular to sub-rounded of flint (80%), brick (15%) and chalk (5%).	1	
		0.50	D						
		0.80	D						
		1.00	D					Orange brown very sandy CLAY. Sand is fine. (KEMPTON PARK GRAVEL MEMBER).	
		1.20	SPT	N=28 (11,7/7,7,7,7)	1.20				
		1.50	D					Light brown very sandy GRAVEL. Sand is fine to coarse. Gravel is fine to coarse, angular to sub-rounded of flint. (KEMPTON PARK GRAVEL MEMBER).	2
		2.00	D						
		2.00	SPT	27 (25,24/27,,)	1.80				
		2.50	D					End of Borehole at 3.000m	3
		3.00	D						
	3.00	SPT	N=47 (18,12/11,12,12,12)	3.00					
								4	
								5	
								6	
								7	
								8	
								9	
								10	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks
 Roots noted to 1.20
 Groundwater noted at 2.90m bgl





Percussion Drilling Log

Project Name: 34 Nassau Road		Client: Tom Richards		Date:	
Location: SW13 9QE		Contractor:			
Project No. : GWPR5909		Crew Name:		Drilling Equipment:	
Borehole Number WS02	Hole Type WLS	Level	Logged By	Scale 1:50	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.20	D				MADE GROUND: Dark brown sandy gravelly CLAY. Sand is fine. gravel is fine to coarse, angular to sub-rounded of flint (80%), brick (15%) and chalk (5%).	1	
		0.50	D						
		0.80	D						
		1.00	D						
		1.20	SPT	N=21 (6,4/4,5,6,6)	1.20		Orange brown very sandy CLAY. Sand is fine. (KEMPTON PARK GRAVEL MEMBER).	2	
		1.50	D						
		2.00	D						
		2.00	SPT	27 (25,22/27,,)	2.20		Light brown very sandy GRAVEL. Sand is fine to coarse. Gravel is fine to coarse, angular to sub-rounded of flint. (KEMPTON PARK GRAVEL MEMBER).	3	
		2.50	D						
		3.00	D						
	3.00	SPT	N=52 (20,11/12,14,13,13)					4	
	3.50	D						5	
	4.00	D		4.00			End of Borehole at 4.000m	6	
								7	
								8	
								9	
								10	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks
 Roots noted to 1.50. Groundwater noted at 2.80m bgl.
 No SPT at 4.00m bgl due to sands filling up casing.





Probe Log

Probe No
DP02
Sheet 1 of 2

Project Name: 34 Nassau Road	Project No. GWPR5909	Co-ords:	Hole Type DP
Location: SW13 9QE		Level:	Scale 1:25
Client: Tom Richards		Dates:	Logged By

Depth (m)	Blows/100mm																								Torque (Nm)
	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	
1																									
2																									
3																									
4																									
	14																								
	14																								
	11																								
	10																								
	10																								
	9																								
	9																								
	9																								
	8																								

Remarks:	Fall Height	500	Cone Base Diameter	
	Hammer Wt	64	Final Depth	7.00
	Probe Type	DPSH- A		





Probe Log

Probe No
DP02
Sheet 2 of 2

Project Name: 34 Nassau Road

Project No.
GWPR5909

Co-ords:

Hole Type
DP

Location: SW13 9QE

Level:

Scale
1:25

Client: Tom Richards

Dates:

Logged By

Depth (m)	Blows/100mm																							Torque (Nm)		
	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46		48	
9	9																									
8	8																									
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9																										
9																										

Remarks:	Fall Height	500	Cone Base Diameter	
	Hammer Wt	64	Final Depth	7.00
	Probe Type	DPSH- A		



APPENDIX E: Geotechnical Laboratory Testing



2788

Laboratory Report



Contract Number: 71779

Client Ref: **GWPR5909**

Client PO: **GWPR5909**

Date Received: **19-03-2024**

Date Completed: **28-03-2024**

Report Date: **28-03-2024**

Client: **Ground and Water Limited**

This report has been checked and approved by:

Contract Title: **34 Nassau Road SW13 9QE**

For the attention of: **Adam Young**

B. Evans

Brendan Evans
Office Administrator

Description	Qty
Moisture Content BS 1377:1990 - Part 2 : 3.2 - * UKAS	2
1 Point Liquid & Plastic Limit BS 1377:1990 - Part 2 : 4.4 & 5.3 - * UKAS	2
PSD Wet Sieve method BS 1377:1990 - Part 2 : 9.2 - * UKAS	3
Disposal of samples for job	1

Notes: Observations and Interpretations are outside the UKAS Accreditation

* - denotes test included in laboratory scope of accreditation

- denotes test carried out by approved contractor

@ - denotes non accredited tests

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This test report/certificate shall not be reproduced except in full, without the approval of GEO Site & Testing Services Ltd. Any opinions or interpretations stated - within this report/certificate are excluded from the laboratories UKAS accreditation.

Approved Signatories:

Brendan Evans (Office Administrator) - Darren Bourne (Quality Senior Technician) - Paul Evans (Director)

Richard John (Quality/Technical Manager) - Shaun Jones (Laboratory manager) - Shaun Thomas (Site Manager)

Wayne Honey (HR & HSE Manager)

GEO Site & Testing Services Ltd

Unit 3-4 Heol Aur, Dafen Ind Est, Llanelli, Carmarthenshire SA14 8QN

Tel: 01554 784 040 Fax: 01554 784 040 info@gstl.co.uk https://gstl.co.uk



**NATURAL MOISTURE, LIQUID LIMIT, PLASTIC LIMIT AND
PLASTICITY INDEX
(BS 1377:1990 - Part 2 : 4.4 & 5.3)**

Contract Number	71779	
Project Name	34 Nassau Road SW13 9QE	
Date Tested	27/03/2024	
	DESCRIPTIONS	

Sample/Hole Reference	Sample Number	Sample Type	Depth (m)		Descriptions
WS01		D	1.50	-	Brown sandy fine to coarse gravelly silty CLAY
WS02		D	2.00	-	Brown fine to coarse gravelly silty CLAY
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
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				-	
				-	
				-	
				-	
				-	
				-	

Operator
Owain Davies

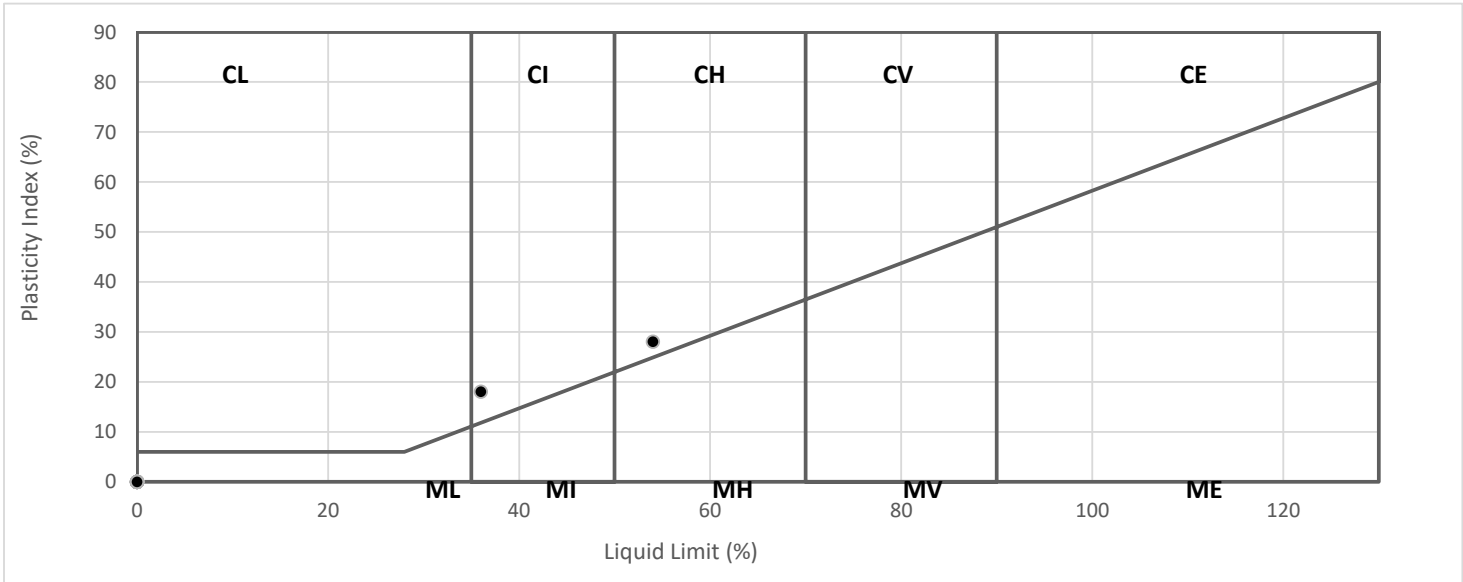
NATURAL MOISTURE, LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX
(BS 1377:1990 - Part 2 : 4.4 & 5.3)

Contract Number	71779
Project Name	34 Nassau Road SW13 9QE
Date Tested	27/03/2024

Sample/Hole Reference	Sample Number	Sample Type	Depth (m)	Moisture Content %	Liquid Limit %	Plastic Limit %	Plasticity index %	Passing 0.425mm %	Remarks
WS01		D	1.50	21	36	18	18	74	CI Intermediate Plasticity
WS02		D	2.00	29	54	26	28	76	CH High Plasticity

Symbols: NP : Non Plastic

: Liquid Limit and Plastic Limit Wet Sieved

PLASTICITY CHART FOR CASAGRANDE CLASSIFICATION
BS 5930:2015+A1:2020


Operator
Owain Davies





**PARTICLE SIZE DISTRIBUTION
BS 1377 Part 2:1990
Wet Sieve, Clause 9.2**

Contract Number 71779

Borehole/Pit No. WS01

Project Name 34 Nassau Road SW13 9QE

Sample No.

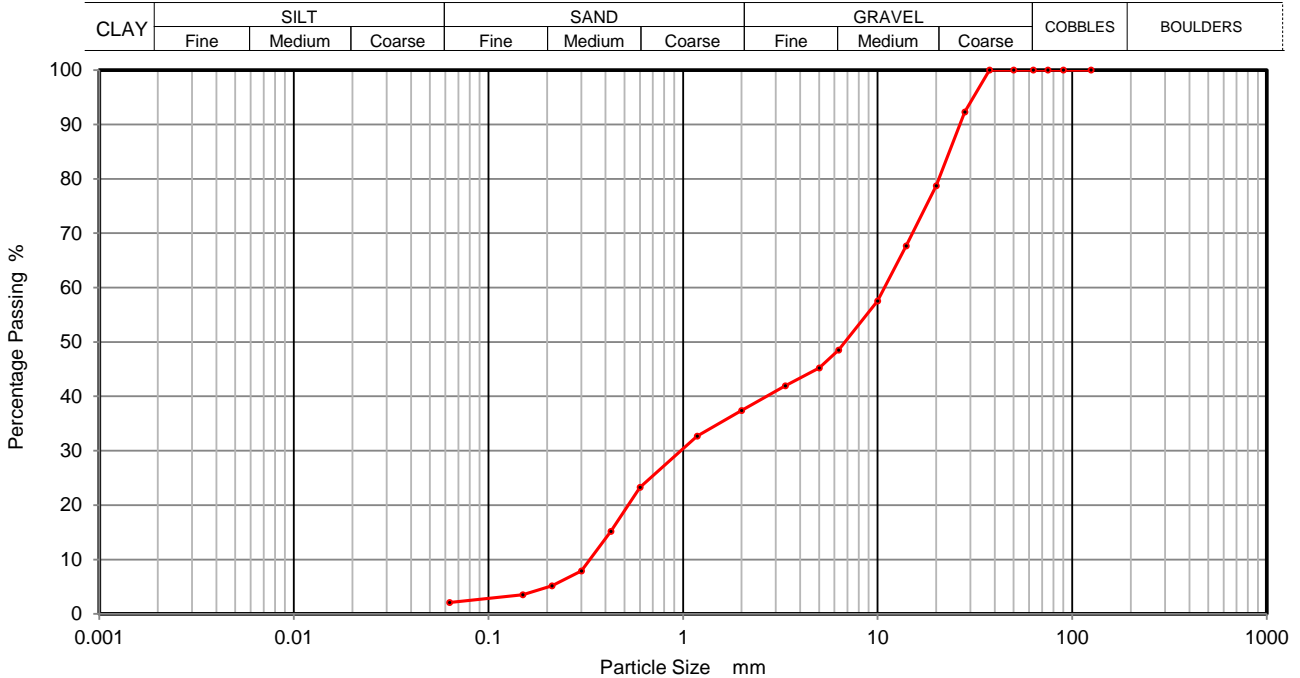
Soil Description Brown slightly silty/ clayey fine to coarse sandy fine to coarse GRAVEL

Depth Top 3.00

Depth Base

Date Tested 26/03/2024

Sample Type D



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	100		
28	92		
20	79		
14	68		
10	58		
6.3	49		
5	45		
3.35	42		
2	37		
1.18	33		
0.6	23		
0.425	15		
0.3	8		
0.212	5		
0.15	4		
0.063	2		

Sample Proportions	% dry mass
Cobbles	0
Gravel	63
Sand	35
Silt and Clay	2

Remarks
Preparation and testing in accordance with BS1377 unless noted below

Operator
Cameron Thomas





**PARTICLE SIZE DISTRIBUTION
BS 1377 Part 2:1990
Wet Sieve, Clause 9.2**

Contract Number 71779

Borehole/Pit No. WS02

Project Name 34 Nassau Road SW13 9QE

Sample No.

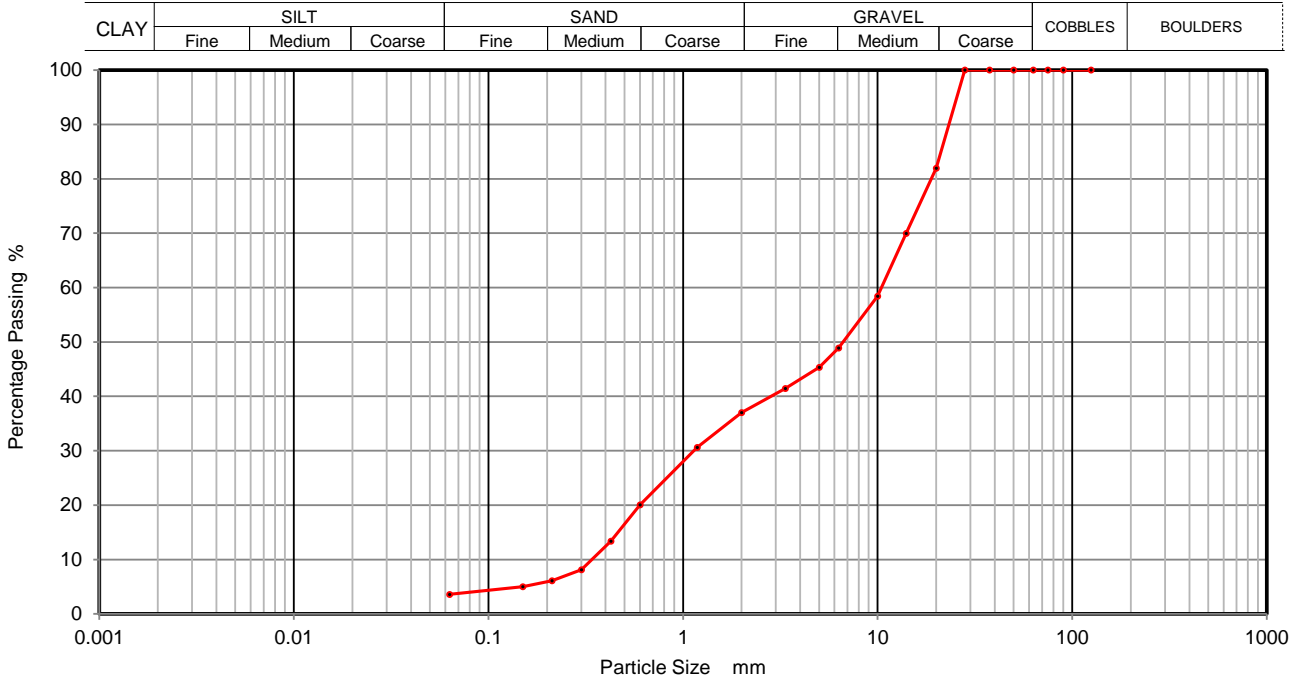
Soil Description Brown slightly silty/ clayey fine to coarse sandy fine to coarse GRAVEL

Depth Top 2.50

Depth Base

Date Tested 26/03/2024

Sample Type D



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	100		
28	100		
20	82		
14	70		
10	58		
6.3	49		
5	45		
3.35	41		
2	37		
1.18	31		
0.6	20		
0.425	13		
0.3	8		
0.212	6		
0.15	5		
0.063	4		

Sample Proportions	% dry mass
Cobbles	0
Gravel	63
Sand	33
Silt and Clay	4

Remarks
Preparation and testing in accordance with BS1377 unless noted below

Operator
Cameron Thomas





**PARTICLE SIZE DISTRIBUTION
BS 1377 Part 2:1990
Wet Sieve, Clause 9.2**

Contract Number 71779

Borehole/Pit No. WS02

Project Name 34 Nassau Road SW13 9QE

Sample No.

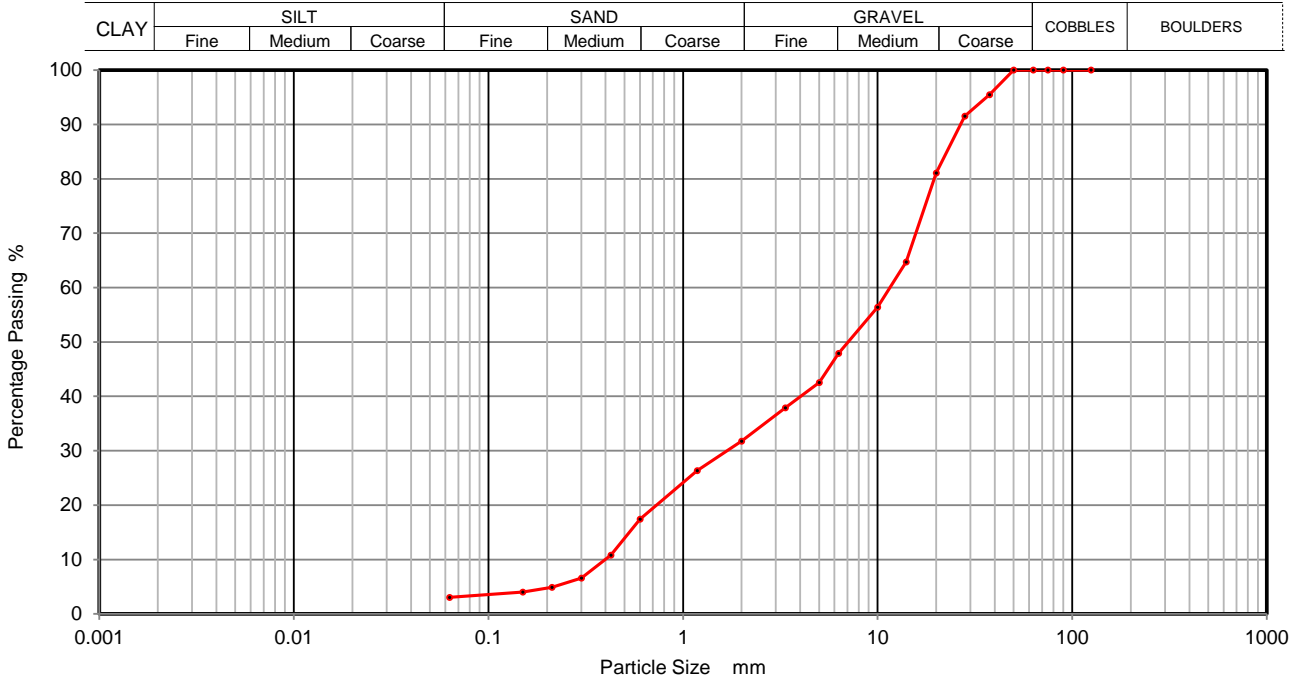
Soil Description Brown slightly silty/ clayey fine to coarse sandy fine to coarse GRAVEL

Depth Top 4.00

Depth Base

Date Tested 26/03/2024

Sample Type D



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	95		
28	92		
20	81		
14	65		
10	56		
6.3	48		
5	43		
3.35	38		
2	32		
1.18	26		
0.6	17		
0.425	11		
0.3	7		
0.212	5		
0.15	4		
0.063	3		

Sample Proportions	% dry mass
Cobbles	0
Gravel	68
Sand	29
Silt and Clay	3

Remarks
Preparation and testing in accordance with BS1377 unless noted below

Operator
Cameron Thomas



APPENDIX F: Chemical Laboratory Testing