

21.2 Underground railways (Non-London)

Records within 250m

0

Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.

This data is sourced from publicly available information by Groundsure.

21.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m

61

Railways and tunnels digitised from historical Ordnance Survey mapping as scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.

Features are displayed on the Railway infrastructure and projects map on **page 97**

Location	Land Use	Year of mapping	Mapping scale
6m NE	Railway Sidings	1920	10560
14m NE	Railway	1933	-
14m NE	Railway	1913	-
17m NE	Railway Sidings	1965	10560
17m NE	Railway Sidings	1974	10000
17m NE	Railway Sidings	1958	10560
18m NE	Railway Sidings	1911	10560
19m NE	Railway Sidings	1938	10560
20m NE	Railway Sidings	1949	10560
23m NE	Railway Sidings	1950	1250
23m NE	Railway Sidings	1960	1250
23m NE	Railway Sidings	1894	10560



Location	Land Use	Year of mapping	Mapping scale
24m NE	Railway Sidings	1950	2500
28m NE	Railway Sidings	1896	2500
44m E	Railway Sidings	1894	10560
48m NE	Railway Sidings	1996	10000
48m NE	Railway Sidings	1913	2500
51m NE	Railway Sidings	1935	2500
52m NE	Railway Sidings	1969	2500
52m NE	Railway Sidings	1950	2500
64m NE	Railway Sidings	1911	10560
67m NE	Railway Sidings	1973	1250
67m NE	Railway Sidings	1950	1250
69m NE	Railway Sidings	1974	1250
69m NE	Railway Sidings	1950	1250
69m NE	Railway Sidings	1960	1250
69m NE	Railway Sidings	1950	2500
69m NE	Railway Sidings	1961	2500
82m E	Railway Sidings	1978	1250
82m E	Railway Sidings	1976	1250
82m E	Railway Sidings	1962	1250
82m E	Railway Sidings	1950	1250
83m NE	Railway Sidings	1991	1250
92m NE	Railway Sidings	1935	2500
105m NE	Railway Sidings	1974	1250
105m NE	Railway Sidings	1950	1250
105m NE	Railway Sidings	1960	1250
106m NE	Railway Sidings	1990	1250
106m NE	Railway Sidings	1991	1250
107m NE	Railway Sidings	1950	2500



Location	Land Use	Year of mapping	Mapping scale
107m NE	Railway Sidings	1961	2500
110m E	Railway Sidings	1991	1250
112m E	Railway Sidings	1894	10560
143m NW	Railway Sidings	1913	2500
144m NE	Railway Sidings	1974	1250
144m NE	Railway Sidings	1950	1250
144m NE	Railway Sidings	1960	1250
146m NE	Railway Sidings	1990	1250
146m NE	Railway Sidings	1991	1250
147m E	Railway Sidings	1894	10560
147m NE	Railway Sidings	1950	2500
147m NE	Railway Sidings	1961	2500
151m E	Railway	1914	-
152m E	Railways	1938	-
152m E	Railways	1896	-
152m E	Railways	1870	-
184m NW	Railway Sidings	1990	1250
184m NW	Railway Sidings	1991	1250
216m E	Railways	1938	-
221m E	Railways	1870	-
222m E	Railways	1896	-

This data is sourced from Ordnance Survey/Groundsure.

21.5 Royal Mail tunnels

Records within 250m

0

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.

This data is sourced from Groundsure/the Postal Museum.



21.6 Historical railways

Records within 250m

1

Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed lines.

Features are displayed on the Railway infrastructure and projects map on **page 97**

Location	Description
118m NE	Abandoned

This data is sourced from OpenStreetMap.

21.7 Railways

Records within 250m

1

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways.

Features are displayed on the Railway infrastructure and projects map on **page 97**

Location	Name	Type
66m NE	Not given	Multi Track

This data is sourced from Ordnance Survey and OpenStreetMap.

21.8 Crossrail 1

Records within 500m

0

The Crossrail railway project links 41 stations over 100 kilometres from Reading and Heathrow in the west, through underground sections in central London, to Shenfield and Abbey Wood in the east.

This data is sourced from publicly available information by Groundsure.

21.9 Crossrail 2

Records within 500m

0

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.



21.10 HS2

Records within 500m

0

HS2 is a proposed high speed rail network running from London to Manchester and Leeds via Birmingham. Main civils construction on Phase 1 (London to Birmingham) of the project began in 2019, and it is currently anticipated that this phase will be fully operational by 2026. Construction on Phase 2a (Birmingham to Crewe) is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

This data is sourced from HS2 Ltd.



Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see <https://www.groundsure.com/sources-reference>.

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Appendix C Photographs

Photo Sheet 01

Project Reference: HCE0911

Project Title: 505-511 Archway Road, London



Photograph 01: View of the entrance to the Site looking east from the centre of the Site.



Photograph 02: View of the car wash area looking south-east.

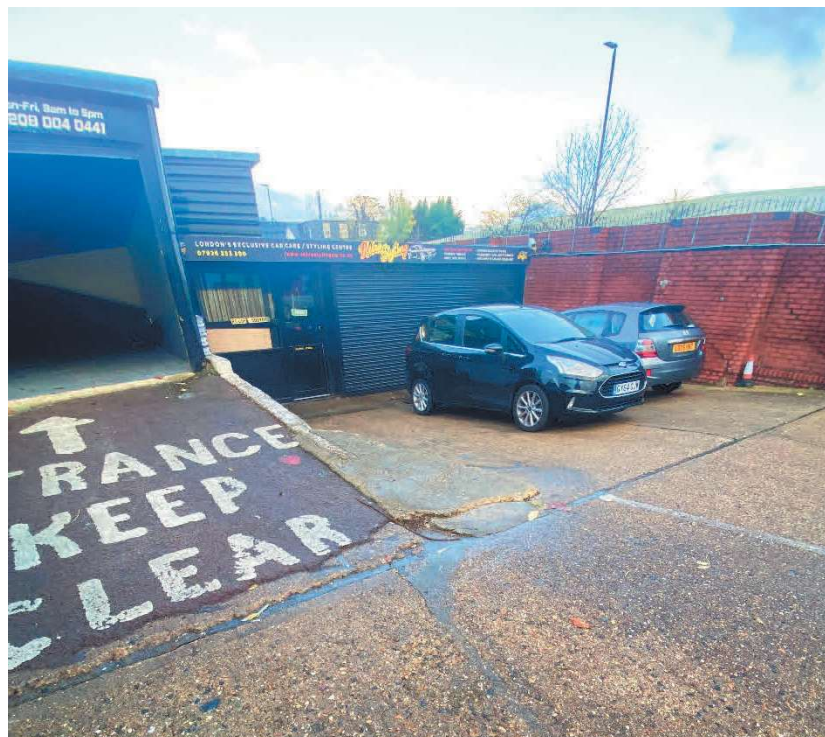
Photo Sheet 02

Project Reference: HCE0911

Project Title: 505-511 Archway Road, London



Photograph 03: View of inside the car wash area.



Photograph 04: View of the window tinting and performance garage in the north of the Site.

Photo Sheet 03

Project Reference: HCE0911

Project Title: 505-511 Archway Road, London



Photograph 05: View of the car wash area looking west.



Photograph 06: View of the road outside the entrance to the Site.

Appendix D

BGS Borehole Logs

Site Analytical Services Ltd.

Site
66 SHELDON AVENUE, HIGHGATE, LONDON, N6 4ND
Borehole Number
BH1

Boring Method SHELL AND AUGER	Diameter 150mm cased to 3.00m	Ground Level (mOD)	Client HARRISON VARMA LIMITED	Job Number 0713290
	Location TQ 276 882	Dates 27/06/2007	Engineer	Sheet 1/2

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.30-0.40	D1					(0.50)	MADE GROUND - tarmacadam over loose grey brown clayey silty sand, fine to medium gravel, ashes, brick rubble and sandstone slabs		
0.60-0.60	D2					0.60	MADE GROUND - soft to firm gray brown sandy silty clay, fine to medium gravel, brick and concrete fragments		
1.00-1.45 1.00-1.10 1.20-1.85	CPT N=4 D3 D4	1.00	DRY	1/1,1,1,1		(0.80) 1.30	Soft to firm mottled brown, orange brown and green grey sandy to very sandy silty CLAY with occasional fine to medium sub rounded flint gravel		
1.85-1.85 2.00-2.45 2.00-2.45	D5 CPT N=8 D8	2.00	DRY	1,2/1,2,2,3		(1.10)			
2.75-2.85	D7					2.40	Firm becoming stiff brown and mottled orange brown and veined blue grey silty CLAY with occasional partings of orange brown silty fine sand and occasional small gypsum crystals		
3.00-3.45	U1	3.00	DRY	30 blows					
4.00-4.10	D6					(3.40)			
4.60-4.95 4.60-4.95	SPT N=15 D9	3.00	DRY	3,3/4,3,4,4					
5.50-5.60	D10					5.80			
6.00-6.45	U2	3.00	DRY	40 blows			Stiff dark grey brown fissured silty CLAY with occasional partings of light brown silty fine sand and scattered small gypsum crystals		
7.00-7.10	D11								
7.60-7.95 7.60-7.65	SPT N=22 D12	3.00	DRY	4,5/5,6,5,6		(3.30)			
8.50-8.60	D13								
9.00-9.45 9.00-9.45	U3 NR D14	3.00	DRY	50 blows SEEPAGES(1) at 9.10m, rose to 8.50m in 20 mins.		9.10 (0.90)	Weak grey CLAYSTONE nodules in a matrix of silty clay		
10.00-10.45	SPT N=35	3.00	DRY	6,7/9,9,9,8		10.00			

Remarks
D = Disturbed Sample
C = Dynamic Cone Penetration Test, S = Standard Penetration Test
U = Undisturbed 100mm Diameter Sample - NR = No Recovery
Chiselling from 9.10m to 10.00m for 0.5 hours. Excavating from 0.00m to 1.20m for 1.0 hour.

Scale (approx)
1:50
Logged By
DC

Figure No.
0713290.BH1

Site Analytical Services Ltd.

Site
66 SHELDON AVENUE, HIGHGATE, LONDON, N6 4ND

Borehole
Number
BH1

Boring Method SHELL AND AUGER	Diameter 150mm cased to 3.00m	Ground Level (mOD)	Client HARRISON VARMA LIMITED	Job Number 0713290
	Location TQ 276 882	Dates 27/06/2007	Engineer	Sheet 2/2

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
10.00-10.45	D15						Stiff becoming stiff to very stiff dark grey brown fissured silty CLAY with occasional partings of light brown silty fine sand and scattered small gypsum crystals		
11.00-11.10	D16								
11.50-11.95	U4	3.00	DRY	50 blows					
12.50-12.60	D17								
13.00-13.45	SPT N=32 D18	3.00	DRY	4,6/8,8,9,7					
14.00-14.10	D19								
14.50-14.95	U5	3.00	DRY	70 blows					
15.50-15.60	D20								
16.00-16.45	SPT N=34 D21	3.00	DRY	4,6/8,8,8,10					
17.00-17.10	D22								
17.50-17.95	U8	3.00	DRY	85 blows					
18.75-18.85	D23								
19.55-20.00	SPT N=39 D24	3.00	WET	6,9/8,9,10,12					
				27/06/2007:WETm		20.00			

Remarks

Scale
(approx)

1:50

Logged
By

DC

Figure No.

0713290.BH11

Site Analytical Services Ltd.

Site
66 SHELDON AVENUE, HIGHGATE, LONDON, N6 4ND

Borehole
Number
BH2

Boring Method
CONTINUOUS FLIGHT
AUGER

Diameter
100mm cased to 0.00m

Ground Level (mOD)

Client
HARRISON VARMA LIMITED

Job
Number
0713290

Location
TQ 276 882

Dates
27/06/2007

Engineer

Sheet
1/2

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.25	D1					(0.30) 0.30	MADE GROUND - grass over loose grey brown clayey topsoil with some gravel and brick fragments		
0.50	D2						Soft becoming firm mottled brown, orange brown and green grey sandy silty CLAY with occasional fine sub rounded flint gravel and rootlets		
0.75	D3					(1.20)			
1.00	D4								
1.00	V1 44								
1.50	D5					1.50	Firm to stiff becoming stiff brown and mottled orange brown and veined blue grey silty CLAY with occasional partings of orange brown silty fine sand and occasional small gypsum crystals		
1.50	V2 76								
2.00	V3 88								
2.00	D6								
2.50	D7								
2.50	V4 100								
3.00	D8					(3.30)			
3.00	V5 116								
3.50	D9								
3.50	V6 118								
4.00	D10								
4.00	V7 126								
4.50	V8 133					4.80	Stiff dark grey brown fissured silty CLAY with occasional partings of light brown silty fine sand and scattered small gypsum crystals		
4.50	D11								
5.00	D12								
5.00	V9 140								
6.00	D13								
6.00	V10 140+								
7.00	D14					(6.20)			
7.00	V11 140+								
8.00	V12 140+								
8.00	D15								
9.00	D16								
9.00	V13 140+					10.00			

Remarks

Falling head permeability test carried out at 4.00m depth - water dropped from 0.30m to 0.55m depth in one hour
V = Vane Test - Result in kPa
D = Disturbed Sample
Groundwater was not encountered during boring
Excavating from 0.00m to 1.00m for 1.0 hour.

Scale
(approx)

1:50

Logged
By

DC

Figure No.
0713290.BH2

Site Analytical Services Ltd.							Site 66 SHELDON AVENUE, HIGHGATE, LONDON, N6 4ND		Borehole Number BH2	
Boring Method CONTINUOUS FLIGHT AUGER		Diameter 100mm cased to 0.00m		Ground Level (mOD)		Client HARRISON VARMA LIMITED		Job Number 0713290		
		Location TQ 276 882		Dates 27/06/2007		Engineer		Sheet 2/2		
Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	
10.00 10.00	D17 V14 140+						Stiff to very stiff becoming very stiff dark grey brown fissured silty CLAY with occasional partings of light brown silty fine sand and scattered small gypsum crystals			
11.00 11.00	D18 V15 140+					(3.00)				
12.00 12.00	D19 V16 140+									
13.00 13.00	D20 V17 140+			27/06/2007: DRY		13.00	Complete at 13.00m			
Remarks										
								Scale (approx) 1:50	Logged By DC	
								Figure No. 0713290.BH2		

Site Analytical Services Ltd.

Site
66 SHELDON AVENUE, HIGHGATE, LONDON, N6 4ND

Borehole
Number
BH3

Boring Method
CONTINUOUS FLIGHT
AUGER

Diameter
100mm cased to 0.00m

Ground Level (mOD)

Client
HARRISON VARMA LIMITED

Job
Number
0713280

Location
TQ 276 882

Dates
09/07/2007

Engineer

Sheet
1/1

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.25	D1					(0.50)	MADE GROUND - grass over loose grey brown clayey topsoil with some gravel and brick fragments		
0.50	D2					0.50	Soft becoming firm mottled brown, orange brown and green grey sandy silty CLAY with occasional fine sub rounded flint gravel and rootlets		
0.75	D3					(1.20)			
1.00	V1 60								
1.00	D4								
1.50	V2 74					1.70			
1.50	D5					(0.30)	Firm to stiff becoming stiff brown and mottled orange brown and veined blue grey silty CLAY with occasional partings of orange brown silty fine sand and occasional small gypsum crystals		
2.00	D6			09/07/2007: DRY		2.00			
2.00	V3 80						Complete at 2.00m		

Remarks
D = Disturbed Samples
V = Vane Test - Result in kPa
Groundwater was not encountered during boring

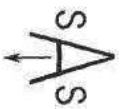
Scale
(approx)

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Logged
By

DC

Figure No.
0713280.BH3



Site Analytical Services Ltd.

REF: 07/13290

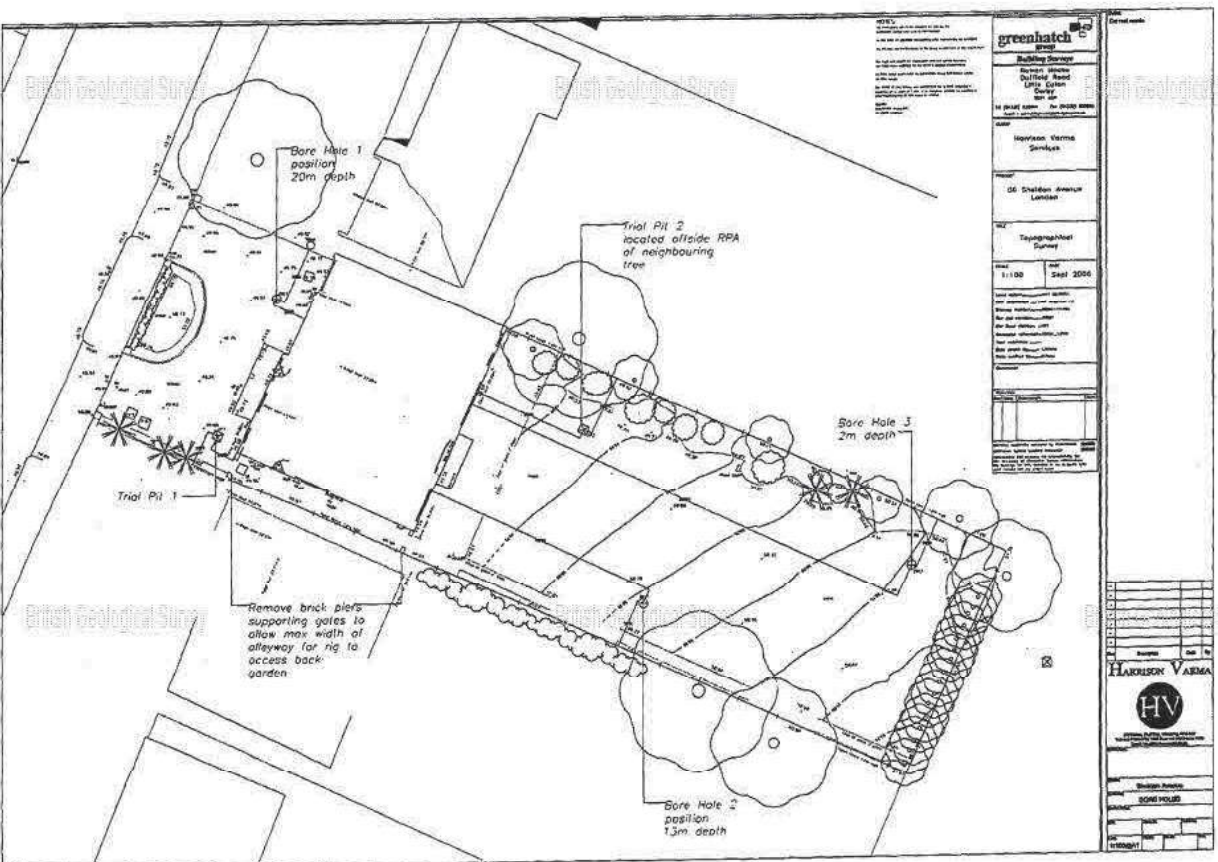
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FIG: 1

TITLE: Site Sketch Plan

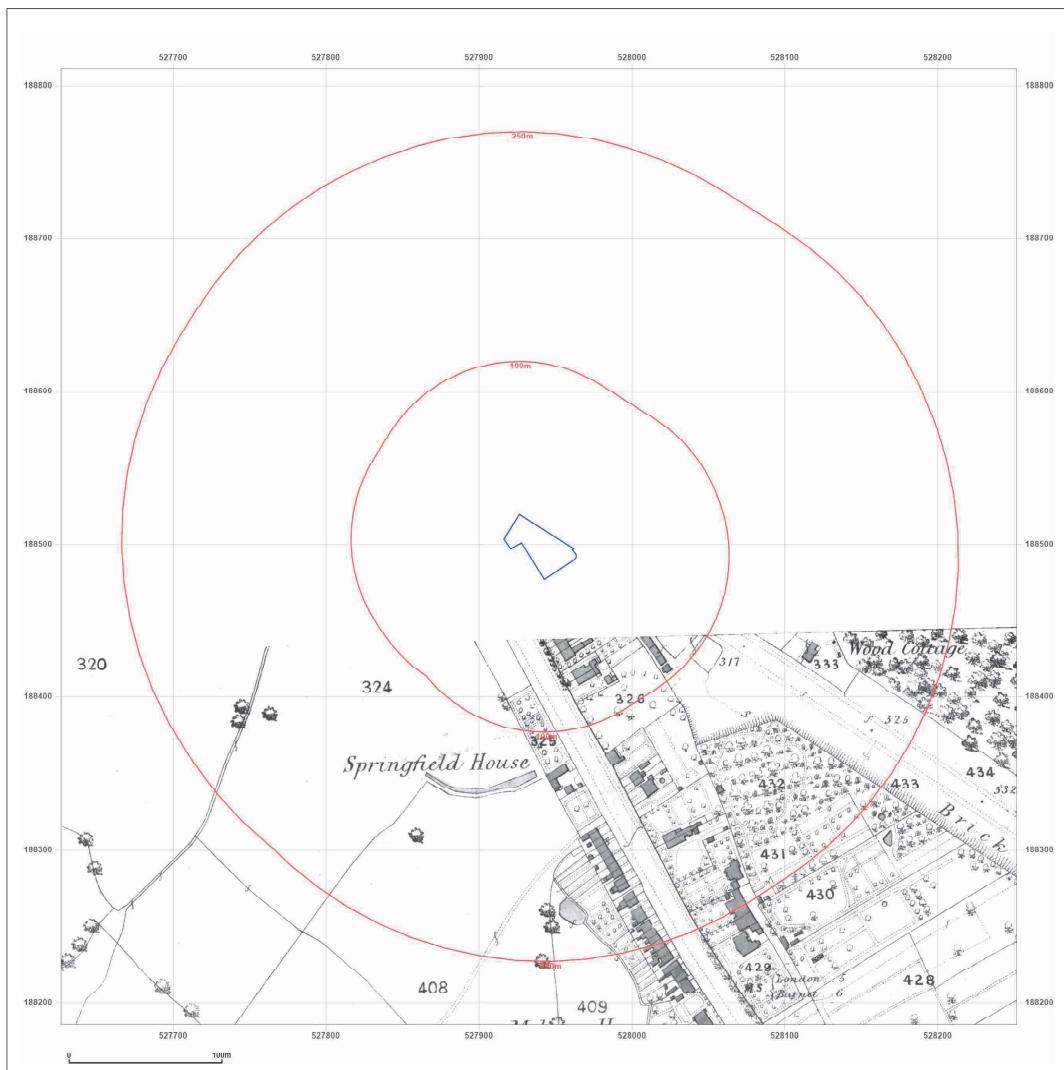
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Appendix E

Historical Maps



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Site Details:

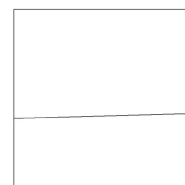
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Grid Ref: 527939, 188498

Map Name: County Series

Map date: 1864

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1864
 Revised 1864
 Edition N/A
 Copyright N/A
 Levelled N/A



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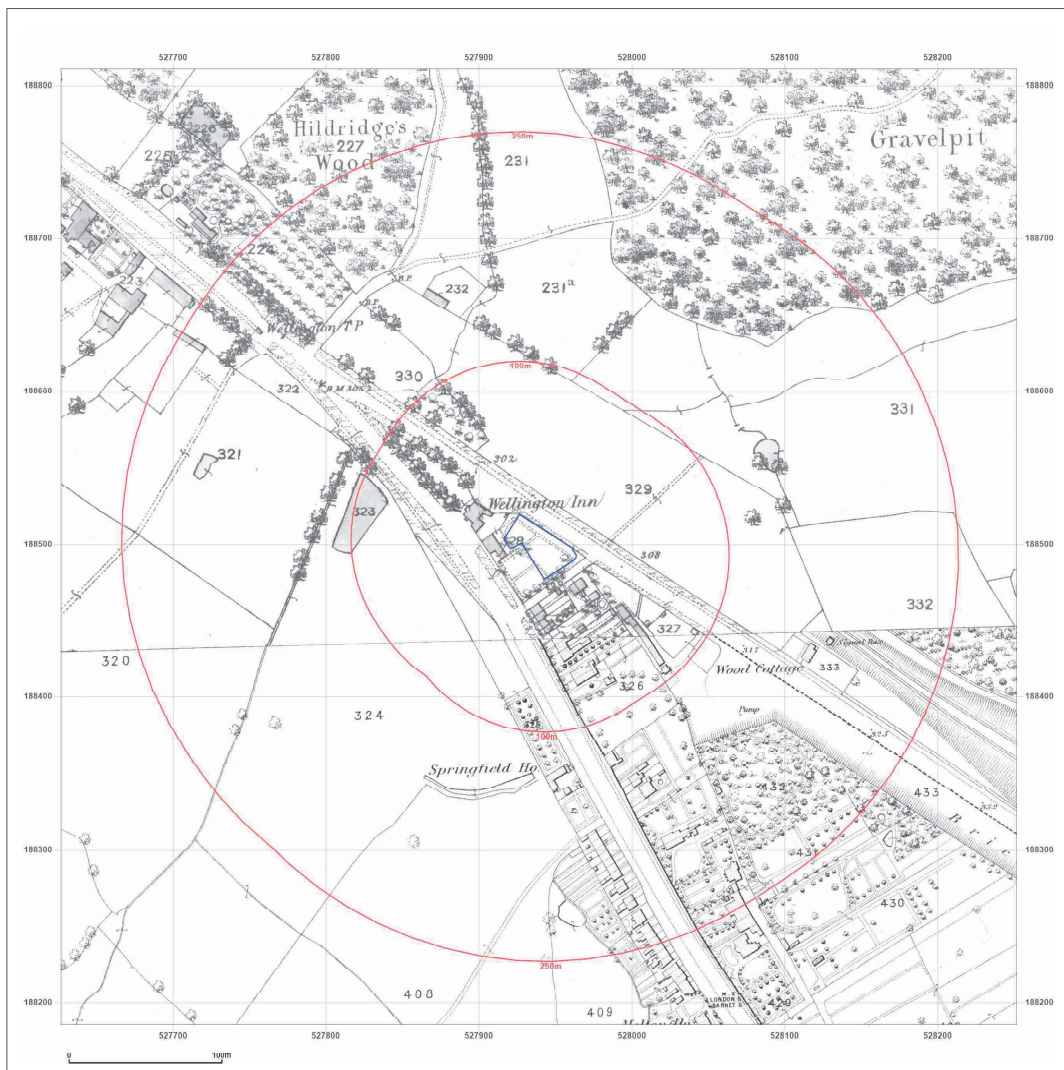


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Production date: 15 November 2021

Map legend available at:
www.groundsure.com/sites/default/files/groundsure_legend.pdf



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Report Ref: EMS-738056_960046
Grid Ref: 527939, 188498

Map Name: County Series

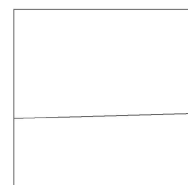
Map date: 1865-1870

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1865
 Revised 1865
 Edition N/A
 Copyright N/A
 Levelled N/A



Surveyed 1869
 Revised N/A
 Edition 1971
 Copyright N/A
 Levelled N/A



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