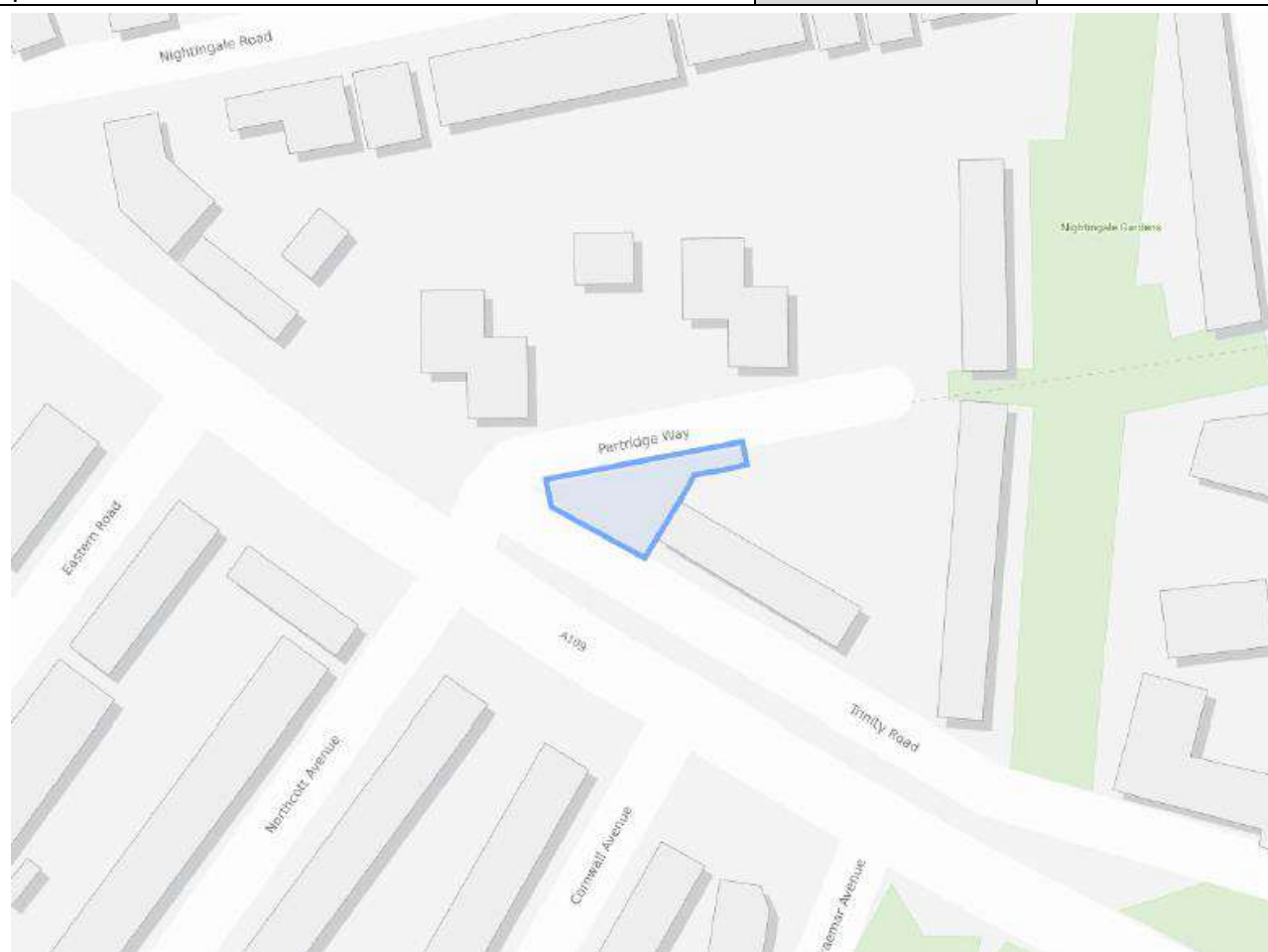


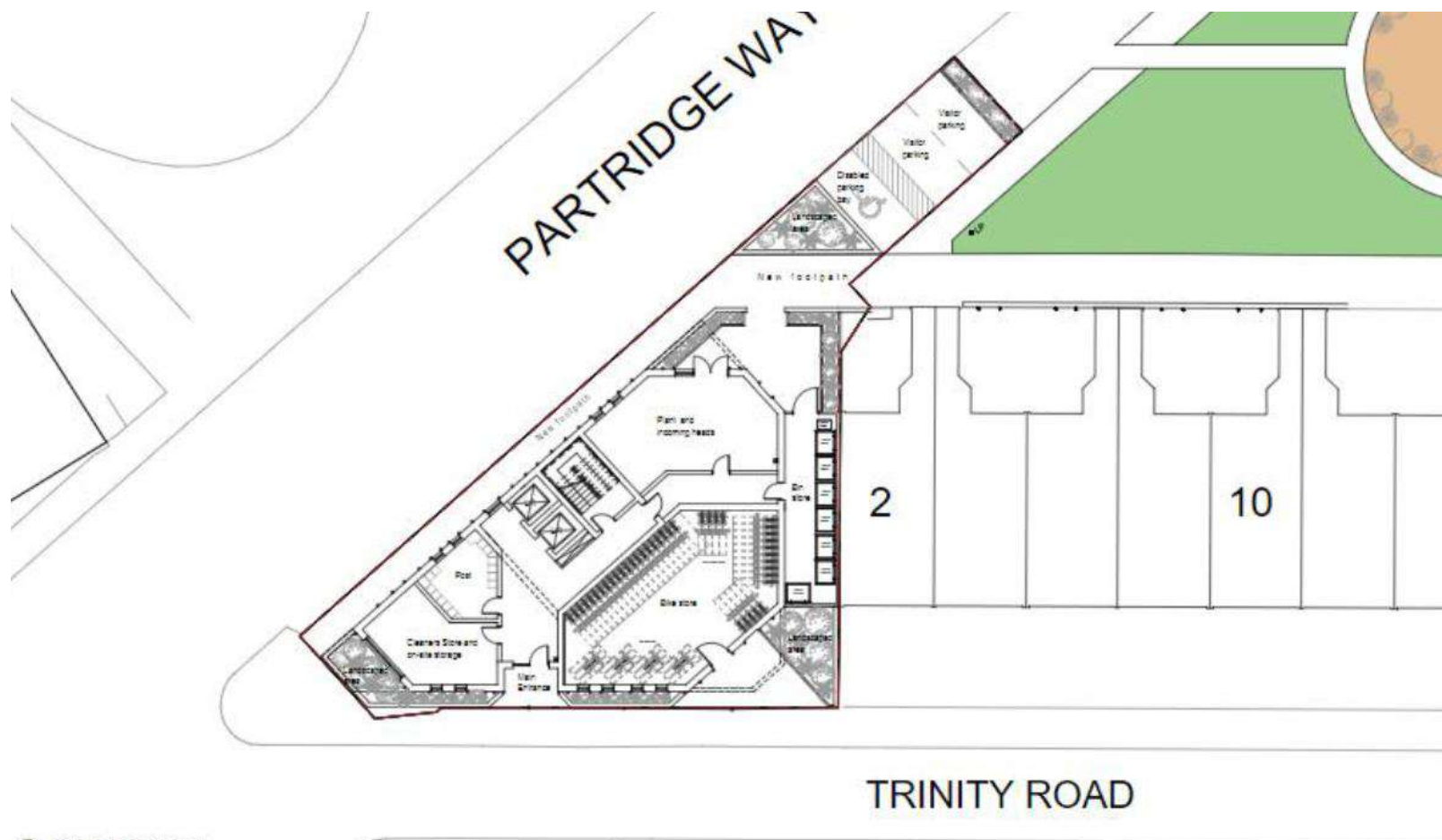
APPENDICES

APPENDIX 1 – FIGURES

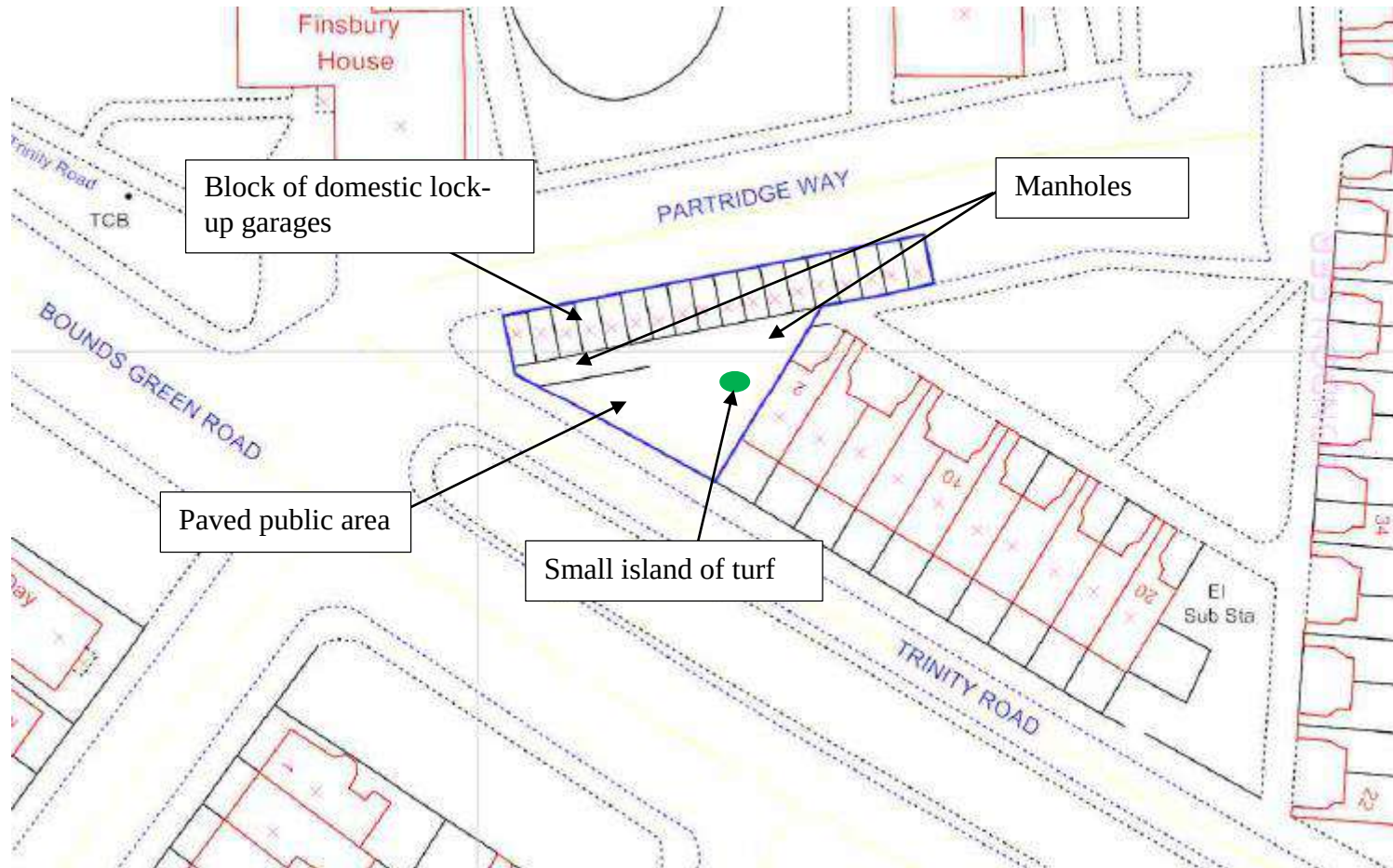
PROJECT NAME	Partridge Way, Wood Green, N22 8DT	CLIENT	Malcolm McPherson
TITLE	Site Location Plan	PROJECT NO.	P2794J2049
DATE	September 2020	FIGURE NO.	1



PROJECT NAME	Partridge Way, Wood Green, N22 8DT	CLIENT	Malcolm McPherson
TITLE	Proposed Development Plan	PROJECT NO.	P2794J2049
DATE	September 2020	FIGURE NO.	2



PROJECT NAME	Partridge Way, Wood Green, N22 8DT	CLIENT	Malcolm McPherson
TITLE	Site Constraints Plan	PROJECT NO.	P2794J2049
DATE	September 2020	FIGURE NO.	3



PROJECT NAME	Partridge Way, Wood Green, N22 8DT	CLIENT	Malcolm McPherson
TITLE	Walkover Photos	PROJECT/FIGURE	P2794J2049 / 4
Photo 1: The site, as viewed east from Partridge Way.		Photo 2: The site, as viewed west from Partridge Way	
			

PROJECT NAME	Partridge Way, Wood Green, N22 8DT	CLIENT	Malcolm McPherson
TITLE	Walkover Photos	PROJECT/FIGURE	P2794J2049 / 4
Photo 3: Domestic lock-up garages onsite, viewed south form Partridge Way.		Photo 4: Paved area in the south of the site, viewed east.	
			

PROJECT NAME	Partridge Way, Wood Green, N22 8DT	CLIENT	Malcolm McPherson
TITLE	Walkover Photos	PROJECT/FIGURE	P2794J2049 / 4
Photo 5: Paved area in the south of the site, viewed west.		Photo 6: Manhole adjacent to the south of garage block.	
			

PROJECT NAME	Partridge Way, Wood Green, N22 8DT	CLIENT	Malcolm McPherson
TITLE	Walkover Photos	PROJECT/FIGURE	P2794J2049 / 4
Photo 7: Island of turf in south of site, viewed north.		Photo 8: Trinity Road, adjacent to the south of site, viewed southeast.	
			

PROJECT NAME	Partridge Way, Wood Green, N22 8DT	CLIENT	Malcolm McPherson
TITLE	Walkover Photos	PROJECT/FIGURE	P2794J2049 / 4
Photo 9: Junction of Trinity Road and Partridge Way bounding site to the west, viewed north.		Photo 10: Partridge Way bounding the site to the north, with high rise residential block further north. Viewed northeast.	
			

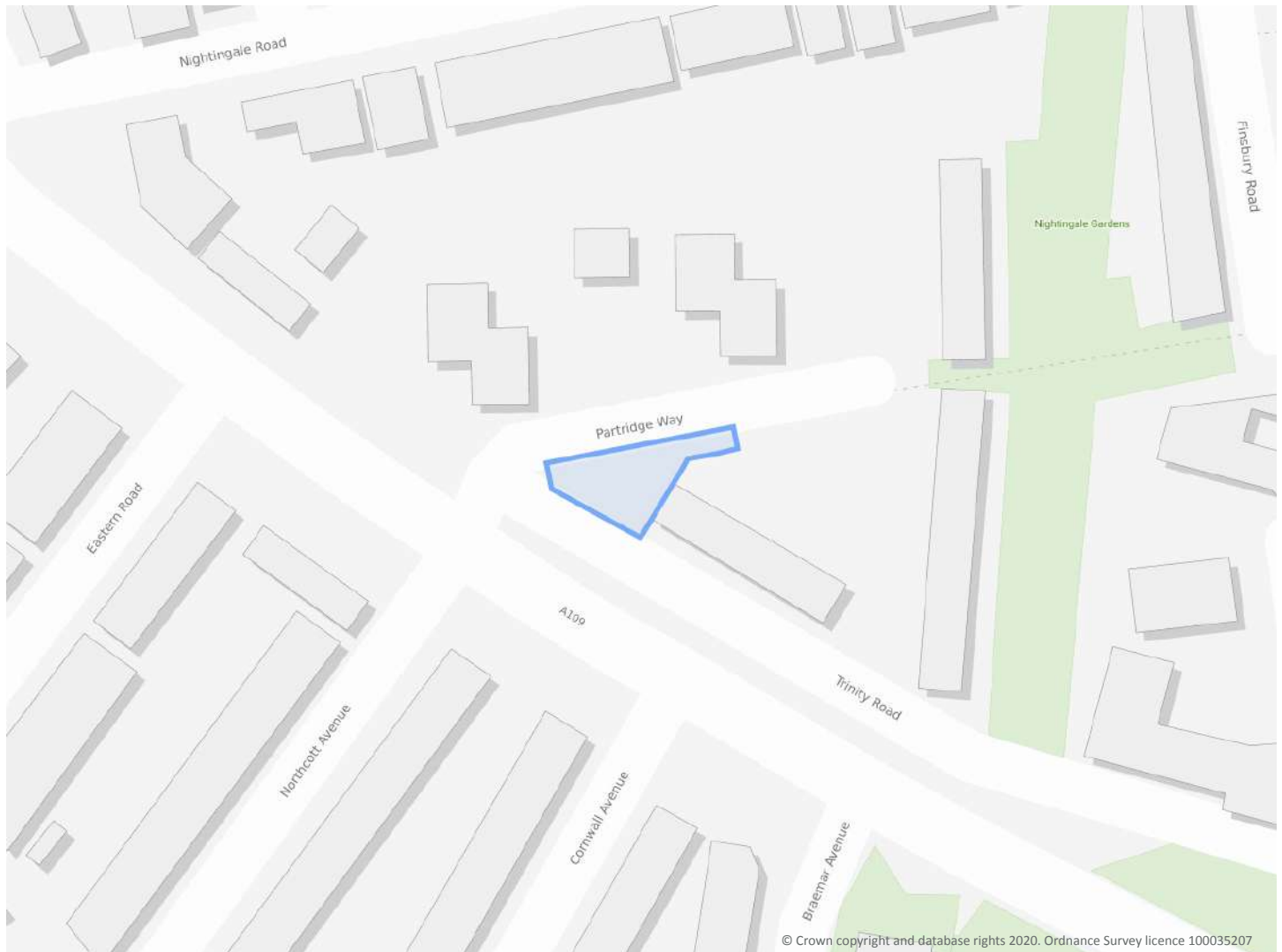
APPENDIX 2 – GROUNDSURE REPORT

PARTRIDGE WAY, WOOD GREEN, LONDON, N22 8DT**Order Details**

Date: 21/08/2020
Your ref: P2794JJ2049-1
Our Ref: HMD-377-6986785
Client: Jomas Associates Ltd

Site Details

Location: 530422 190898
Area: 0.05 ha
Authority: [London Borough of Haringey](#)

**Summary of findings**p. 2 **Aerial image**

p. 8

OS MasterMap site planp.12 groundsure.com/insightuserguide

Contact us with any questions at:

info@groundsure.com

08444 159 000

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
13	1.1	<u>Historical industrial land uses</u>	0	0	36	98	-
18	1.2	<u>Historical tanks</u>	0	0	2	5	-
19	1.3	<u>Historical energy features</u>	0	2	3	19	-
20	1.4	Historical petrol stations	0	0	0	0	-
20	1.5	<u>Historical garages</u>	0	0	4	9	-
21	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped	On site	0-50m	50-250m	250-500m	500-2000m
22	2.1	<u>Historical industrial land uses</u>	0	0	41	109	-
28	2.2	<u>Historical tanks</u>	0	0	3	10	-
29	2.3	<u>Historical energy features</u>	0	5	8	37	-
31	2.4	Historical petrol stations	0	0	0	0	-
31	2.5	<u>Historical garages</u>	0	0	6	17	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
33	3.1	Active or recent landfill	0	0	0	0	-
33	3.2	Historical landfill (BGS records)	0	0	0	0	-
34	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
34	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
34	3.5	<u>Historical waste sites</u>	0	0	0	1	-
34	3.6	Licensed waste sites	0	0	0	0	-
35	3.7	<u>Waste exemptions</u>	0	0	0	6	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
36	4.1	<u>Recent industrial land uses</u>	0	1	7	-	-
37	4.2	<u>Current or recent petrol stations</u>	0	0	1	1	-
37	4.3	Electricity cables	0	0	0	0	-
38	4.4	Gas pipelines	0	0	0	0	-
38	4.5	Sites determined as Contaminated Land	0	0	0	0	-



38	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
38	4.7	Regulated explosive sites	0	0	0	0	-
38	4.8	Hazardous substance storage/usage	0	0	0	0	-
39	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
39	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
39	4.11	<u>Licensed pollutant release (Part A(2)/B)</u>	0	0	0	6	-
40	4.12	Radioactive Substance Authorisations	0	0	0	0	-
40	4.13	Licensed Discharges to controlled waters	0	0	0	0	-
40	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
40	4.15	Pollutant release to public sewer	0	0	0	0	-
41	4.16	List 1 Dangerous Substances	0	0	0	0	-
41	4.17	List 2 Dangerous Substances	0	0	0	0	-
41	4.18	<u>Pollution Incidents (EA/NRW)</u>	0	0	0	1	-
41	4.19	Pollution inventory substances	0	0	0	0	-
42	4.20	Pollution inventory waste transfers	0	0	0	0	-
42	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
43	5.1	Superficial aquifer	None (within 500m)				
44	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
45	5.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
46	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
46	5.5	Groundwater vulnerability- local information	None (within 0m)				
47	5.6	<u>Groundwater abstractions</u>	0	0	0	2	18
52	5.7	Surface water abstractions	0	0	0	0	0
52	5.8	<u>Potable abstractions</u>	0	0	0	2	16
56	5.9	<u>Source Protection Zones</u>	1	0	2	0	-
56	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
57	6.1	<u>Water Network (OS MasterMap)</u>	0	0	1	-	-



58	6.2	Surface water features	0	0	0	-	-
58	6.3	<u>WFD Surface water body catchments</u>	1	-	-	-	-
58	6.4	<u>WFD Surface water bodies</u>	0	0	0	-	-
59	6.5	WFD Groundwater bodies	0	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
60	7.1	Risk of Flooding from Rivers and Sea (RoFRaS)	None (within 50m)				
60	7.2	Historical Flood Events	0	0	0	-	-
60	7.3	Flood Defences	0	0	0	-	-
60	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
61	7.5	Flood Storage Areas	0	0	0	-	-
62	7.6	Flood Zone 2	None (within 50m)				
62	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding					
63	8.1	<u>Surface water flooding</u>	1 in 1000 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding					
65	9.1	<u>Groundwater flooding</u>	Negligible (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
66	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
67	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
67	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
67	10.4	Special Protection Areas (SPA)	0	0	0	0	0
67	10.5	National Nature Reserves (NNR)	0	0	0	0	0
68	10.6	<u>Local Nature Reserves (LNR)</u>	0	0	0	0	2
68	10.7	Designated Ancient Woodland	0	0	0	0	0
68	10.8	Biosphere Reserves	0	0	0	0	0
68	10.9	Forest Parks	0	0	0	0	0
69	10.10	Marine Conservation Zones	0	0	0	0	0
69	10.11	Green Belt	0	0	0	0	0
69	10.12	Proposed Ramsar sites	0	0	0	0	0



69	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
69	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
70	10.15	Nitrate Sensitive Areas	0	0	0	0	0
70	10.16	<u>Nitrate Vulnerable Zones</u>	1	0	0	0	0
71	10.17	<u>SSSI Impact Risk Zones</u>	1	-	-	-	-
72	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
73	11.1	World Heritage Sites	0	0	0	-	-
74	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
74	11.3	National Parks	0	0	0	-	-
74	11.4	<u>Listed Buildings</u>	0	0	3	-	-
75	11.5	<u>Conservation Areas</u>	0	0	4	-	-
75	11.6	Scheduled Ancient Monuments	0	0	0	-	-
75	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
76	12.1	<u>Agricultural Land Classification</u>	Urban (within 250m)				
77	12.2	<u>Open Access Land</u>	0	4	3	-	-
77	12.3	Tree Felling Licences	0	0	0	-	-
77	12.4	Environmental Stewardship Schemes	0	0	0	-	-
78	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
79	13.1	<u>Priority Habitat Inventory</u>	0	0	4	-	-
80	13.2	Habitat Networks	0	0	0	-	-
80	13.3	Open Mosaic Habitat	0	0	0	-	-
80	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
81	14.1	<u>10k Availability</u>	Identified (within 500m)				
82	14.2	Artificial and made ground (10k)	0	0	0	0	-
83	14.3	Superficial geology (10k)	0	0	0	0	-

83	14.4	Landslip (10k)	0	0	0	0	-
84	14.5	<u>Bedrock geology (10k)</u>	1	0	0	1	-
85	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
86	15.1	<u>50k Availability</u>	Identified (within 500m)				
87	15.2	<u>Artificial and made ground (50k)</u>	0	0	0	1	-
88	15.3	Artificial ground permeability (50k)	0	0	-	-	-
89	15.4	Superficial geology (50k)	0	0	0	0	-
89	15.5	Superficial permeability (50k)	None (within 50m)				
89	15.6	Landslip (50k)	0	0	0	0	-
89	15.7	Landslip permeability (50k)	None (within 50m)				
90	15.8	<u>Bedrock geology (50k)</u>	1	0	0	0	-
91	15.9	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
91	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
92	16.1	BGS Boreholes	0	0	0	-	-
Page	Section	Natural ground subsidence					
93	17.1	<u>Shrink swell clays</u>	Moderate (within 50m)				
94	17.2	<u>Running sands</u>	Very low (within 50m)				
95	17.3	<u>Compressible deposits</u>	Negligible (within 50m)				
96	17.4	<u>Collapsible deposits</u>	Very low (within 50m)				
97	17.5	<u>Landslides</u>	Very low (within 50m)				
98	17.6	<u>Ground dissolution of soluble rocks</u>	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
99	18.1	Natural cavities	0	0	0	0	-
100	18.2	BritPits	0	0	0	0	-
100	18.3	<u>Surface ground workings</u>	0	0	1	-	-
100	18.4	<u>Underground workings</u>	0	0	1	0	11
101	18.5	Historical Mineral Planning Areas	0	0	0	0	-



101	18.6	Non-coal mining	0	0	0	0	0
101	18.7	Mining cavities	0	0	0	0	0
102	18.8	JPB mining areas	None (within 0m)				
102	18.9	Coal mining	None (within 0m)				
102	18.10	Brine areas	None (within 0m)				
102	18.11	Gypsum areas	None (within 0m)				
102	18.12	Tin mining	None (within 0m)				
103	18.13	Clay mining	None (within 0m)				
Page	Section	Radon					
<u>104</u>	<u>19.1</u>	<u>Radon</u>	Less than 1% (within 0m)				
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
<u>105</u>	<u>20.1</u>	<u>BGS Estimated Background Soil Chemistry</u>	1	0	-	-	-
<u>105</u>	<u>20.2</u>	<u>BGS Estimated Urban Soil Chemistry</u>	2	2	-	-	-
<u>106</u>	<u>20.3</u>	<u>BGS Measured Urban Soil Chemistry</u>	0	1	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
<u>107</u>	<u>21.1</u>	<u>Underground railways (London)</u>	0	1	0	-	-
108	21.2	Underground railways (Non-London)	0	0	0	-	-
108	21.3	Railway tunnels	0	0	0	-	-
<u>108</u>	<u>21.4</u>	<u>Historical railway and tunnel features</u>	0	0	23	-	-
109	21.5	Royal Mail tunnels	0	0	0	-	-
<u>109</u>	<u>21.6</u>	<u>Historical railways</u>	0	0	1	-	-
<u>110</u>	<u>21.7</u>	<u>Railways</u>	0	0	10	-	-
110	21.8	Crossrail 1	0	0	0	0	-
<u>110</u>	<u>21.9</u>	<u>Crossrail 2</u>	0	0	2	0	-
111	21.10	HS2	0	0	0	0	-



Recent aerial photograph



Capture Date: 22/08/2019

Site Area: 0.05ha



Recent site history - 2016 aerial photograph



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Capture Date: 12/08/2016

Site Area: 0.05ha



Recent site history - 2013 aerial photograph

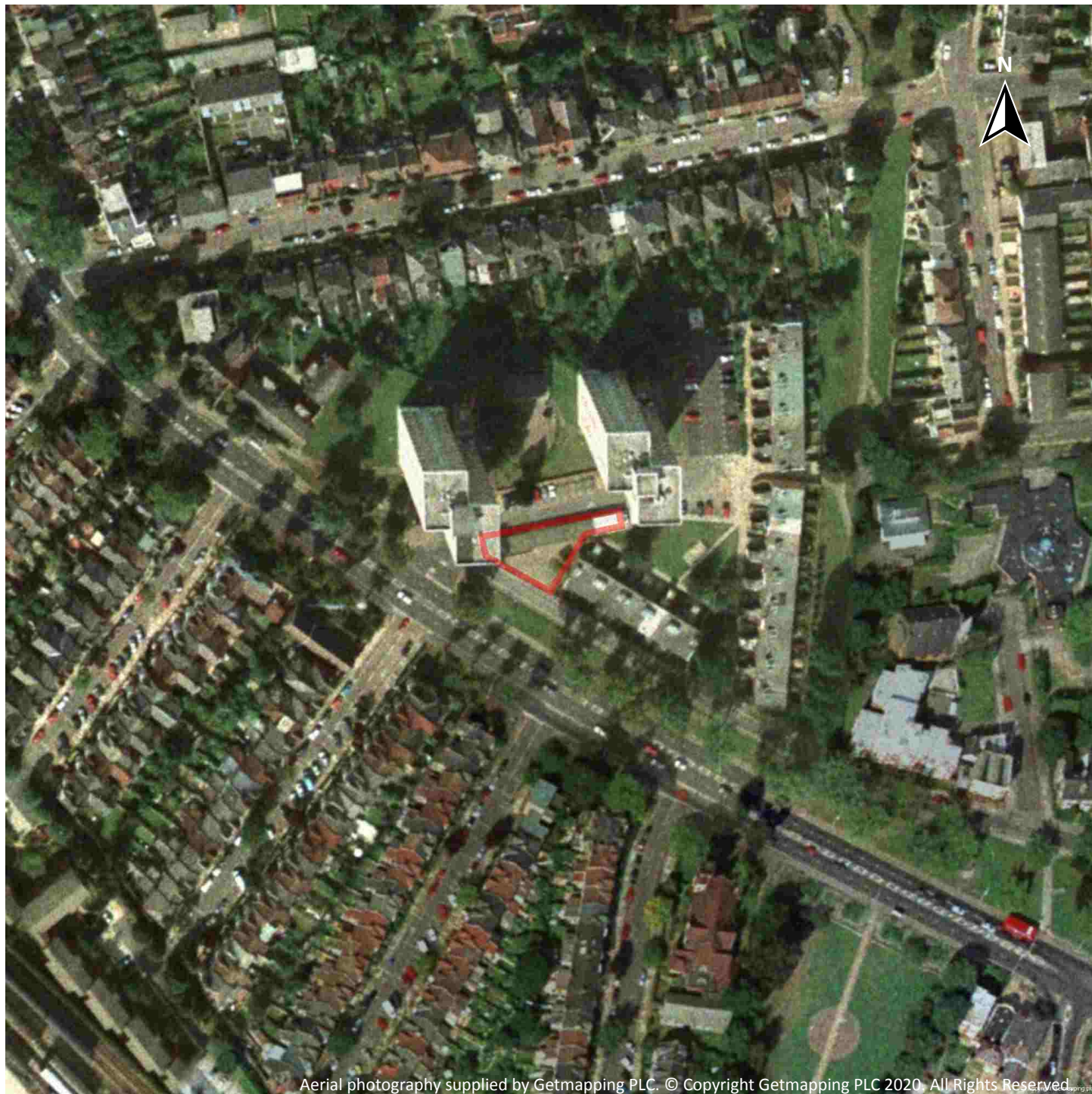


Capture Date: 28/04/2013

Site Area: 0.05ha



Recent site history - 1999 aerial photograph



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Capture Date: 04/09/1999

Site Area: 0.05ha



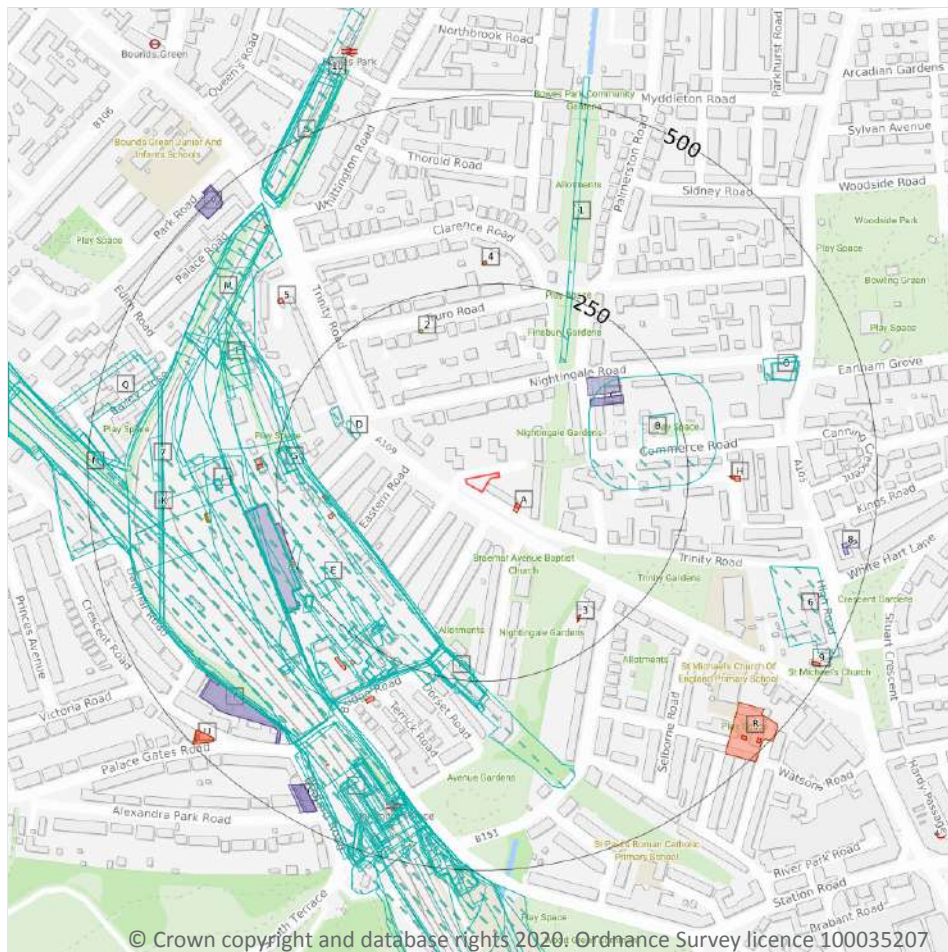
OS MasterMap site plan



Site Area: 0.05ha



1 Past land use



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical garages

1.1 Historical industrial land uses

Records within 500m

134

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 1:10,560 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 13**

ID	Location	Land use	Dates present	Group ID
B	123m E	Nursery	1869	2288012



ID	Location	Land use	Dates present	Group ID
D	151m W	Ambulance Station	1991	2158246
E	151m SW	Crushing Mill	1938 - 1951	2217709
E	151m SW	Railway Sidings	1920 - 1951	2234015
E	153m SW	Unspecified Mill	1920	2140634
E	153m SW	Unspecified Commercial/Industrial	1991	2130899
E	154m SW	Railway Sidings	1894 - 1982	2195711
E	158m SW	Railway Sidings	1894	2210377
E	161m SW	Railway Land	1911	2141019
1	167m NE	Tunnel	1894	2151533
D	178m NW	Fire Station	1966	2128165
E	179m SW	Railway Buildings	1951	2163511
E	184m SW	Railway Sidings	1911	2246330
B	194m E	Nursery	1879	2173766
F	207m S	Railway Station	1938	2284113
E	207m SW	Railway Buildings	1951	2250337
E	209m SW	Railway Buildings	1974	2285093
E	210m SW	Railway Building	1982	2214319
F	210m S	Railway Station	1911	2197871
F	211m S	Railway Station	1966	2262786
F	211m S	Railway Station	1951	2272485
F	211m S	Railway Station	1894	2244230
G	213m W	Railway Buildings	1951	2163509
E	216m SW	Railway Depot	1991	2132445
F	216m S	Railway Station	1920	2201128
E	218m SW	Railway Building	1894	2236980
E	220m SW	Railway Building	1966	2212657
E	222m SW	Railway Building	1966	2229983
G	222m W	Railway Building	1894	2172020



ID	Location	Land use	Dates present	Group ID
G	224m W	Railway Building	1966	2178548
G	228m W	Railway Building	1911	2176334
E	229m SW	Railway Building	1951	2294470
E	231m W	Unspecified Ground Workings	1894	2133669
E	241m SW	Railway Buildings	1982	2204234
E	245m SW	Railway Building	1966	2149058
E	247m SW	Railway Buildings	1951	2212656
E	251m SW	Railway Building	1974	2189046
E	252m SW	Railway Building	1982	2226650
E	253m SW	Railway Building	1991	2230997
E	255m SW	Railway Building	1982	2203314
E	255m SW	Railway Building	1966 - 1974	2232270
E	257m SW	Railway Building	1991	2184680
E	259m SW	Railway Building	1951	2149059
G	262m W	Railway Building	1991	2149012
E	277m SW	Railway Building	1966	2264800
E	277m SW	Railway Building	1951	2274914
F	279m S	Railway Building	1966	2232804
F	279m S	Railway Building	1951	2235484
E	284m W	Railway Sidings	1938	2172150
E	284m W	Cuttings	1920 - 1938	2244090
E	286m SW	Railway Sidings	1951	2223464
E	286m SW	Cuttings	1951	2223824
E	286m SW	Railway Sidings	1991	2288042
E	301m SW	Railway Building	1966 - 1974	2236759
E	301m SW	Railway Sidings	1920	2282041
E	303m SW	Railway Building	1951	2288405
I	305m NW	Unspecified Pit	1951	2125354



ID	Location	Land use	Dates present	Group ID
I	309m NW	Cuttings	1894	2224689
I	317m NW	Cuttings	1920	2290855
J	321m W	Railway Building	1974	2177812
J	321m W	Railway Building	1951	2183292
J	321m W	Railway Building	1966	2292743
J	321m W	Railway Building	1982	2280483
I	323m W	Railway Building	1991	2149011
E	327m SW	Cuttings	1894	2225328
K	327m SW	Railway Sidings	1894	2210267
I	328m NW	Cuttings	1938	2262571
E	332m SW	Railway Building	1982	2293084
K	335m SW	Cuttings	1879	2172152
K	335m SW	Cuttings	1869	2201051
E	336m SW	Railway Building	1920	2285446
E	338m SW	Railway Building	1966 - 1974	2293380
L	358m SW	Cuttings	1911	2246751
M	360m NW	Cuttings	1951	2185043
M	360m NW	Cuttings	1966	2287531
L	361m SW	Cuttings	1869	2174422
L	361m SW	Cuttings	1879	2238001
N	373m W	Railway Sidings	1911	2172173
O	374m E	Police Station	1951	2230673
O	374m E	Police Station	1991	2237107
6	377m E	Asylum	1911	2141500
M	380m NW	Cuttings	1920	2283444
L	382m SW	Railway Station	1938	2234463
O	383m E	Police Station	1966 - 1974	2276933
K	383m SW	Railway Building	1991	2149009



ID	Location	Land use	Dates present	Group ID
O	384m E	Police Station	1982	2186615
L	385m SW	Railway Station	1951	2274324
L	387m SW	Railway Station	1974	2178032
L	387m SW	Railway Station	1966	2242755
L	389m SW	Railway Station	1982	2181857
M	390m NW	Cuttings	1938	2233895
L	392m SW	Railway Station	1920	2230015
L	393m SW	Railway Station	1894	2198193
M	396m NW	Cuttings	1911	2228076
L	397m SW	Railway Station	1911	2219341
L	398m S	Railway Station	1991	2283314
7	400m W	Railway Building	1987	2149013
M	404m NW	Cuttings	1894	2174037
N	405m W	Railway Sidings	1951	2253969
M	420m NW	Cuttings	1938	2181693
Q	424m W	Unspecified Warehouse	1973 - 1980	2270181
L	424m S	Railway Buildings	1951	2283993
Q	431m W	Unspecified Warehouse	1987	2193657
L	432m S	Railway Buildings	1920	2284787
L	433m S	Railway Building	1974	2149060
S	436m NW	Cuttings	1991	2264616
S	437m NW	Cuttings	1911	2210886
S	438m NW	Cuttings	1920	2262912
S	440m NW	Cuttings	1982	2249840
S	446m NW	Cuttings	1894	2187350
L	447m S	Railway Building	1966	2221194
L	447m S	Railway Buildings	1938	2262995
N	447m W	Railway Sidings	1980	2250796



ID	Location	Land use	Dates present	Group ID
N	447m W	Railway Sidings	1987	2282573
N	447m W	Railway Sidings	1973	2294598
S	447m NW	Cuttings	1966 - 1974	2222469
S	447m NW	Cuttings	1951	2228054
L	447m S	Water Works	1982	2226949
S	448m NW	Cuttings	1938	2232042
L	448m S	Railway Buildings	1974	2183032
L	450m S	Railway Building	1991	2235561
L	453m S	Railway Land	1911	2141014
L	456m S	Railway Buildings	1894	2265418
L	456m S	Railway Buildings	1920	2191019
L	476m S	Railway Station	1879	2243096
L	476m S	Railway Station	1869	2275938
L	477m S	Railway Building	1938 - 1951	2279770
L	478m S	Railway Building	1966	2252884
L	479m S	Railway Buildings	1951 - 1966	2254960
L	487m S	Railway Building	1920	2244018
L	489m S	Railway Sidings	1911	2226948
10	492m NW	Railway Sidings	1951	2128665
L	497m S	Railway Buildings	1894	2234752
L	498m S	Railway Building	1982	2149010

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

7

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.



Features are displayed on the Past land use map on **page 13**

ID	Location	Land use	Dates present	Group ID
2	202m N	Unspecified Tank	1896	364811
E	250m SW	Unspecified Tank	1990 - 1997	393411
J	343m W	Tanks	1983 - 1997	403939
J	343m W	Tanks	1990	406155
J	346m W	Tanks	1990	397737
L	413m SW	Unspecified Tank	1954	393910
L	475m S	Unspecified Tank	1954	390331

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

24

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 13**

ID	Location	Land use	Dates present	Group ID
A	42m SE	Electricity Substation	1990 - 1997	280835
A	42m SE	Electricity Substation	1971 - 1987	284863
E	179m W	Electricity Substation	1990 - 1997	275668
E	182m W	Electricity Substation	1983 - 1997	283262
3	207m SE	Electricity Substation	1982 - 1989	269426
G	268m W	Electricity Substation	1990 - 1997	258406
G	269m W	Electricity Substation	1983 - 1987	261659
4	276m N	Electricity Substation	1970 - 1997	284482
E	278m SW	Electricity Substation	1954	245011
E	286m SW	Electricity Substation	1954	245012



ID	Location	Land use	Dates present	Group ID
H	304m E	Electricity Substation	1989	260480
E	306m SW	Electricity Substation	1971 - 1997	279421
H	311m E	Electricity Substation	1982	257934
5	335m NW	Electricity Substation	1956 - 1997	268462
M	423m NW	Electricity Substation	1978	245001
R	435m SE	Electricity Substation and Depot	1969	251789
R	468m SE	Electricity Substation	1982 - 1989	257310
U	474m SW	Electricity Substation	1983	253494
U	474m SW	Electricity Substation	1987	256180
9	480m SE	Electricity Substation	1969 - 1989	274472
R	486m SE	Electricity Substation	1954	290367
U	487m SW	Electricity Substation	1990	252022
U	487m SW	Electricity Substation	1971	255485
U	488m SW	Electricity Substation	1997	252425

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m

0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m

13

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-



grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 13**

ID	Location	Land use	Dates present	Group ID
C	150m NE	Garage	1956	83965
C	150m NE	Garage	1970	79896
C	157m NE	Garage	1979	73357
E	249m SW	Carriage Shed	1954	85454
P	404m SW	Garage	1954 - 1971	84041
P	404m SW	Garage	1954	78549
T	452m SW	Garage	1954 - 1991	83518
T	452m SW	Garage	1954	75780
T	453m SW	Garage	1973	78715
T	453m SW	Garage	1992	80557
8	461m E	Garage	1954	81336
V	484m NW	Garage	1956 - 1997	80580
V	484m NW	Garage	1956	77111

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

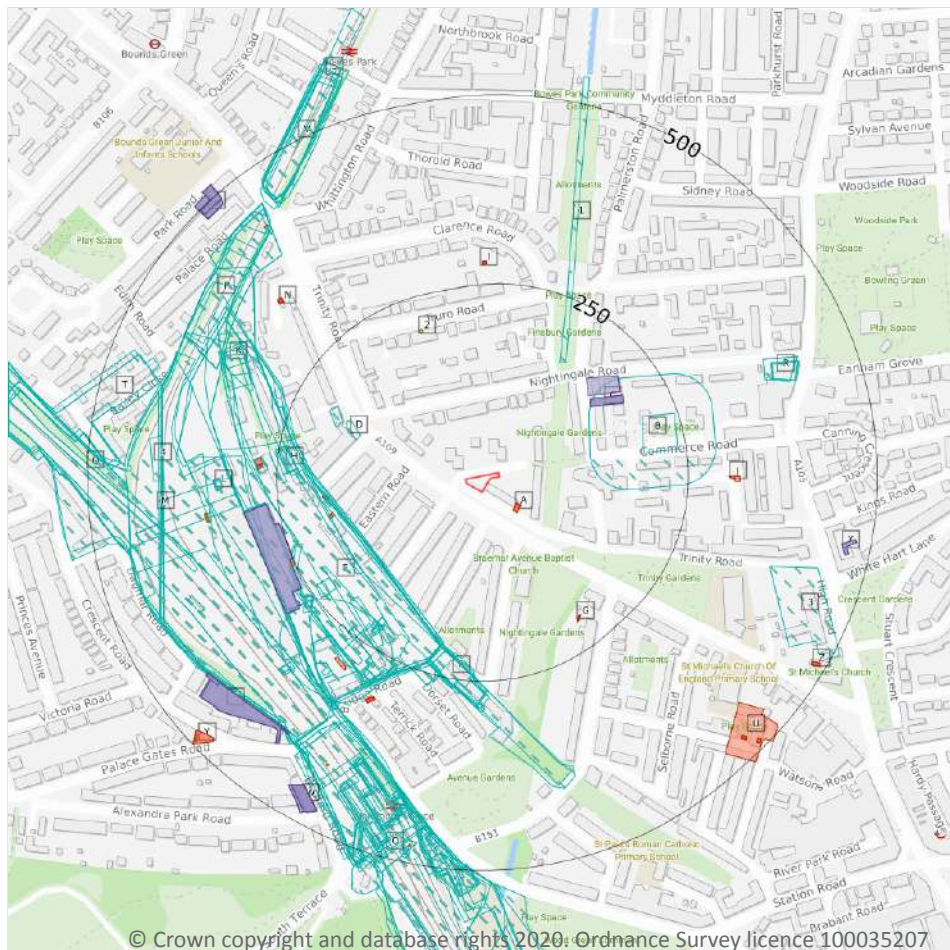
Records within 500m

0

Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

This data is sourced from Ordnance Survey / Groundsure / other sources.

2 Past land use - un-grouped



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical garages

2.1 Historical industrial land uses

Records within 500m

150

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 22**

ID	Location	Land Use	Date	Group ID
B	123m E	Nursery	1869	2288012
D	151m W	Ambulance Station	1991	2158246
E	151m SW	Railway Sidings	1938	2234015



ID	Location	Land Use	Date	Group ID
E	151m SW	Crushing Mill	1938	2217709
E	153m SW	Unspecified Mill	1920	2140634
E	153m SW	Unspecified Commercial/Industrial	1991	2130899
E	154m SW	Railway Sidings	1966	2195711
E	154m SW	Railway Sidings	1974	2195711
E	156m SW	Railway Sidings	1982	2195711
E	158m SW	Railway Sidings	1894	2210377
E	161m SW	Railway Land	1911	2141019
1	167m NE	Tunnel	1894	2151533
E	178m SW	Railway Sidings	1920	2234015
D	178m NW	Fire Station	1966	2128165
E	179m SW	Railway Buildings	1951	2163511
E	179m SW	Railway Sidings	1951	2234015
E	184m SW	Railway Sidings	1911	2246330
B	194m E	Nursery	1879	2173766
F	207m S	Railway Station	1938	2284113
E	207m SW	Railway Buildings	1951	2250337
E	209m SW	Railway Buildings	1974	2285093
E	210m SW	Railway Building	1982	2214319
F	210m S	Railway Station	1911	2197871
F	211m S	Railway Station	1966	2262786
F	211m S	Railway Station	1951	2272485
F	211m S	Railway Station	1894	2244230
H	213m W	Railway Buildings	1951	2163509
E	216m SW	Railway Depot	1991	2132445
F	216m S	Railway Station	1920	2201128
E	216m SW	Crushing Mill	1951	2217709
E	218m SW	Railway Building	1894	2236980



ID	Location	Land Use	Date	Group ID
E	220m SW	Railway Building	1966	2212657
E	222m SW	Railway Building	1966	2229983
H	222m W	Railway Building	1894	2172020
H	224m W	Railway Building	1966	2178548
H	228m W	Railway Building	1911	2176334
E	229m SW	Railway Building	1951	2294470
E	231m W	Unspecified Ground Workings	1894	2133669
E	241m SW	Railway Buildings	1982	2204234
E	245m SW	Railway Building	1966	2149058
E	247m SW	Railway Buildings	1951	2212656
E	251m SW	Railway Building	1974	2189046
E	252m SW	Railway Building	1982	2226650
E	253m SW	Railway Building	1991	2230997
E	255m SW	Railway Building	1982	2203314
E	255m SW	Railway Building	1966	2232270
E	255m SW	Railway Building	1974	2232270
E	257m SW	Railway Building	1991	2184680
E	259m SW	Railway Building	1951	2149059
H	262m W	Railway Building	1991	2149012
E	277m SW	Railway Building	1966	2264800
E	277m SW	Railway Building	1951	2274914
F	279m S	Railway Building	1966	2232804
F	279m S	Railway Building	1951	2235484
E	284m W	Cuttings	1938	2244090
E	284m W	Railway Sidings	1938	2172150
E	286m SW	Cuttings	1951	2223824
E	286m SW	Railway Sidings	1991	2288042
E	286m SW	Railway Sidings	1951	2223464

ID	Location	Land Use	Date	Group ID
E	286m W	Cuttings	1920	2244090
E	301m SW	Railway Building	1966	2236759
E	301m SW	Railway Sidings	1920	2282041
E	301m SW	Railway Building	1974	2236759
E	303m SW	Railway Building	1951	2288405
K	305m NW	Unspecified Pit	1951	2125354
K	309m NW	Cuttings	1894	2224689
K	317m NW	Cuttings	1920	2290855
L	321m W	Railway Building	1966	2292743
L	321m W	Railway Building	1974	2177812
L	321m W	Railway Building	1951	2183292
L	321m W	Railway Building	1982	2280483
K	323m W	Railway Building	1991	2149011
E	327m SW	Cuttings	1894	2225328
M	327m SW	Railway Sidings	1894	2210267
K	328m NW	Cuttings	1938	2262571
E	332m SW	Railway Building	1982	2293084
M	335m SW	Cuttings	1879	2172152
M	335m SW	Cuttings	1869	2201051
E	336m SW	Railway Building	1920	2285446
E	338m SW	Railway Building	1966	2293380
E	338m SW	Railway Building	1974	2293380
O	349m SW	Railway Sidings	1894	2195711
O	358m SW	Cuttings	1911	2246751
P	360m NW	Cuttings	1966	2287531
P	360m NW	Cuttings	1951	2185043
O	361m SW	Cuttings	1879	2238001
O	361m SW	Cuttings	1869	2174422



ID	Location	Land Use	Date	Group ID
Q	373m W	Railway Sidings	1911	2172173
R	374m E	Police Station	1991	2237107
R	374m E	Police Station	1951	2230673
3	377m E	Asylum	1911	2141500
P	380m NW	Cuttings	1920	2283444
O	382m SW	Railway Station	1938	2234463
R	383m E	Police Station	1966	2276933
R	383m E	Police Station	1974	2276933
M	383m SW	Railway Building	1991	2149009
R	384m E	Police Station	1982	2186615
O	385m SW	Railway Station	1951	2274324
O	387m SW	Railway Station	1974	2178032
O	387m SW	Railway Station	1966	2242755
O	389m SW	Railway Station	1982	2181857
P	390m NW	Cuttings	1938	2233895
O	392m SW	Railway Station	1920	2230015
O	393m SW	Railway Station	1894	2198193
P	396m NW	Cuttings	1911	2228076
O	397m SW	Railway Station	1911	2219341
O	398m S	Railway Station	1991	2283314
4	400m W	Railway Building	1987	2149013
P	404m NW	Cuttings	1894	2174037
Q	405m W	Railway Sidings	1951	2253969
Q	406m W	Railway Sidings	1962	2195711
P	420m NW	Cuttings	1938	2181693
T	424m W	Unspecified Warehouse	1980	2270181
T	424m W	Unspecified Warehouse	1973	2270181
O	424m S	Railway Buildings	1951	2283993



ID	Location	Land Use	Date	Group ID
T	431m W	Unspecified Warehouse	1987	2193657
O	432m S	Railway Buildings	1920	2284787
O	433m S	Railway Building	1974	2149060
V	436m NW	Cuttings	1991	2264616
V	437m NW	Cuttings	1911	2210886
V	438m NW	Cuttings	1920	2262912
V	440m NW	Cuttings	1982	2249840
V	446m NW	Cuttings	1894	2187350
O	447m S	Railway Building	1966	2221194
O	447m S	Railway Buildings	1938	2262995
Q	447m W	Railway Sidings	1987	2282573
Q	447m W	Railway Sidings	1980	2250796
Q	447m W	Railway Sidings	1973	2294598
V	447m NW	Cuttings	1966	2222469
V	447m NW	Cuttings	1974	2222469
V	447m NW	Cuttings	1951	2228054
O	447m S	Water Works	1982	2226949
V	448m NW	Cuttings	1938	2232042
O	448m S	Railway Buildings	1974	2183032
O	450m S	Railway Building	1991	2235561
O	453m S	Railway Land	1911	2141014
O	456m S	Railway Buildings	1894	2265418
O	456m S	Railway Buildings	1920	2191019
O	476m S	Railway Station	1869	2275938
O	476m S	Railway Station	1879	2243096
O	477m S	Railway Building	1938	2279770
O	478m S	Railway Building	1966	2252884
O	479m S	Railway Buildings	1951	2254960



ID	Location	Land Use	Date	Group ID
O	480m S	Railway Buildings	1966	2254960
O	482m S	Railway Building	1951	2279770
O	487m S	Railway Building	1920	2244018
O	489m S	Railway Sidings	1911	2226948
5	492m NW	Railway Sidings	1951	2128665
O	497m S	Railway Buildings	1894	2234752
O	498m S	Railway Building	1982	2149010

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

13

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 22**

ID	Location	Land Use	Date	Group ID
2	202m N	Unspecified Tank	1896	364811
E	250m SW	Unspecified Tank	1990	393411
E	250m SW	Unspecified Tank	1997	393411
L	343m W	Tanks	1983	403939
L	343m W	Tanks	1987	403939
L	343m W	Tanks	1990	406155
L	344m W	Tanks	1997	403939
L	346m W	Tanks	1990	397737
O	413m SW	Unspecified Tank	1954	393910
O	413m SW	Unspecified Tank	1954	393910
O	475m S	Unspecified Tank	1954	390331
O	476m S	Unspecified Tank	1954	390331
O	476m S	Unspecified Tank	1954	390331



This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

50

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 22**

ID	Location	Land Use	Date	Group ID
A	42m SE	Electricity Substation	1997	280835
A	42m SE	Electricity Substation	1990	280835
A	42m SE	Electricity Substation	1983	284863
A	42m SE	Electricity Substation	1987	284863
A	42m SE	Electricity Substation	1971	284863
E	179m W	Electricity Substation	1997	275668
E	182m W	Electricity Substation	1983	283262
E	182m W	Electricity Substation	1987	283262
E	182m W	Electricity Substation	1990	275668
E	184m W	Electricity Substation	1990	283262
E	184m W	Electricity Substation	1997	283262
G	207m SE	Electricity Substation	1989	269426
G	208m SE	Electricity Substation	1982	269426
H	268m W	Electricity Substation	1997	258406
H	269m W	Electricity Substation	1983	261659
H	269m W	Electricity Substation	1987	261659
H	271m W	Electricity Substation	1990	258406
I	276m N	Electricity Substation	1978	284482
I	276m N	Electricity Substation	1970	284482
I	277m N	Electricity Substation	1997	284482
I	277m N	Electricity Substation	1997	284482



ID	Location	Land Use	Date	Group ID
E	278m SW	Electricity Substation	1954	245011
E	286m SW	Electricity Substation	1954	245012
J	304m E	Electricity Substation	1989	260480
E	306m SW	Electricity Substation	1983	279421
E	306m SW	Electricity Substation	1987	279421
E	307m SW	Electricity Substation	1971	279421
E	307m SW	Electricity Substation	1990	279421
E	308m SW	Electricity Substation	1997	279421
J	311m E	Electricity Substation	1982	257934
N	335m NW	Electricity Substation	1978	268462
N	336m NW	Electricity Substation	1956	268462
N	336m NW	Electricity Substation	1970	268462
N	337m NW	Electricity Substation	1956	268462
N	337m NW	Electricity Substation	1997	268462
N	337m NW	Electricity Substation	1997	268462
P	423m NW	Electricity Substation	1978	245001
U	435m SE	Electricity Substation and Depot	1969	251789
U	468m SE	Electricity Substation	1982	257310
U	469m SE	Electricity Substation	1989	257310
Y	474m SW	Electricity Substation	1983	253494
Y	474m SW	Electricity Substation	1987	256180
Z	480m SE	Electricity Substation	1982	274472
Z	481m SE	Electricity Substation	1989	274472
Z	481m SE	Electricity Substation	1969	274472
U	486m SE	Electricity Substation	1954	290367
U	486m SE	Electricity Substation	1954	290367
Y	487m SW	Electricity Substation	1971	255485
Y	487m SW	Electricity Substation	1990	252022



ID	Location	Land Use	Date	Group ID
Y	488m SW	Electricity Substation	1997	252425

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m	0
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Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m	23
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Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 22**

ID	Location	Land Use	Date	Group ID
C	150m NE	Garage	1956	83965
C	150m NE	Garage	1956	83965
C	150m NE	Garage	1970	79896
C	157m NE	Garage	1979	73357
E	249m SW	Carriage Shed	1954	85454
E	249m SW	Carriage Shed	1954	85454
S	404m SW	Garage	1954	84041
S	404m SW	Garage	1971	84041
S	404m SW	Garage	1954	78549
W	452m SW	Garage	1991	83518
W	452m SW	Garage	1954	75780
W	453m SW	Garage	1954	83518

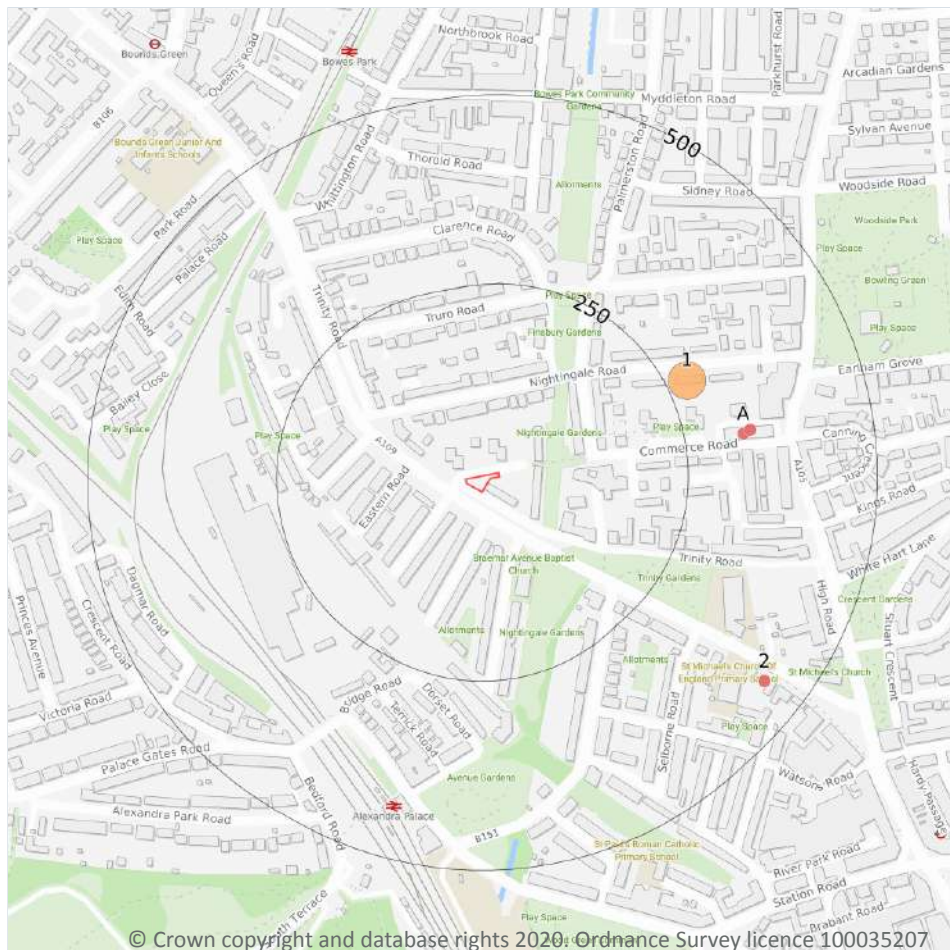


ID	Location	Land Use	Date	Group ID
W	453m SW	Garage	1954	83518
W	453m SW	Garage	1973	78715
W	453m SW	Garage	1992	80557
W	453m SW	Garage	1992	80557
X	461m E	Garage	1954	81336
X	462m E	Garage	1954	81336
AA	484m NW	Garage	1956	80580
AA	484m NW	Garage	1970	80580
AA	484m NW	Garage	1956	77111
AA	491m NW	Garage	1997	80580
AA	491m NW	Garage	1997	80580

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- Historical waste sites
- Waste exemptions

3.1 Active or recent landfill

Records within 500m

0

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.2 Historical landfill (BGS records)

Records within 500m

0

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

This data is sourced from the British Geological Survey.



3.3 Historical landfill (LA/mapping records)

Records within 500m

0

Landfill sites identified from Local Authority records and high detail historical mapping.

This data is sourced from the Ordnance Survey/Groundsure and Local Authority records.

3.4 Historical landfill (EA/NRW records)

Records within 500m

0

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.5 Historical waste sites

Records within 500m

1

Waste site records derived from Local Authority planning records and high detail historical mapping.

Features are displayed on the Waste and landfill map on **page 33**

ID	Location	Address	Further Details	Date
1	252m NE	Site Address: 21-43 Nightingale Road, LONDON, Central London, N22 8QB	Type of Site: Waste Storage Shed Planning application reference: HGY/2008/2274 Description: Scheme comprises installation of pre cast concrete storage shed within housing estate boundary to facilitate storage and collection of bulk rubbish to council housing estate. An application (ref: HGY/2008/2274) for detailed planning permission was granted by Haringey L.B. Planning decision obtained Data source: Historic Planning Application Data Type: Point	-

This data is sourced from Ordnance Survey/Groundsure and Local Authority records.

3.6 Licensed waste sites

Records within 500m

0

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.



3.7 Waste exemptions

Records within 500m

6

Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

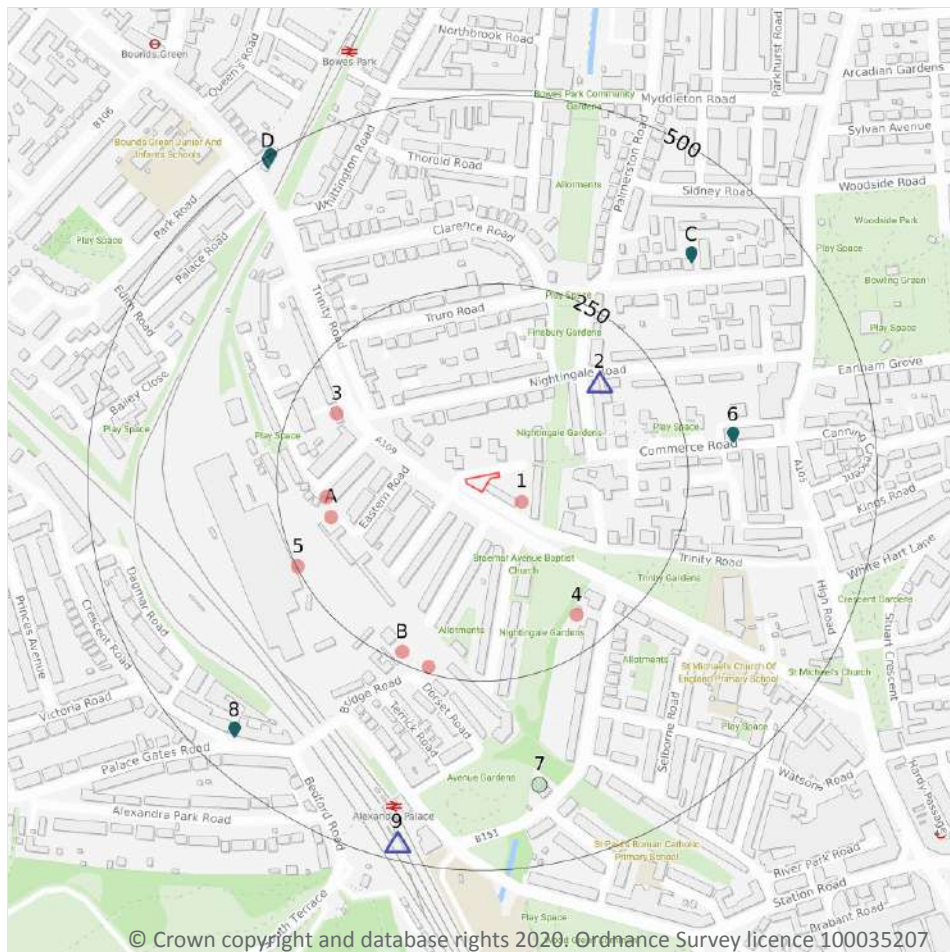
Features are displayed on the Waste and landfill map on **page 33**

ID	Location	Site	Reference	Category	Sub-Category	Description
A	327m E	18, COMMERCE ROAD, LONDON, N22 8ED	WEX136366	Storing waste exemption	Not on a farm	Storage of waste in secure containers
A	327m E	18, COMMERCE ROAD, LONDON, N22 8ED	WEX136366	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
A	327m E	18, COMMERCE ROAD, LONDON, N22 8ED	WEX136366	Disposing of waste exemption	Not on a farm	Deposit of waste from a portable sanitary convenience
A	327m E	18, COMMERCE ROAD, LONDON, N22 8ED	WEX136366	Using waste exemption	Not on a farm	Use of waste for a specified purpose
A	337m E	18 Commerce Road LONDON N22 8ED	EPR/VF0102H V/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in secure containers
2	443m SE	Morum House Medical Centre, 3-5 Bounds Green Road, London, N22 8HE	WEX028460	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal

This data is sourced from the Environment Agency and Natural Resources Wales.



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses
- △ Current or recent petrol stations
- Licensed pollutant release (Part A(2)/B)
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

8

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 36**

ID	Location	Company	Address	Activity	Category
1	44m SE	Electricity Sub Station	Greater London, N22	Electrical Features	Infrastructure and Facilities
A	185m W	Electricity Sub Station	Greater London, N22	Electrical Features	Infrastructure and Facilities
A	186m W	Electricity Sub Station	Greater London, N22	Electrical Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
3	191m NW	Bounds Green Ambulance Station	Bounds Green Road, London, Greater London, N22 8HE	Ambulance and Medical Transportation Services	Health Support Services
4	205m SE	Electricity Sub Station	Greater London, N22	Electrical Features	Infrastructure and Facilities
B	237m SW	Depot	Greater London, N22	Container and Storage	Transport, Storage and Delivery
B	241m S	Imagestor	Bridge Road, London, Greater London, N22 7SN	Printing Related Machinery	Industrial Products
5	248m SW	Tank	Greater London, N22	Tanks (Generic)	Industrial Features

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	2
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Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on **page 36**

ID	Location	Company	Address	LPG	Status
2	180m NE	UNBRANDED	58-64, Finsbury Road, Nightingale Road, Wood Green, London, Inner London, N22 8PD	Not Applicable	Obsolete
9	476m S	OBSOLETE	13, Bedford Road, Wood Green, London, Inner London, N22 7AU	Not Applicable	Obsolete

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0
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High voltage underground electricity transmission cables.

This data is sourced from National Grid.



4.4 Gas pipelines

Records within 500m**0**

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m**0**

Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m**0**

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m**0**

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m**0**

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

This data is sourced from Local Authority records.



4.9 Historical licensed industrial activities (IPC)

Records within 500m

0

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.10 Licensed industrial activities (Part A(1))

Records within 500m

0

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.11 Licensed pollutant release (Part A(2)/B)

Records within 500m

6

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on **page 36**

ID	Location	Address	Details	
6	313m E	Sunshine Dry Cleaners, 24 Commerce Road, N22 8DZ	Process: Dry Cleaning Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
C	384m NE	Wood Green Autopoint, High Rd, N22 8JD	Process: Petrol Vapour Recovery Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
C	384m NE	Wood Green Autopoint, High Rd, N22 8JD	Process: Petrol Vapour Recovery Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
8	448m SW	Palace Gates Dry Cleaners, 26 Palace Gates Road, N22 7BN	Process: Dry Cleaning Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

ID	Location	Address	Details	
D	495m NW	Bounds Green Service Station, 2 Bounds Green Road, Bounds Green, N11 2QH	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
D	498m NW	TotalFina Elf, 2 Bounds Green Rd, N11 2QH	Process: Unloading of Petrol into Storage at Service Stations Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m	0
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Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.13 Licensed Discharges to controlled waters

Records within 500m	0
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Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.14 Pollutant release to surface waters (Red List)

Records within 500m	0
----------------------------	----------

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.15 Pollutant release to public sewer

Records within 500m	0
----------------------------	----------

Discharges of Special Category Effluents to the public sewer.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.16 List 1 Dangerous Substances

Records within 500m

0

Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.17 List 2 Dangerous Substances

Records within 500m

0

Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.18 Pollution Incidents (EA/NRW)

Records within 500m

1

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

Features are displayed on the Current industrial land use map on **page 36**

ID	Location	Details	
7	393m S	Incident Date: 22/01/2003 Incident Identification: 132542 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)

This data is sourced from the Environment Agency and Natural Resources Wales.

4.19 Pollution inventory substances

Records within 500m

0

The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.



4.20 Pollution inventory waste transfers

Records within 500m**0**

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.21 Pollution inventory radioactive waste

Records within 500m**0**

The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.



5 Hydrogeology - Superficial aquifer

5.1 Superficial aquifer

Records within 500m

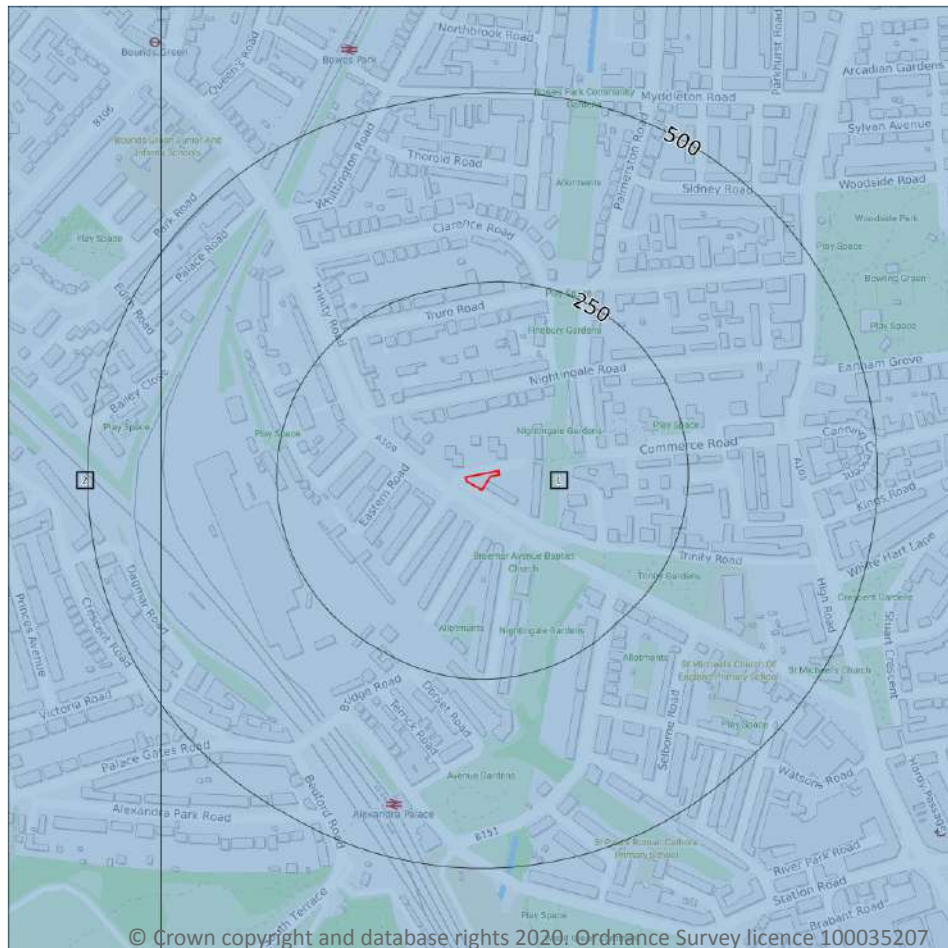
0

Aquifer status of groundwater held within superficial geology.

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Bedrock aquifer



- Site Outline
- Search buffers in metres (m)
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive

5.2 Bedrock aquifer

Records within 500m

2

Aquifer status of groundwater held within bedrock geology.

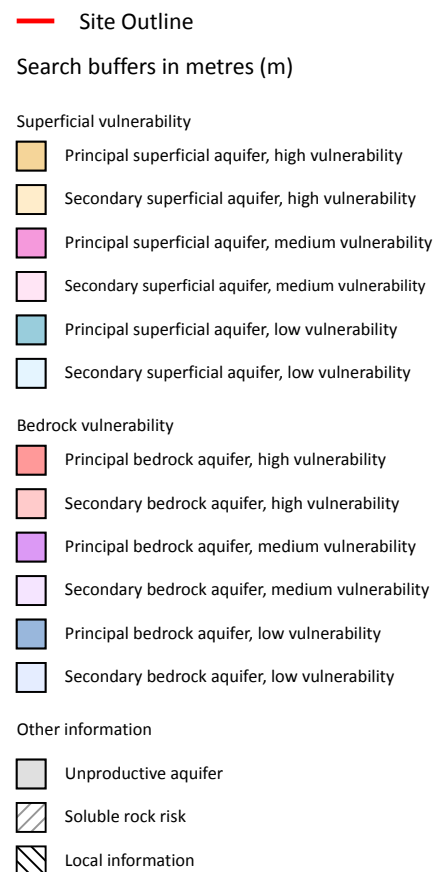
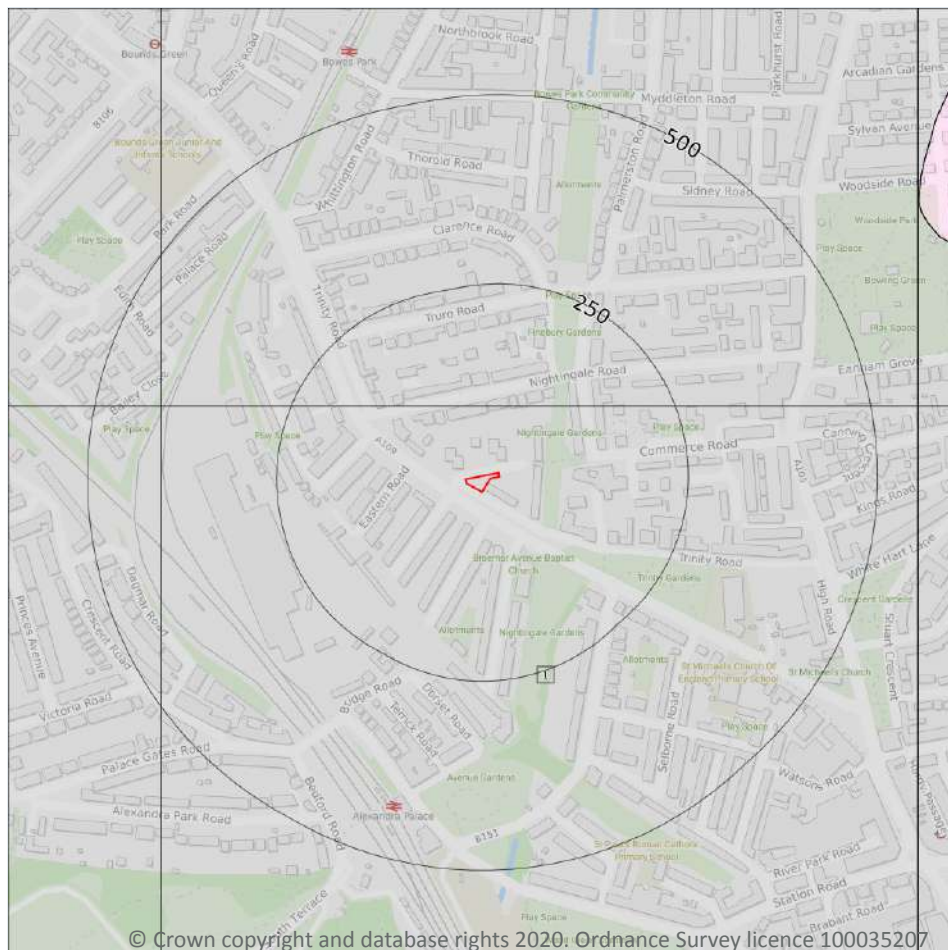
Features are displayed on the Bedrock aquifer map on **page 44**

ID	Location	Designation	Description
1	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
2	403m W	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

1

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High - Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium - Intermediate between high and low vulnerability.
- Low - Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on **page 45**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: 40-70% Dilution value: 300-550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

5.4 Groundwater vulnerability- soluble rock risk

Records on site	0
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This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

This data is sourced from the British Geological Survey and the Environment Agency.

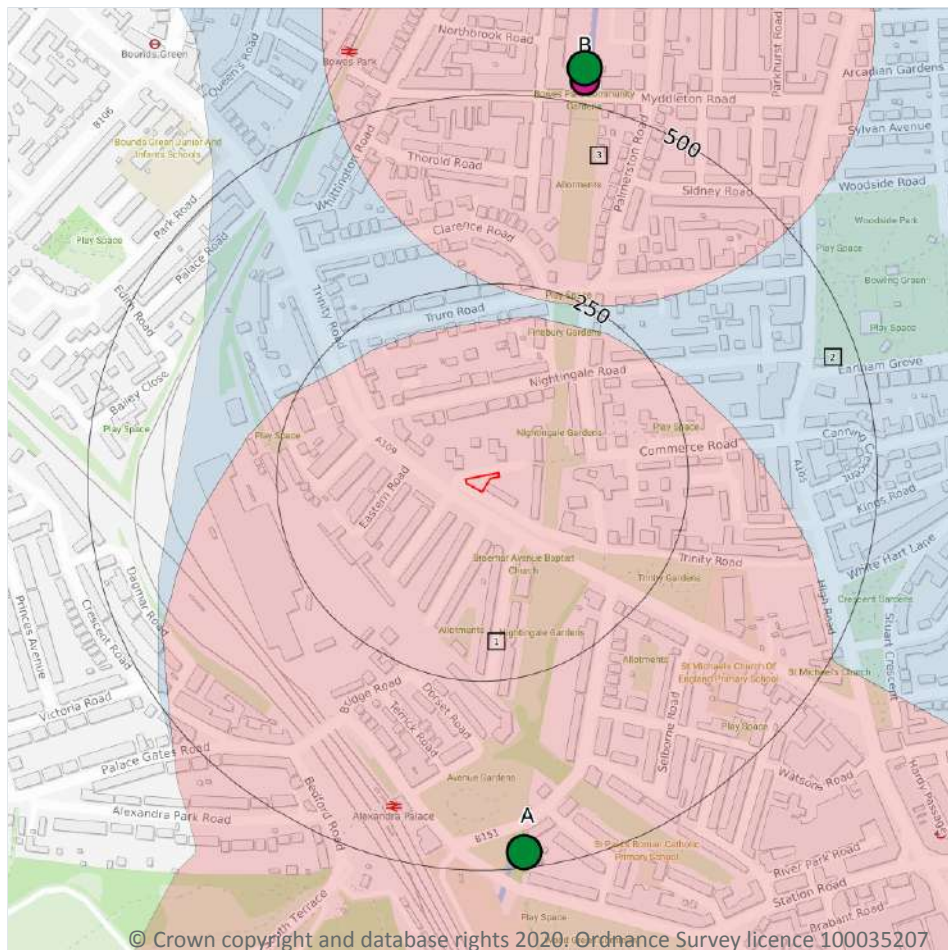
5.5 Groundwater vulnerability- local information

Records on site	0
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This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk.

This data is sourced from the British Geological Survey and the Environment Agency.

Abstractions and Source Protection Zones



- Site Outline
- Search buffers in metres (m)
- Source Protection Zone 1
Inner catchment
- Source Protection Zone 2
Outer catchment
- Source Protection Zone 3
Total catchment
- Source Protection Zone 4
Zone of Special Interest
- Source Protection Zone 1c
Inner catchment - confined aquifer
- Source Protection Zone 2c
Outer catchment - confined aquifer
- Source Protection Zone 3c
Total catchment - confined aquifer
- Drinking water abstraction licences
Polygon features
- Drinking water abstraction licences
Linear features
- Groundwater abstraction licence (point)
- Groundwater abstraction licence (area)
- Groundwater abstraction licence (linear)
- Surface Water Abstractions (point)
- Surface Water Abstractions (area)
- Surface Water Abstractions (linear)

5.6 Groundwater abstractions

Records within 2000m

20

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 47**

ID	Location	Details	
A	478m S	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: STATION ROAD - NLARS POINT 13 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530484 Northing: 190412	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
A	479m S	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: STATION ROAD - NLARS POINT 13 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530480 Northing: 190410	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
B	530m N	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: MYDDLETON ROAD - NLARS POINT 12 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530560 Northing: 191430	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
B	547m N	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: MYDDLETON ROAD - NLARS POINT 12 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530560 Northing: 191447	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	832m N	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: WHITTINGTON ROAD - NLARS POINT 11 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530600 Northing: 191730	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -



ID	Location	Details	
-	835m N	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: WHITTINGTON ROAD - NLARS POINT 11 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530594 Northing: 191734	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	1146m S	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY FILTER BEDS - NLARS POINT 14 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530589 Northing: 189752	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	1148m S	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY FILTER BEDS - NLARS POINT 14 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530590 Northing: 189750	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1256m N	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: BOWES ROAD, ENFIELD - NLARS POINT 44 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530660 Northing: 192150	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1278m N	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: BOWES ROAD, ENFIELD - NLARS POINT 44 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530663 Northing: 192172	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -

ID	Location	Details	
-	1336m W	Status: Active Licence No: TH/038/0009/044 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: BOREHOLE - CONFINED CHALK AT MUSWELL HILL GOLF CLUB Data Type: Point Name: The Muswell Hill Golf Company Limited Easting: 529066 Northing: 190897	Annual Volume (m ³): 7,300 Max Daily Volume (m ³): 60 Original Application No: - Original Start Date: 30/10/2014 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 31/08/2016 Version End Date: -
-	1357m S	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY SLUICE, NLARS POINT 15 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530690 Northing: 189555	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	1364m S	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY SLUICE, NLARS POINT 15 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530700 Northing: 189550	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1532m S	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY GATEHOUSE - NLARS POINT 16 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530784 Northing: 189397	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	1538m S	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY GATEHOUSE - NLARS POINT 16 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530780 Northing: 189390	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -



ID	Location	Details	
-	1561m N	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: KING'S ARMS BRIDGE - NLARS POINT 10 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530920 Northing: 192400	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1575m N	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: KING'S ARMS BRIDGE - NLARS POINT 10 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530917 Northing: 192415	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	1659m NE	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: OAKTHORPE ROAD - NLARS POINT 9 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 531180 Northing: 192400	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1666m NE	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: OAKTHORPE ROAD - NLARS POINT 9 Data Type: Point Name: Thames Water Utilities Ltd Easting: 531181 Northing: 192407	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	1893m N	Status: Active Licence No: 29/38/09/0099 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: BROOMFIELD PARK Data Type: Point Name: LONDON BOROUGH OF ENFIELD Easting: 530300 Northing: 192800	Annual Volume (m ³): 20,457 Max Daily Volume (m ³): 204.50 Original Application No: - Original Start Date: 20/06/1966 Expiry Date: - Issue No: 100 Version Start Date: 18/07/1980 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.



5.7 Surface water abstractions

Records within 2000m

0

Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

This data is sourced from the Environment Agency and Natural Resources Wales.

5.8 Potable abstractions

Records within 2000m

18

Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 47**

ID	Location	Details	
A	478m S	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: STATION ROAD - NLARS POINT 13 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530484 Northing: 190412	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
A	479m S	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: STATION ROAD - NLARS POINT 13 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530480 Northing: 190410	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
B	530m N	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: MYDDLETON ROAD - NLARS POINT 12 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530560 Northing: 191430	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -



ID	Location	Details	
B	547m N	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: MYDDLETON ROAD - NLARS POINT 12 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530560 Northing: 191447	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	832m N	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: WHITTINGTON ROAD - NLARS POINT 11 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530600 Northing: 191730	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	835m N	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: WHITTINGTON ROAD - NLARS POINT 11 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530594 Northing: 191734	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	1146m S	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY FILTER BEDS - NLARS POINT 14 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530589 Northing: 189752	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	1148m S	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY FILTER BEDS - NLARS POINT 14 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530590 Northing: 189750	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -



ID	Location	Details	
-	1256m N	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: BOWES ROAD, ENFIELD - NLARS POINT 44 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530660 Northing: 192150	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1278m N	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: BOWES ROAD, ENFIELD - NLARS POINT 44 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530663 Northing: 192172	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	1357m S	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY SLUICE, NLARS POINT 15 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530690 Northing: 189555	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	1364m S	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY SLUICE, NLARS POINT 15 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530700 Northing: 189550	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1532m S	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY GATEHOUSE - NLARS POINT 16 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530784 Northing: 189397	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -



ID	Location	Details	
-	1538m S	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY GATEHOUSE - NLARS POINT 16 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530780 Northing: 189390	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1561m N	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: KING'S ARMS BRIDGE - NLARS POINT 10 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530920 Northing: 192400	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1575m N	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: KING'S ARMS BRIDGE - NLARS POINT 10 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530917 Northing: 192415	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	1659m NE	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: OAKTHORPE ROAD - NLARS POINT 9 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 531180 Northing: 192400	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1666m NE	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: OAKTHORPE ROAD - NLARS POINT 9 Data Type: Point Name: Thames Water Utilities Ltd Easting: 531181 Northing: 192407	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.



5.9 Source Protection Zones

Records within 500m**3**

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination. Features are displayed on the Abstractions and Source Protection Zones map on **page 47**

ID	Location	Type	Description
1	On site	1	Inner catchment
2	200m N	2	Outer catchment
3	236m N	1	Inner catchment

This data is sourced from the Environment Agency and Natural Resources Wales.

5.10 Source Protection Zones (confined aquifer)

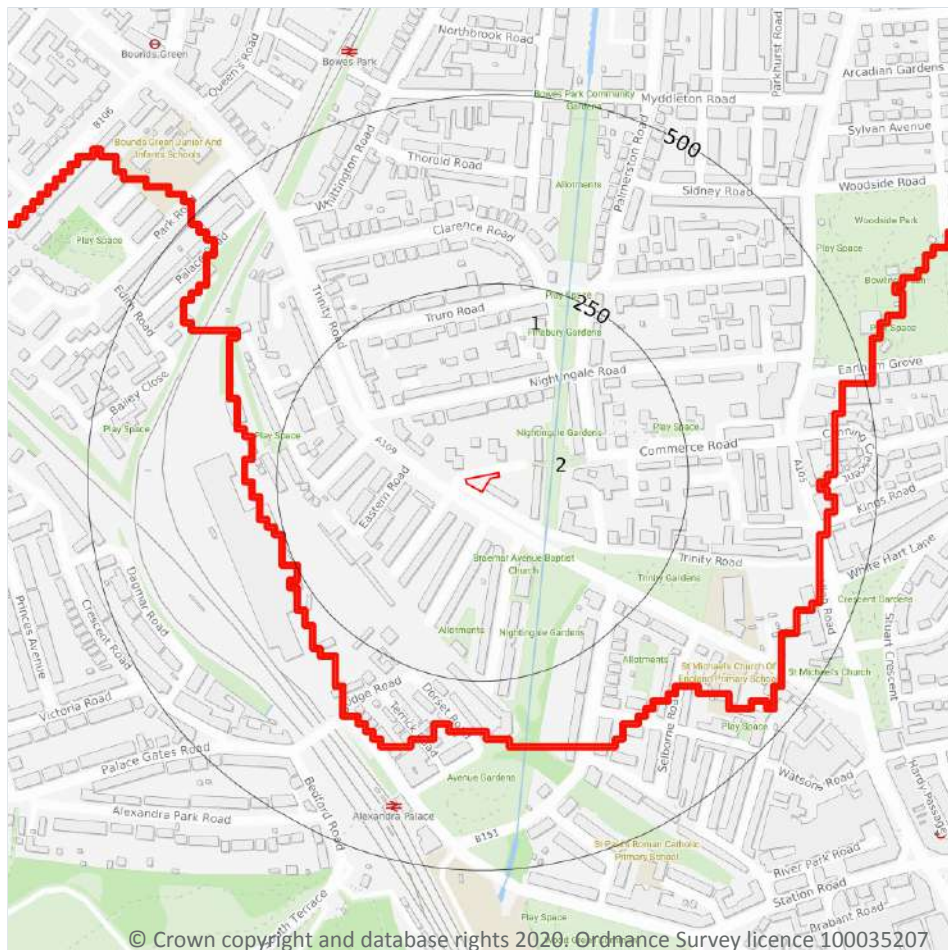
Records within 500m**0**

Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

This data is sourced from the Environment Agency and Natural Resources Wales.



6 Hydrology



- Site Outline
- Search buffers in metres (m)
- Water Network (OS MasterMap)
- Surface water features (wider than 5m)
- Surface water features (narrower than 5m)
- ⋯ WFD River, canal and surface water transfer water bodies
- WFD Lake water bodies
- WFD Transitional and coastal water bodies
- WFD Surface water body catchments boundaries
- WFD Groundwater body boundaries

6.1 Water Network (OS MasterMap)

Records within 250m

1

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

Features are displayed on the Hydrology map on **page 57**

ID	Location	Type of water feature	Ground level	Permanence	Name
2	68m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	New River

This data is sourced from the Ordnance Survey.



6.2 Surface water features

Records within 250m

0

Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site

1

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on **page 57**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	On site	River WB catchment	Pymmes Brook upstream Salmon Brook confluence	GB106038027940	Lower Lee Rivers and Lakes	London

This data is sourced from the Environment Agency and Natural Resources Wales.

6.4 WFD Surface water bodies

Records identified

1

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed.

Features are displayed on the Hydrology map on **page 57**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	1311m N	River	Pymmes Brook upstream Salmon Brook confluence	GB106038027940	Moderate	Good	Moderate	2016



This data is sourced from the Environment Agency and Natural Resources Wales.

6.5 WFD Groundwater bodies

Records on site

0

Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

This data is sourced from the Environment Agency and Natural Resources Wales.



7 River and coastal flooding

7.1 Risk of Flooding from Rivers and Sea (RoFRaS)

Records within 50m

0

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance).

This data is sourced from the Environment Agency and Natural Resources Wales.

7.2 Historical Flood Events

Records within 250m

0

Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.3 Flood Defences

Records within 250m

0

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.4 Areas Benefiting from Flood Defences

Records within 250m

0

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.



7.5 Flood Storage Areas

Records within 250m

0

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

This data is sourced from the Environment Agency and Natural Resources Wales.



River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m	0
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Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.7 Flood Zone 3

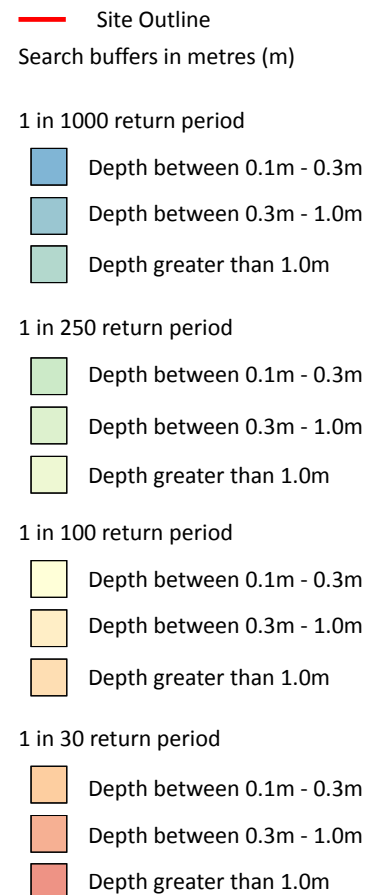
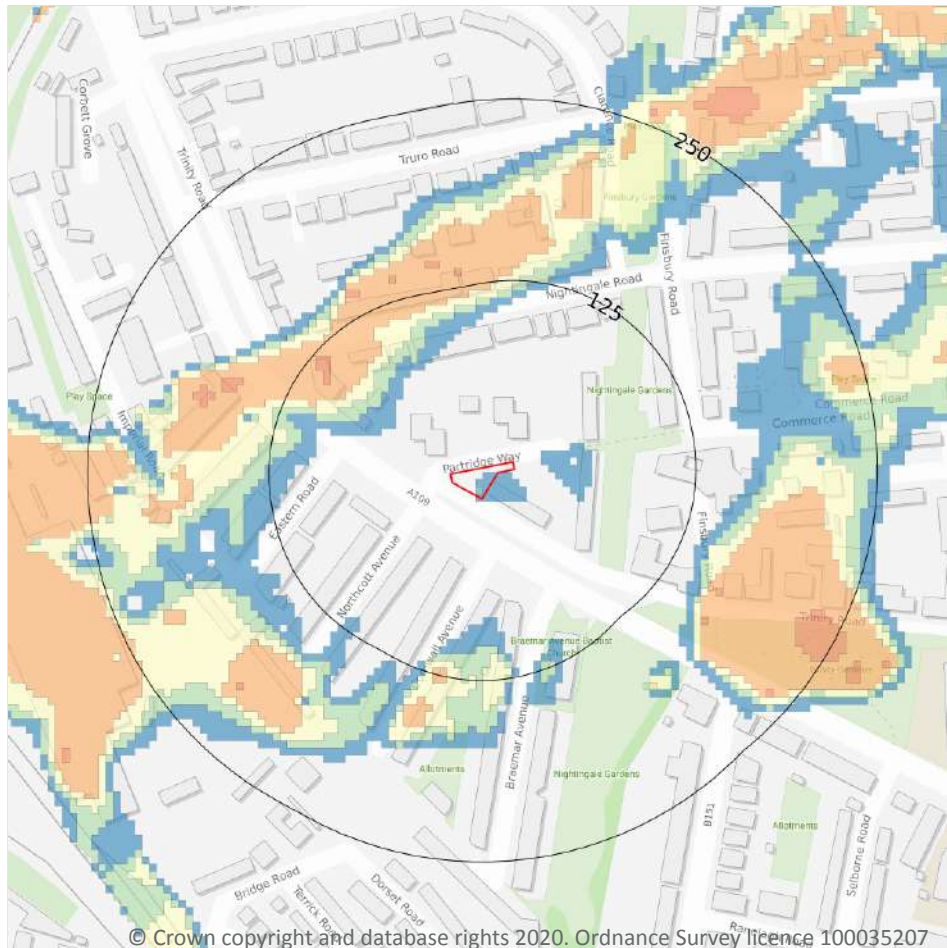
Records within 50m	0
--------------------	---

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.



8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

1 in 1000 year, 0.3m - 1.0m

Highest risk within 50m

1 in 1000 year, 0.3m - 1.0m

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

Features are displayed on the Surface water flooding map on **page 63**

The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

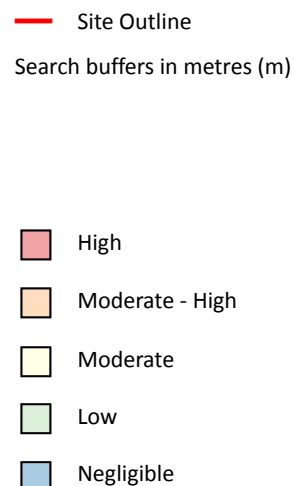
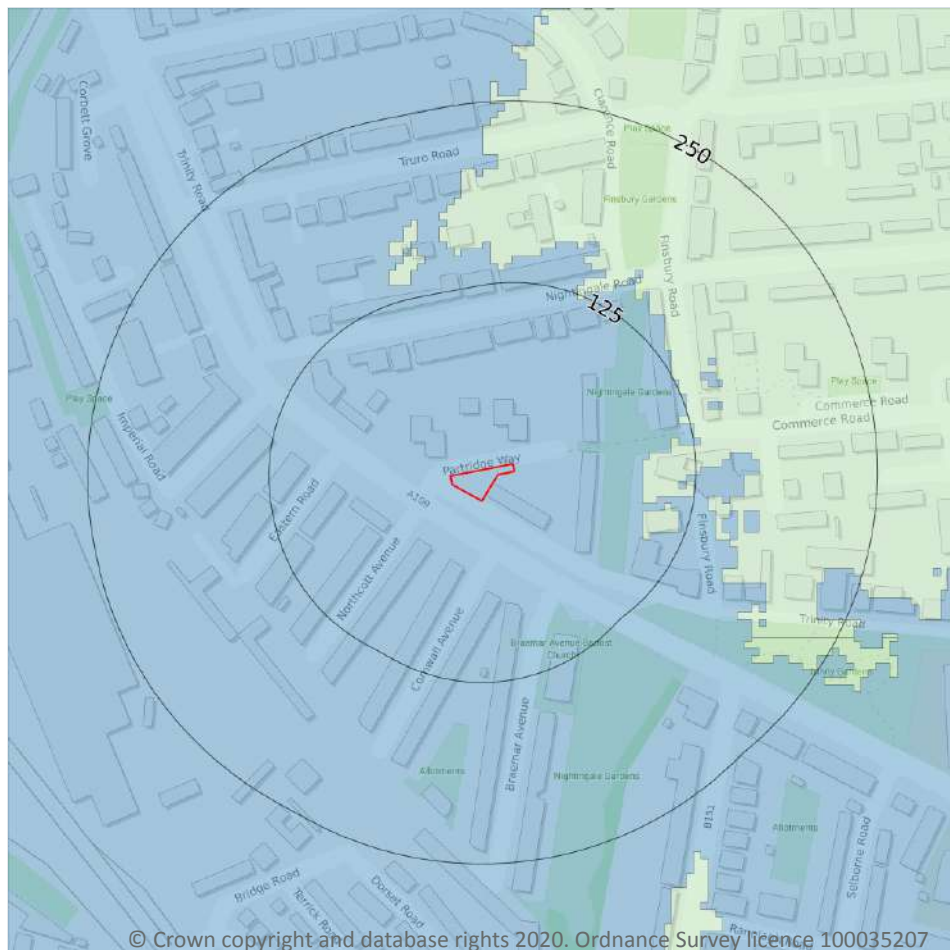
The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Between 0.3m and 1.0m
1 in 250 year	Negligible
1 in 100 year	Negligible
1 in 30 year	Negligible

This data is sourced from Ambiantal Risk Analytics.



9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

Negligible

Highest risk within 50m

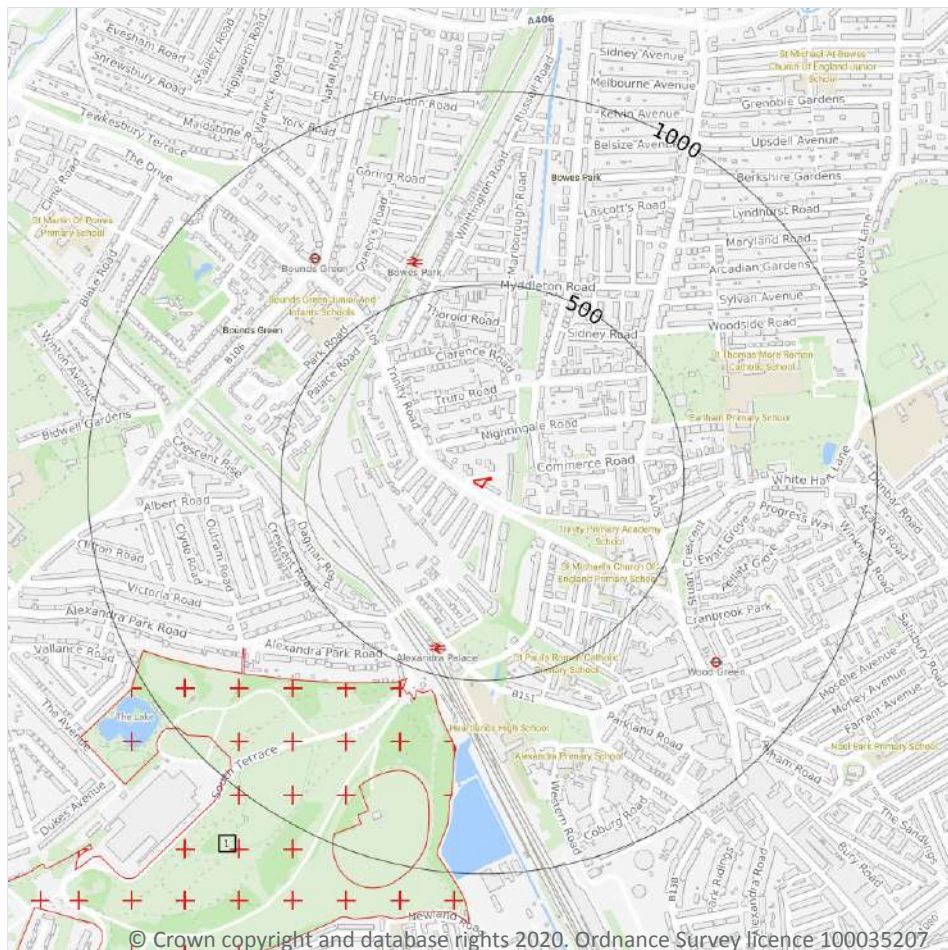
Negligible

Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

Features are displayed on the Groundwater flooding map on **page 65**

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- + Local Nature Reserves (LNR)

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were re-notified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m**0**

Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.3 Special Areas of Conservation (SAC)

Records within 2000m**0**

Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.4 Special Protection Areas (SPA)

Records within 2000m**0**

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.5 National Nature Reserves (NNR)

Records within 2000m**0**

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.6 Local Nature Reserves (LNR)

Records within 2000m

2

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

Features are displayed on the Environmental designations map on **page 66**

ID	Location	Name	Data source
1	532m S	Alexandra Palace & Park	Natural England
-	1966m SW	Parkland Walk	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.7 Designated Ancient Woodland

Records within 2000m

0

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.8 Biosphere Reserves

Records within 2000m

0

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.9 Forest Parks

Records within 2000m

0

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.



10.10 Marine Conservation Zones

Records within 2000m**0**

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.11 Green Belt

Records within 2000m**0**

Areas designated to prevent urban sprawl by keeping land permanently open.

This data is sourced from the Ministry of Housing, Communities and Local Government.

10.12 Proposed Ramsar sites

Records within 2000m**0**

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m**0**

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

This data is sourced from Natural England and Natural Resources Wales.

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m**0**

Special Protection Areas (SPAs) are areas designated (or 'classified') under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.



10.15 Nitrate Sensitive Areas

Records within 2000m

0

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

1

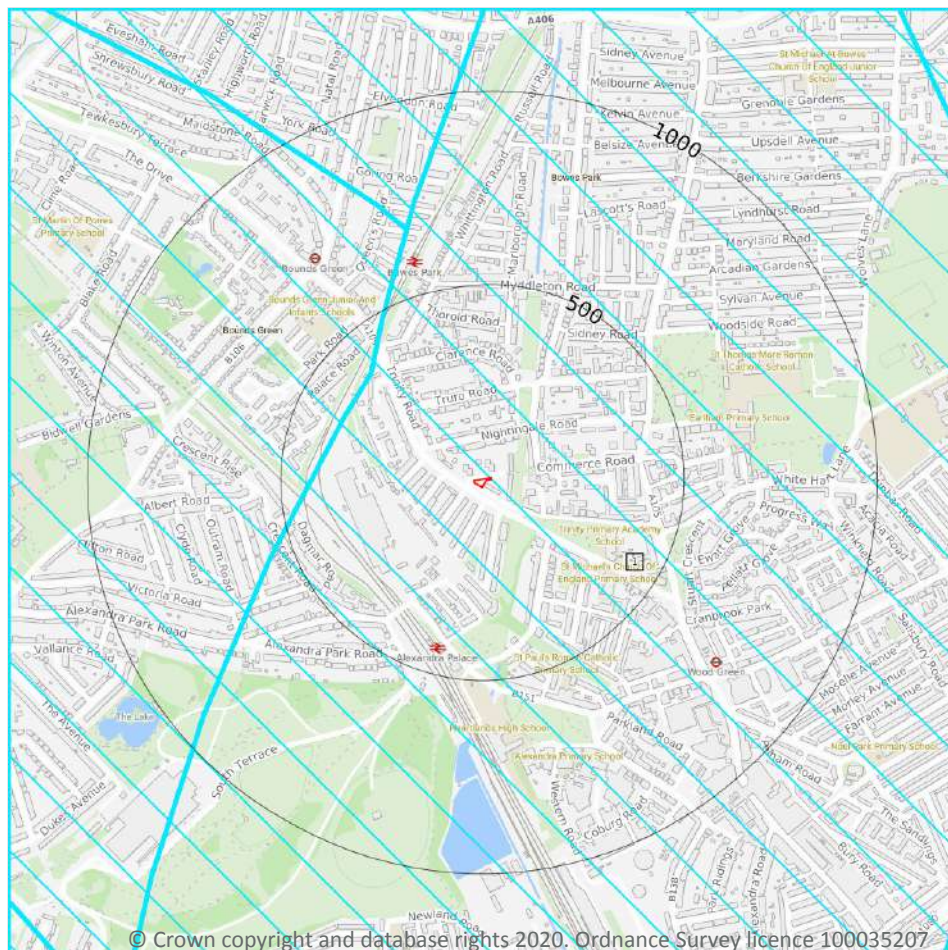
Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
On site	LEE NVZ	Surface Water	S443	Existing

This data is sourced from Natural England and Natural Resources Wales.



SSSI Impact Zones and Units



- Site Outline
- Search buffers in metres (m)
- ▨ SSSI Impact Risk Zones
- SSSI Units
- Not recorded
- Favourable
- Unfavourable - Recovering
- Unfavourable - No change
- Unfavourable - Declining
- Partially destroyed
- Destroyed

10.17 SSSI Impact Risk Zones

Records on site

1

Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

Features are displayed on the SSSI Impact Zones and Units map on **page 71**

ID	Location	Type of developments requiring consultation
1	On site	Infrastructure - Airports, helipads and other aviation proposals. Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons > 750m² & manure stores > 3500t). Combustion - General combustion processes >50MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion. Discharges - Any discharge of water or liquid waste of more than 20m³/day to ground (ie to seep away) or to surface water, such as a beck or stream (NB This does not include discharges to mains sewer which are unlikely to pose a risk at this location).

This data is sourced from Natural England.

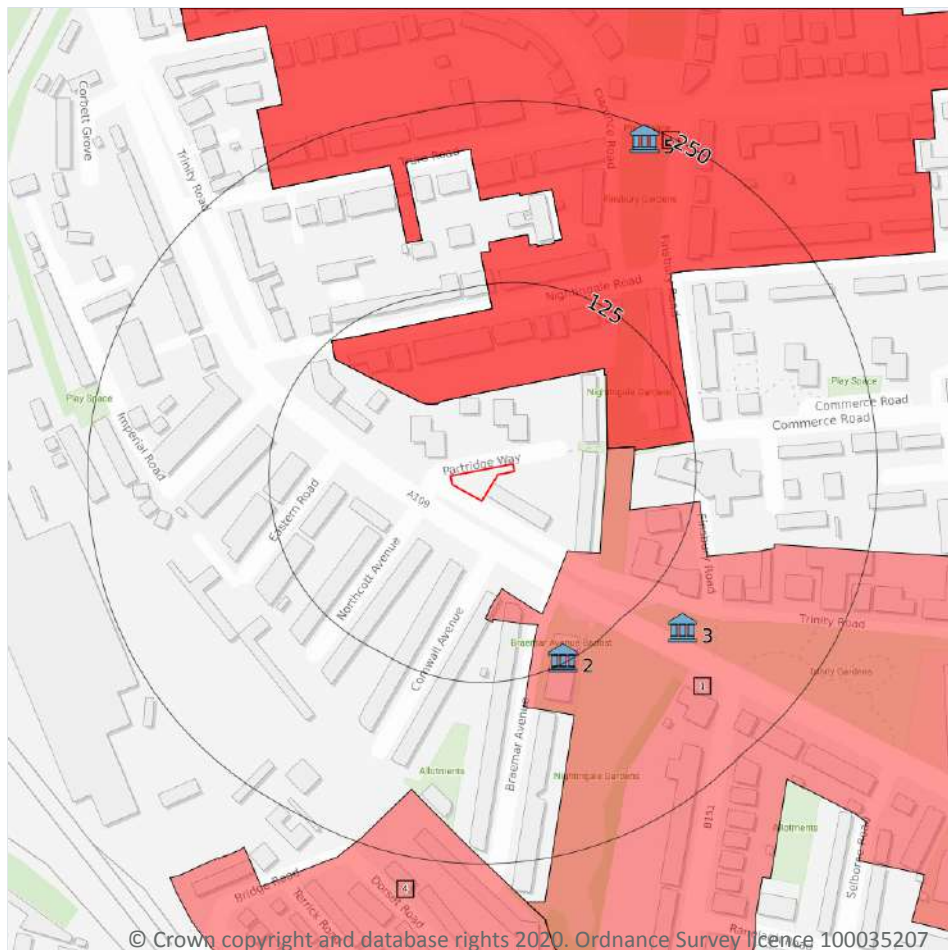
10.18 SSSI Units

Records within 2000m	0
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Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

This data is sourced from Natural England and Natural Resources Wales.

11 Visual and cultural designations



- Site Outline
- Search buffers in metres (m)
- Listed buildings
- Conservation areas
- Conservation areas - no data
- National Parks
- Areas of Outstanding Natural Beauty
- Registered parks and gardens
- Scheduled Monuments
- World Heritage Sites

11.1 World Heritage Sites

Records within 250m

0

Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.2 Area of Outstanding Natural Beauty

Records within 250m

0

Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.3 National Parks

Records within 250m

0

In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic well-being of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

This data is sourced from Natural England, Natural Resources Wales and the Scottish Government.

11.4 Listed Buildings

Records within 250m

3

Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.

Features are displayed on the Visual and cultural designations map on **page 73**

ID	Location	Name	Grade	Reference Number	Listed date
2	122m SE	Braemar Avenue Baptist Chapel, Haringey, London, N22	II	1358880	06/07/1976
3	158m SE	Obelisk Memorial Drinking Fountain, Haringey, London, N22	II	1359592	18/02/2002
5	242m N	Fragment Of Canal Bridge In Children's Playground, Haringey, London, N22	II	1079171	10/05/1974

This data is sourced from English Heritage, Cadw and Historic Environment Scotland.



11.5 Conservation Areas

Records within 250m

4

Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.

Features are displayed on the Visual and cultural designations map on **page 73**

ID	Location	Name	District	Date of designation
A	50m N	Bowes Park, Haringey	Haringey	29/11/1994
A	50m N	Bowes Park, Haringey	Haringey	29/11/1994
1	62m S	Trinity Gardens, Haringey	Haringey	22/09/1978
4	204m S	Wood Green Common, Haringey	Haringey	26/03/1976

This data is sourced from English Heritage, Cadw and Historic Environment Scotland.

11.6 Scheduled Ancient Monuments

Records within 250m

0

A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

This data is sourced from English Heritage, Cadw and Historic Environment Scotland.

11.7 Registered Parks and Gardens

Records within 250m

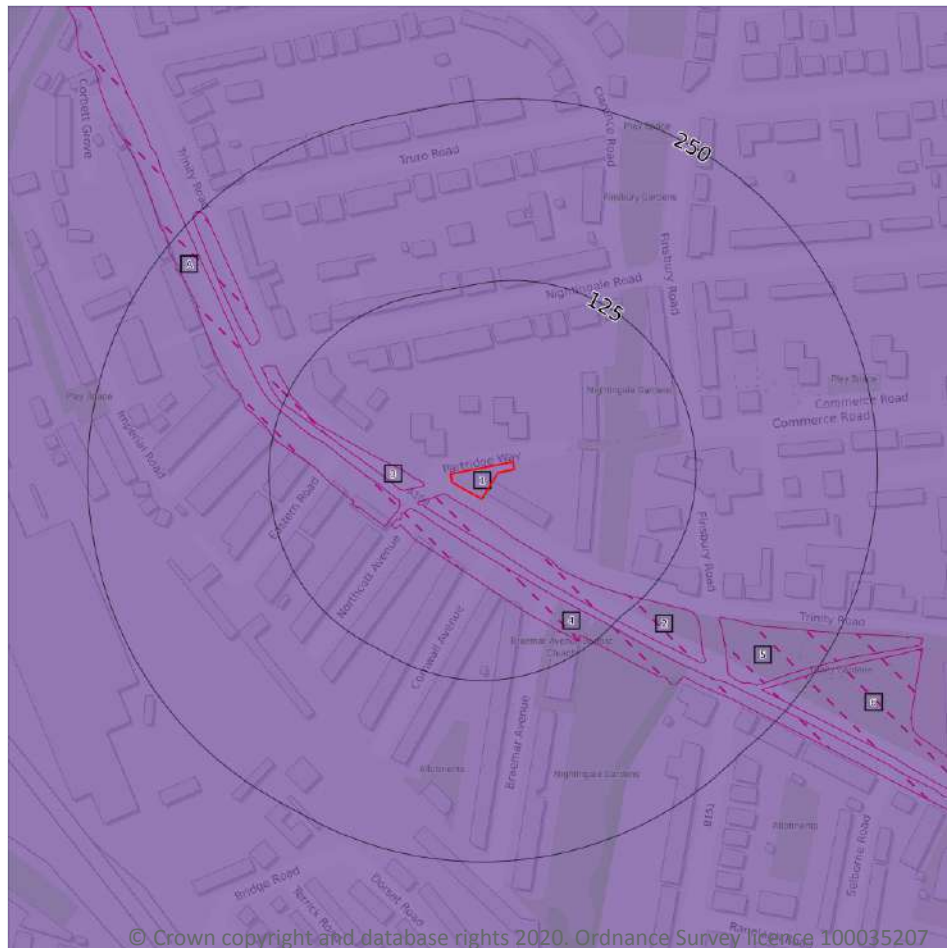
0

Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

This data is sourced from English Heritage, Cadw and Historic Environment Scotland.



12 Agricultural designations



- Site Outline
- Search buffers in metres (m)
- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3 - good to moderate quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Non-agricultural land
- Urban land
- Exclusion land
- Tree felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m

1

Classification of the quality of agricultural land taking into consideration multiple factors including climate, physical geography and soil properties. It should be noted that the categories for the grading of agricultural land are not consistent across England, Wales and Scotland.

Features are displayed on the Agricultural designations map on **page 76**

ID	Location	Classification	Description
1	On site	Urban	-

This data is sourced from Natural England.



12.2 Open Access Land

Records within 250m

7

The Countryside and Rights of Way Act 2000 (CROW Act) gives a public right of access to land without having to use paths. Access land includes mountains, moors, heaths and downs that are privately owned. It also includes common land registered with the local council and some land around the England Coast Path. Generally permitted activities on access land are walking, running, watching wildlife and climbing.

Features are displayed on the Agricultural designations map on **page 76**

ID	Location	Name	Classification	Other relevant legislation
2	9m SW	Tottenham Commons	Section 15 Land	Metropolitan
3	19m W	Tottenham Commons	Section 15 Land	Metropolitan
4	30m SW	Tottenham Commons	Section 15 Land	Metropolitan
A	38m W	Tottenham Commons	Section 15 Land	Metropolitan
A	161m NW	Tottenham Commons	Section 15 Land	Metropolitan
5	175m SE	Tottenham Commons	Section 15 Land	Metropolitan
6	228m SE	Tottenham Commons	Section 15 Land	Metropolitan

This data is sourced from Natural England and Natural Resources Wales.

12.3 Tree Felling Licences

Records within 250m

0

Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m

0

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment.

This data is sourced from Natural England.



12.5 Countryside Stewardship Schemes

Records within 250m

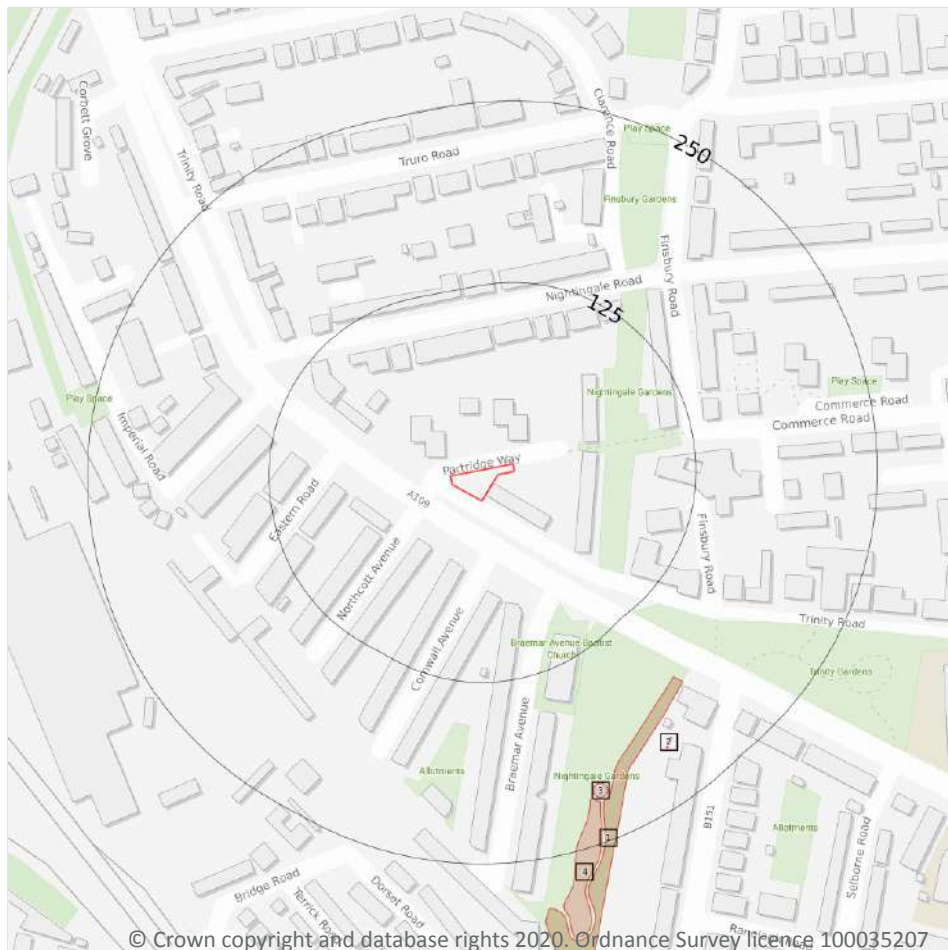
0

Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

This data is sourced from Natural England.



13 Habitat designations



- Site Outline
- Search buffers in metres (m)
- Priority Habitat Inventory
- Open Mosaic Habitat
- Limestone Pavement Orders
- Habitat Networks
- Primary Habitat
- Restorable Habitat
- Associated Habitats
- Habitat Restoration-Creation
- Network Enhancement Zone 1
- Network Enhancement Zone 2

13.1 Priority Habitat Inventory

Records within 250m

4

Habitats of principal importance as named under Natural Environment and Rural Communities Act (2006) Section 41.

Features are displayed on the Habitat designations map on **page 79**

ID	Location	Main Habitat	Other habitats
1	179m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	208m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	210m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	219m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)



This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m

0

Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m

0

Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

Records within 250m

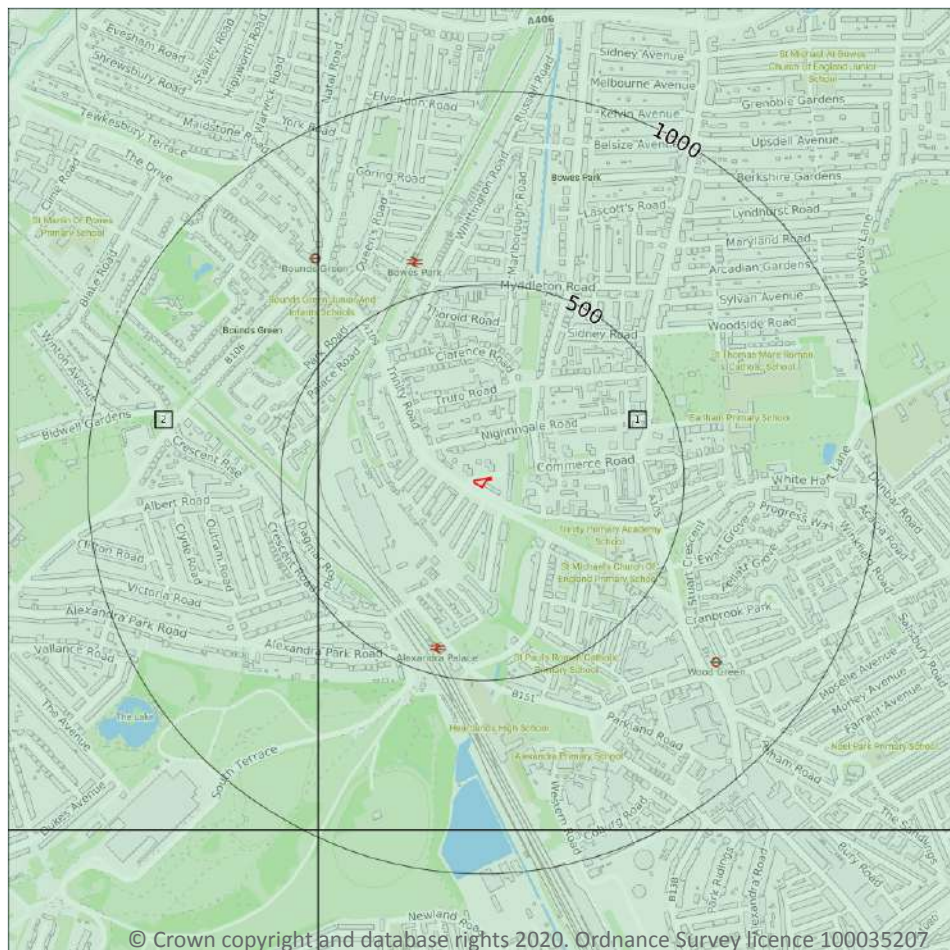
0

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.



14 Geology 1:10,000 scale - Availability



- Site Outline
- Search buffers in metres (m)
- Full coverage
 - Partial coverage
 - No coverage

14.1 10k Availability

Records within 500m

2

An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:10,000 scale - Availability map on **page 81**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	TQ39SW
2	403m W	Full	Full	Full	No coverage	TQ29SE

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Artificial and made ground

14.2 Artificial and made ground (10k)

Records within 500m

0

Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial

14.3 Superficial geology (10k)

Records within 500m

0

Superficial geological deposits at 1:10,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

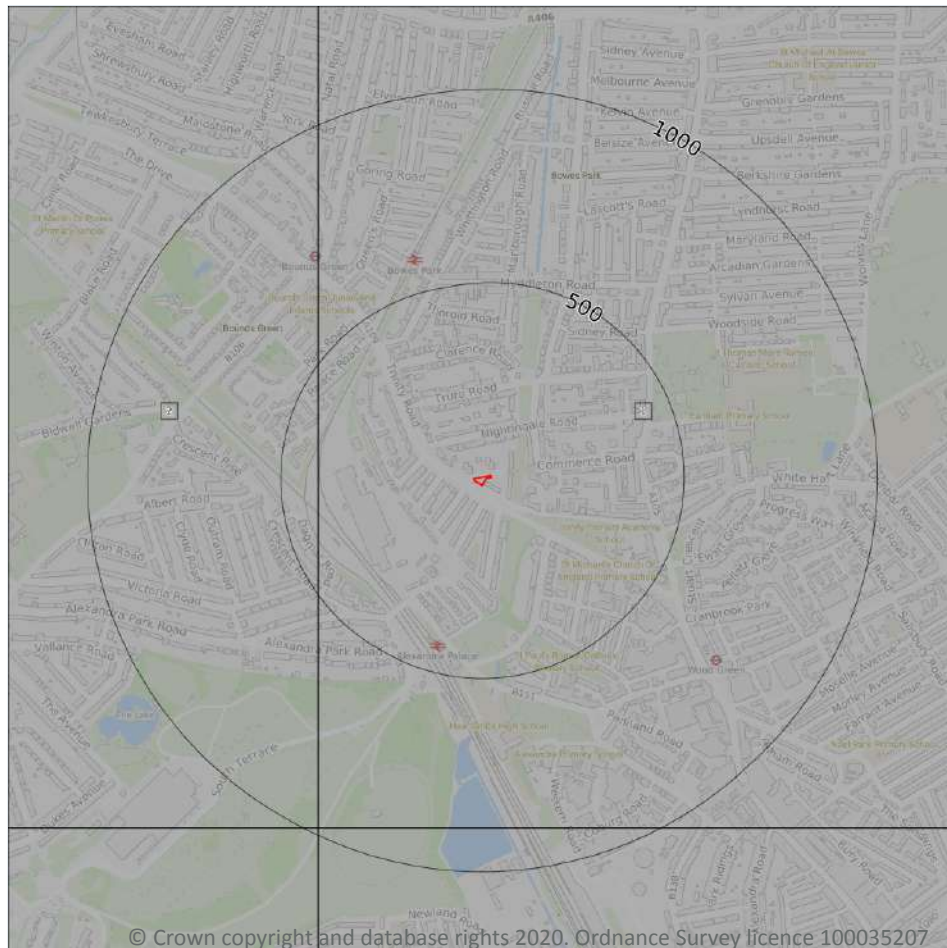
0

Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock



— Site Outline

Search buffers in metres (m)

.... Bedrock faults and other linear features (10k)

Bedrock geology (10k)
Please see table for more details.

14.5 Bedrock geology (10k)

Records within 500m

2

Bedrock geology at 1:10,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 84**

ID	Location	LEX Code	Description	Rock age
1	On site	LC-CLAY	London Clay Formation - Clay	Eocene Epoch
2	403m W	LC-CLAY	London Clay Formation - Clay	Eocene Epoch

This data is sourced from the British Geological Survey.



14.6 Bedrock faults and other linear features (10k)

Records within 500m

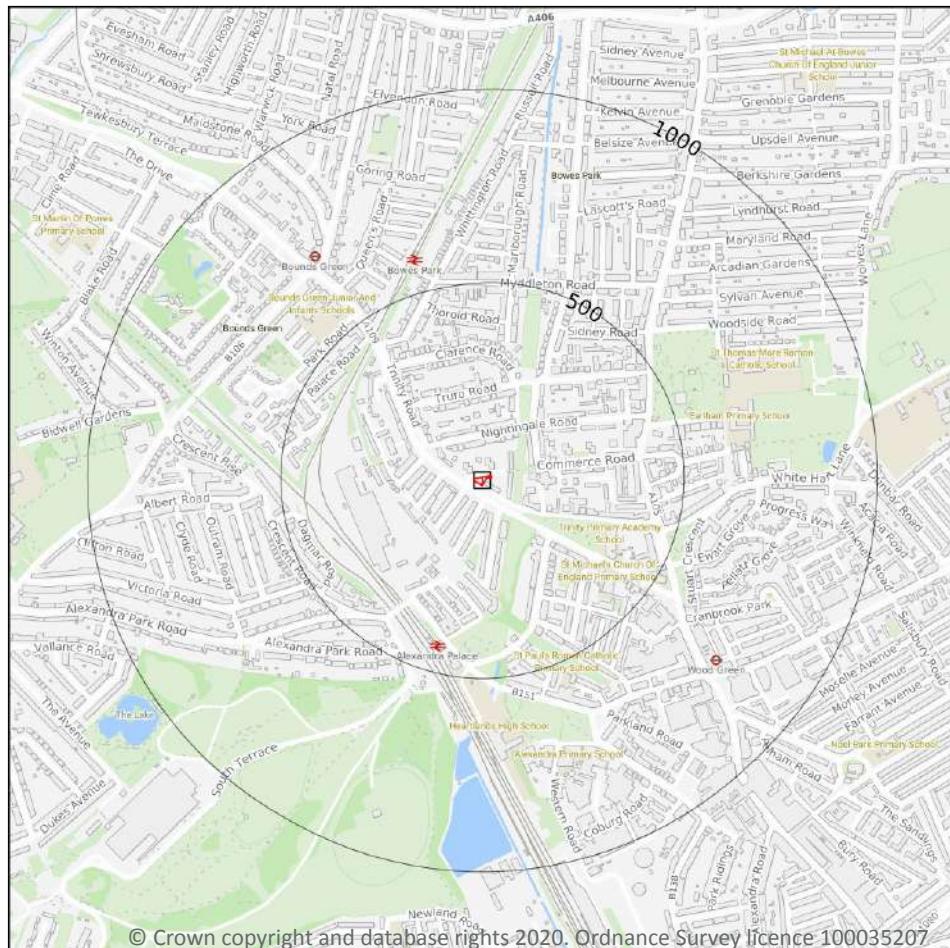
0

Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



- Site Outline
- Search buffers in metres (m)
- Geological map tile

15.1 50k Availability

Records within 500m

1

An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

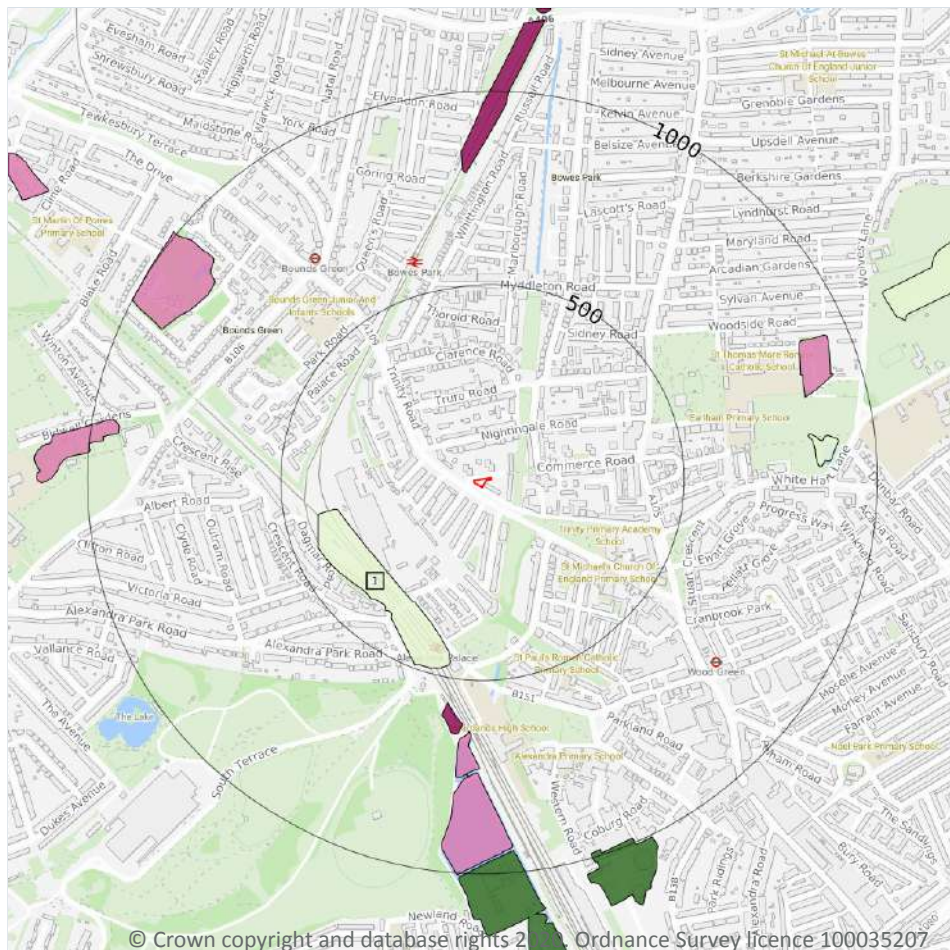
Features are displayed on the Geology 1:50,000 scale - Availability map on **page 86**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW256_north_london_v4

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Artificial and made ground



- Site Outline
- Search buffers in metres (m)
- Made ground
 - Worked ground
 - Infilled ground
 - Disturbed ground
 - Landscaped ground

15.2 Artificial and made ground (50k)

Records within 500m

1

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on **page 87**

ID	Location	LEX Code	Description	Rock description
1	320m SW	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m

0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial

15.4 Superficial geology (50k)

Records within 500m

0

Superficial geological deposits at 1:50,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m

0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any superficial deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m

0

Mass movement deposits on BGS geological maps at 1:50,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

15.7 Landslip permeability (50k)

Records within 50m

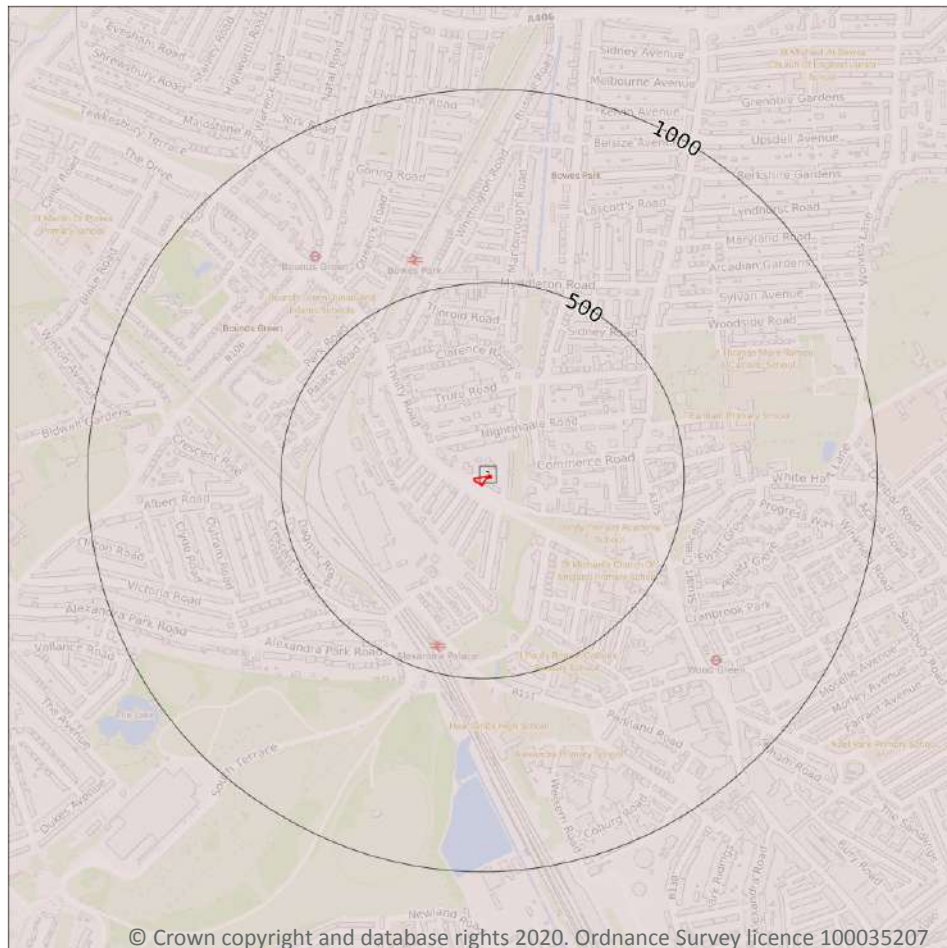
0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any landslip deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Bedrock



— Site Outline

Search buffers in metres (m)

.... Bedrock faults and other linear features (50k)

Bedrock geology (50k)
Please see table for more details.

15.8 Bedrock geology (50k)

Records within 500m

1

Bedrock geology at 1:50,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 90**

ID	Location	LEX Code	Description	Rock age
1	On site	LC-XCZS	LONDON CLAY FORMATION - CLAY, SILT AND SAND	YPRESIAN

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m**1**

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of bedrock (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	Mixed	Moderate	Very Low

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m**0**

Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.



16 Boreholes

16.1 BGS Boreholes

Records within 250m

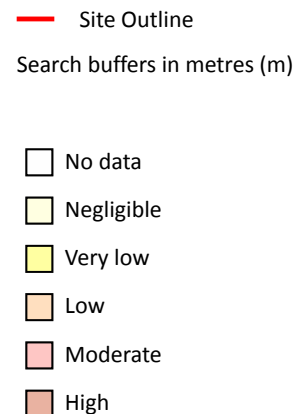
0

The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several thousand metres deep.

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



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17.1 Shrink swell clays

Records within 50m

1

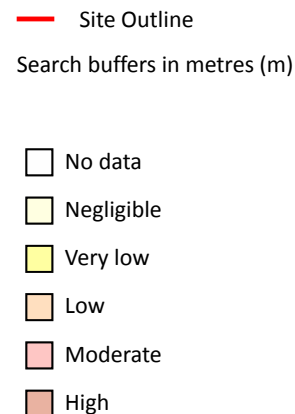
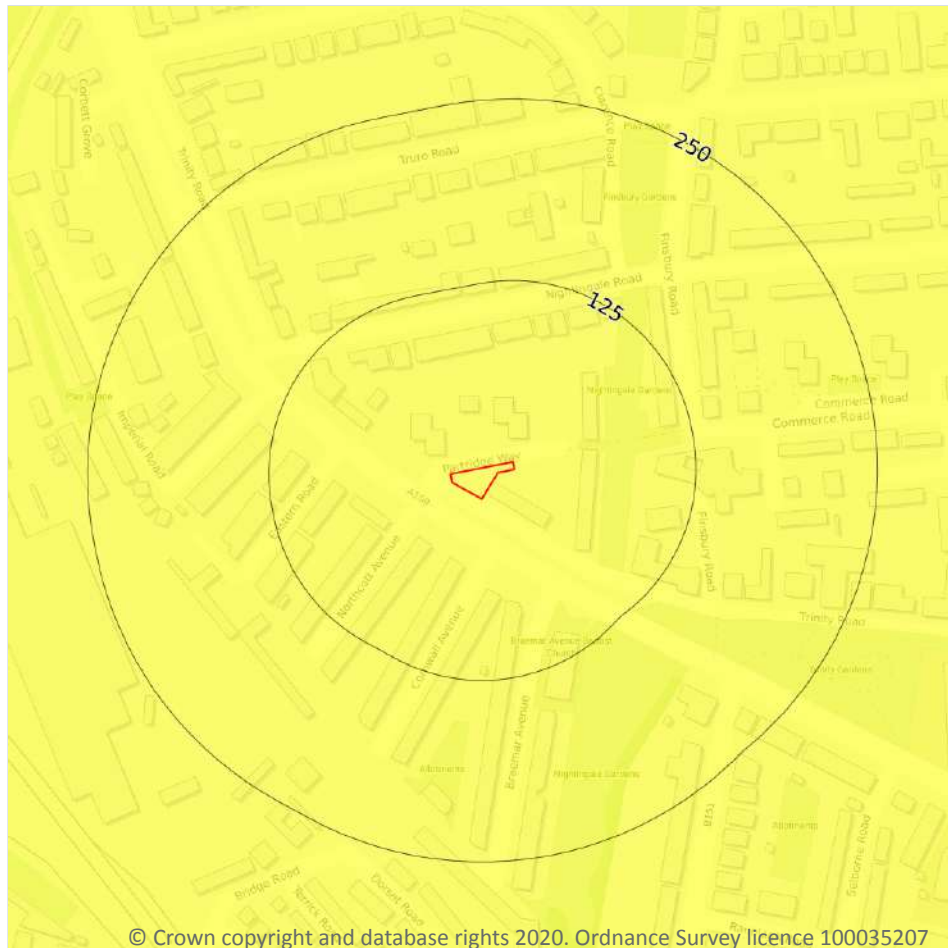
The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and local drainage).

Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 93**

Location	Hazard rating	Details
On site	Moderate	Ground conditions predominantly high plasticity.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Running sands



17.2 Running sands

Records within 50m

1

The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

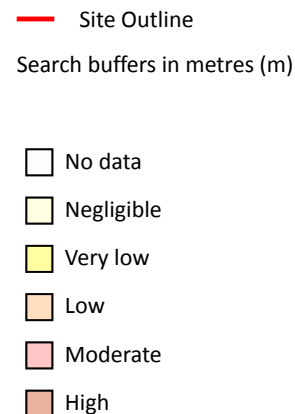
Features are displayed on the Natural ground subsidence - Running sands map on **page 94**

Location	Hazard rating	Details
On site	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



17.3 Compressible deposits

Records within 50m

1

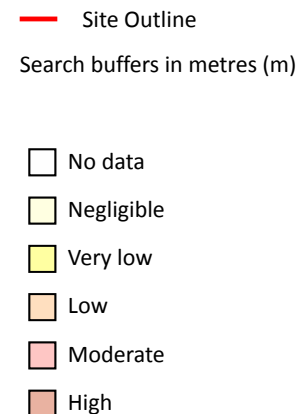
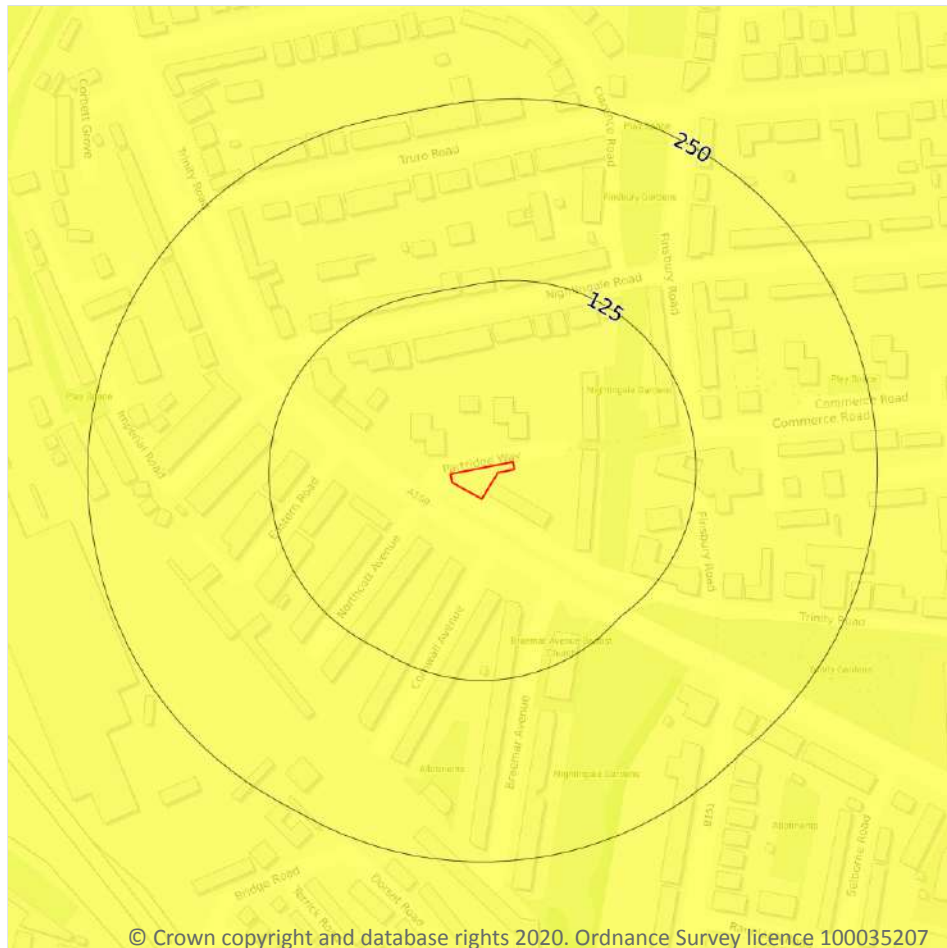
The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 95**

Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Collapsible deposits



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17.4 Collapsible deposits

Records within 50m

1

The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

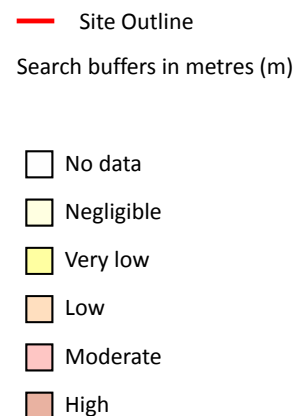
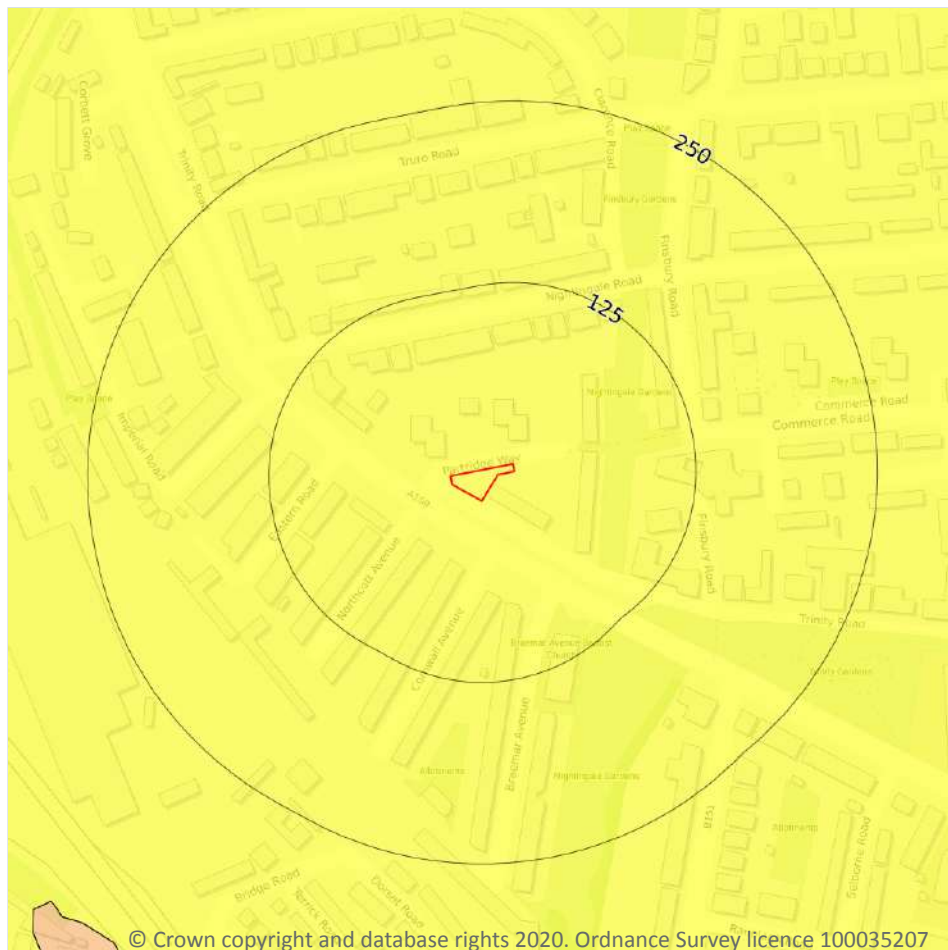
Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 96**

Location	Hazard rating	Details
On site	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Landslides



17.5 Landslides

Records within 50m

1

The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

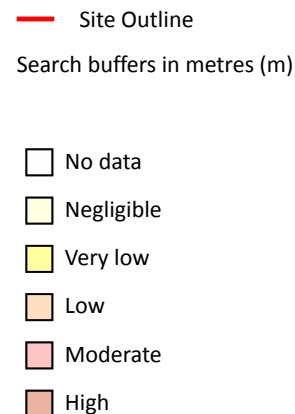
Features are displayed on the Natural ground subsidence - Landslides map on **page 97**

Location	Hazard rating	Details
On site	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



17.6 Ground dissolution of soluble rocks

Records within 50m

1

The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

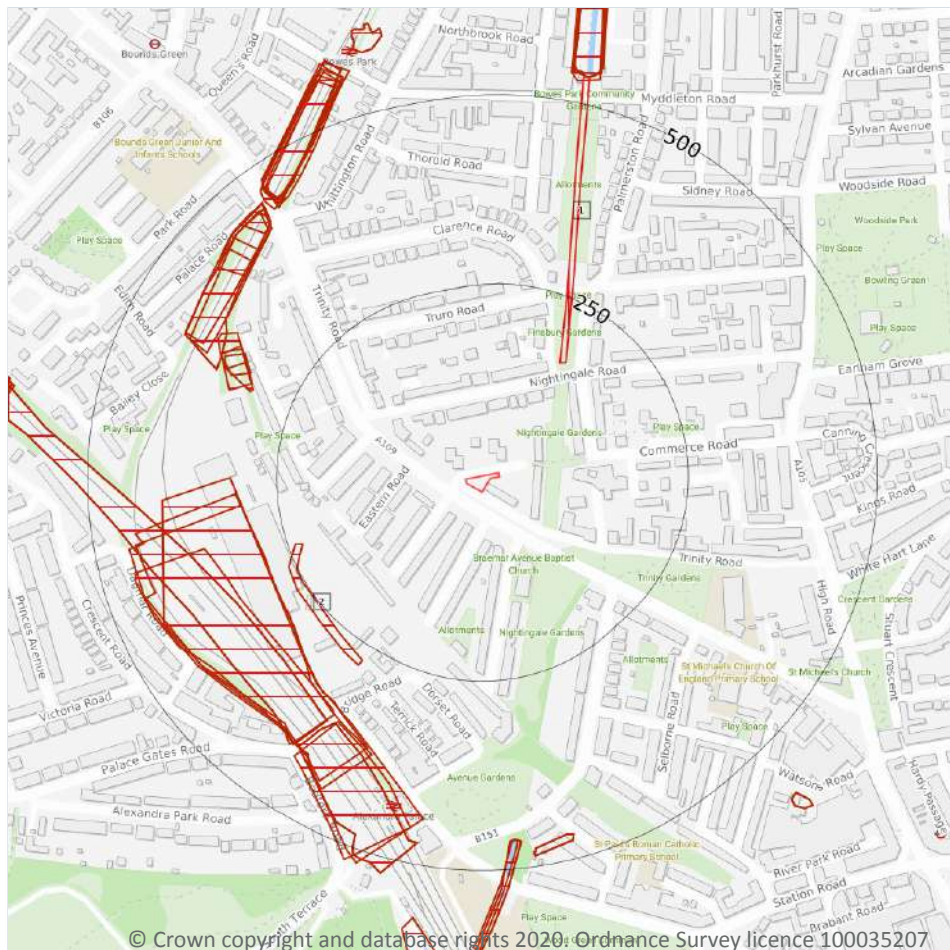
Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 98**

Location	Hazard rating	Details
On site	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.

This data is sourced from the British Geological Survey.



18 Mining, ground workings and natural cavities



- Site Outline
- Search buffers in metres (m)
- Natural cavities (Area)
- Natural cavities (Point)
- BritPits
- Surface ground workings
- Underground workings
- Historical Mineral Planning Areas
- Mining Cavities
- Non Coal Mining
- Sporadic underground mining of restricted extent possible
- Localised small scale underground mining possible
- Small scale mining possible
- Underground mining known or likely within or in close proximity
- Underground mining known within or in very close proximity

18.1 Natural cavities

Records within 500m

0

Industry recognised national database of natural cavities. Sinkholes and caves are formed by the dissolution of soluble rock, such as chalk and limestone, gulls and fissures by cambering. Ground instability can result from movement of loose material contained within these cavities, often triggered by water.

This data is sourced from Peter Brett Associates (PBA).

18.2 BritPits

Records within 500m

0

BritPits (an abbreviation of British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Details of major mineral handling sites, such as wharfs and rail depots are also held in the database.

This data is sourced from the British Geological Survey.

18.3 Surface ground workings

Records within 250m

1

Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining, ground workings and natural cavities map on **page 99**

ID	Location	Land Use	Year of mapping	Mapping scale
2	231m W	Unspecified Ground Workings	1894	1:10560

This data is sourced from Ordnance Survey/Groundsure.

18.4 Underground workings

Records within 1000m

12

Historical land uses identified from Ordnance Survey mapping that indicate the presence of underground workings e.g. mine shafts.

Features are displayed on the Mining, ground workings and natural cavities map on **page 99**

ID	Location	Land Use	Year of mapping	Mapping scale
1	167m NE	Tunnel	1894	1:10560
-	734m W	Tunnels	1894	1:10560
-	734m W	Tunnels	1913	1:10560
-	738m W	Tunnel	1869	1:10560
-	738m W	Tunnel	1879	1:10560
-	738m W	Tunnel	1879	1:10560
-	747m W	Tunnels	1938	1:10560
-	755m W	Tunnel	1987	1:10000



ID	Location	Land Use	Year of mapping	Mapping scale
-	755m W	Tunnel	1980	1:10000
-	755m W	Tunnel	1962	1:10560
-	755m W	Tunnel	1973	1:10000
-	755m W	Tunnels	1940	1:10560

This data is sourced from Ordnance Survey/Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m

0

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m

0

The potential for historical non-coal mining to have affected an area. The assessment is drawn from expert knowledge and literature in addition to the digital geological map of Britain. Mineral commodities may be divided into seven general categories - vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert).

This data is sourced from the British Geological Survey.

18.7 Mining cavities

Records within 1000m

0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

This data is sourced from Peter Brett Associates (PBA).



18.8 JPB mining areas

Records on site	0
-----------------	---

Areas which could be affected by former coal mining. This data includes some mine plans unavailable to the Coal Authority.

This data is sourced from Johnson Poole and Bloomer.

18.9 Coal mining

Records on site	0
-----------------	---

Areas which could be affected by past, current or future coal mining.

This data is sourced from the Coal Authority.

18.10 Brine areas

Records on site	0
-----------------	---

The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

This data is sourced from the Cheshire Brine Subsidence Compensation Board.

18.11 Gypsum areas

Records on site	0
-----------------	---

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

Records on site	0
-----------------	---

Generalised areas that may be affected by historical tin mining.

This data is sourced from Mining Searches UK.

18.13 Clay mining

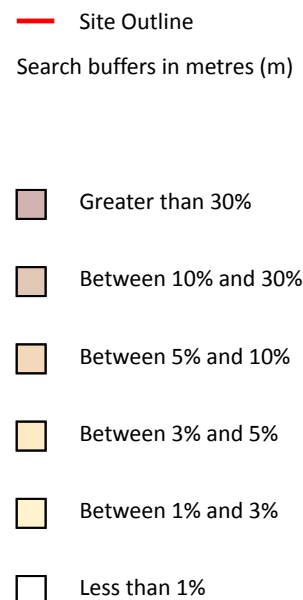
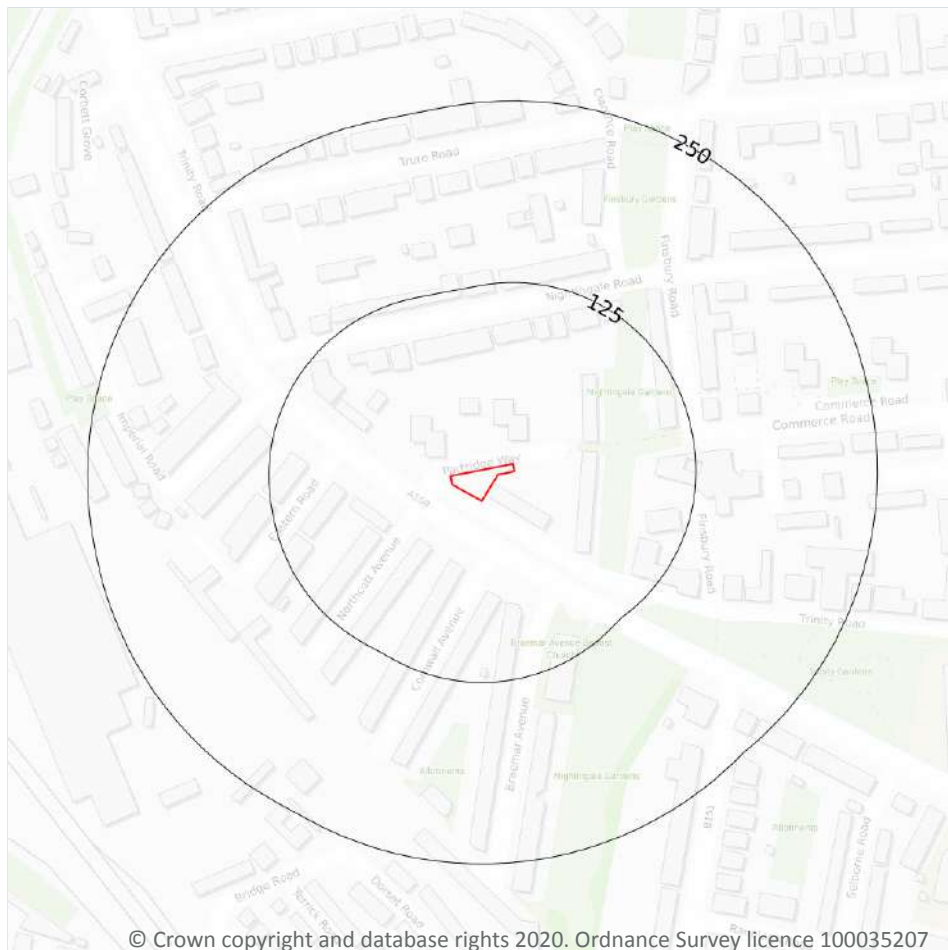
Records on site	0
-----------------	---

Generalised areas that may be affected by kaolin and ball clay extraction.

This data is sourced from the Kaolin and Ball Clay Association (UK).



19 Radon



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19.1 Radon

Records on site

1

Estimated percentage of dwellings exceeding the Radon Action Level. This data is the highest resolution radon dataset available for the UK and is produced to a 75m level of accuracy to allow for geological data accuracy and a 'residential property' buffer. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain. The data was derived from both geological assessments and long term measurements of radon in more than 479,000 households.

Features are displayed on the Radon map on **page 104**

Location	Estimated properties affected	Radon Protection Measures required
On site	Less than 1%	None**

This data is sourced from the British Geological Survey and Public Health England.



20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m

1

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km². In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km²; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	No data	No data	No data	No data	No data	No data	No data

This data is sourced from the British Geological Survey.

20.2 BGS Estimated Urban Soil Chemistry

Records within 50m

4

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km²).

Location	Arsenic (mg/kg)	Bioaccessible Arsenic (mg/kg)	Lead (mg/kg)	Bioaccessible Lead (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Nickel (mg/kg)	Tin (mg/kg)
On site	22	3.8	426	293	1.1	86	124	38	45
On site	22	3.8	418	287	1.1	86	122	37	44
3m NW	22	3.8	417	286	1.1	86	124	38	44
3m SW	22	3.8	405	278	1.1	86	121	37	43

This data is sourced from the British Geological Survey.



20.3 BGS Measured Urban Soil Chemistry

Records within 50m

1

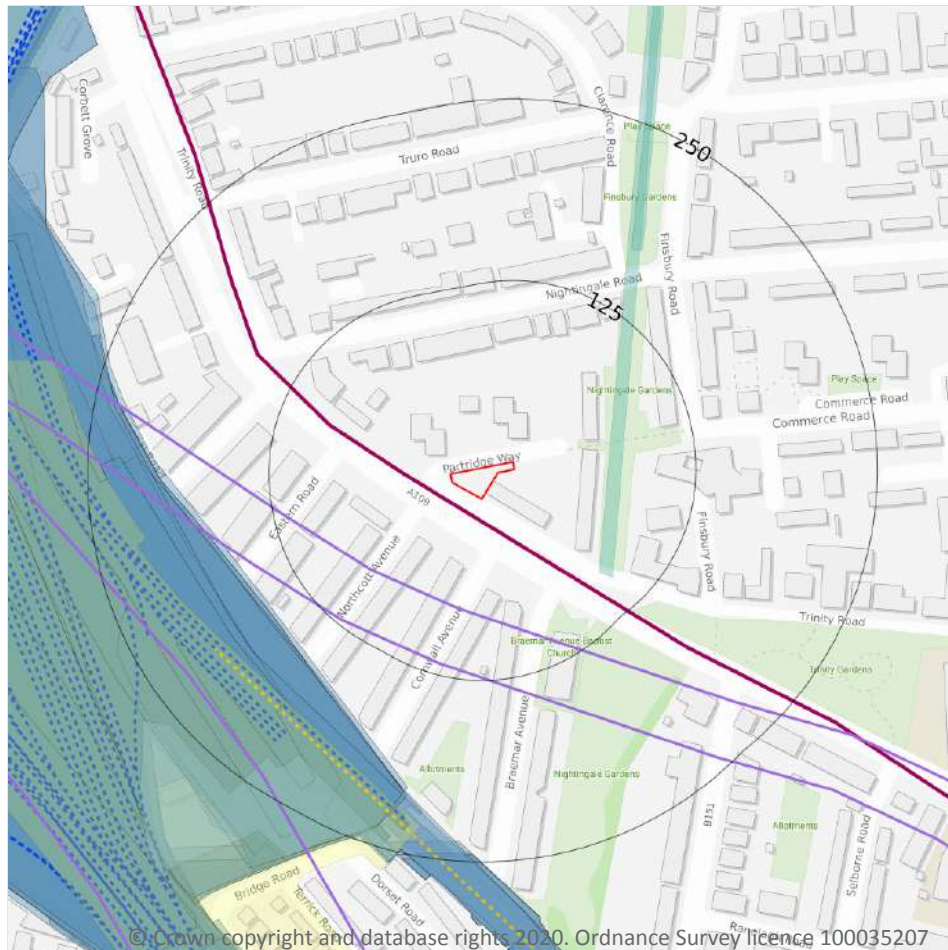
The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km².

Location	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Tin (mg/kg)	Sample Type
43m W	21.7	1.1	85.8	120.3	37.0	399.0	43.2	Topsoil

This data is sourced from the British Geological Survey.



21 Railway infrastructure and projects



- Site Outline
- Search buffers in metres (m)
- C1 Crossrail 1 Stations
- Crossrail 1 Route
- Crossrail 1 Worksites
- C2 Crossrail 2 Stations
- Crossrail 2 Route
- Crossrail 2 Worksites
- Crossrail 2 Safeguarding
- Crossrail 2 Headhouses
- Railway stations
- Active railways
- Active tunnels
- Abandoned railways
- Historic railways
- Historic tunnels
- Underground stations
- Underground Lines
- Royal Mail tunnels
- HS2 optimised route
- HS2 Stations
- HS2 Depots
- HS2 Surface Safeguarding
- HS2 Subsurface Safeguarding

21.1 Underground railways (London)

Records within 250m

1

Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

Features are displayed on the Railway infrastructure and projects map on **page 107**

Location	Line Name	Line Section	Track Type	Depth (m bgl)	Operational hours
7m SW	Piccadilly Line	Piccadilly Line	Tunnel	17.84	Mon-Thu: Early 0449 Late 0059, Fri-Sat: 24hr service, Sun: Late 0056

This data is sourced from publicly available information by Groundsure.



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

23

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 107**

Location	Land Use	Year of mapping	Mapping scale
64m E	Tunnel	1896	2500
151m SW	Railway Sidings	1938	10560
154m SW	Railway Sidings	1966	10560
154m SW	Railway Sidings	1974	10000
156m SW	Railway Sidings	1982	10000
157m SW	Railway	1914	-
158m SW	Railway Sidings	1894	10560
167m NE	Tunnel	1894	10560
178m SW	Railway Sidings	1920	10560
179m SW	Railway Sidings	1951	10560
179m SW	Railway Sidings	1954	2500
184m SW	Railway Sidings	1911	10560



Location	Land Use	Year of mapping	Mapping scale
185m SW	Railway Sidings	1954	1250
188m SW	Railway Sidings	1896	2500
188m SW	Railway Sidings	1990	1250
188m SW	Railway Sidings	1971	1250
188m SW	Railway Sidings	1983	1250
188m SW	Railway Sidings	1987	1250
189m SW	Railway Sidings	1935	2500
190m SW	Railway Sidings	1997	1250
236m S	Railways	1896	-
244m S	Railways	1938	-
245m S	Railways	1914	-

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 107**

Location	Description
195m SW	Abandoned

This data is sourced from OpenStreetMap.



21.7 Railways

Records within 250m

10

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 107**

Location	Name	Type
191m SW	-	rail
199m SW	-	rail
203m SW	-	rail
207m SW	-	rail
211m SW	-	rail
216m W	-	rail
230m W	-	rail
233m W	-	rail
234m W	-	rail
240m W	-	rail

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

2

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

Features are displayed on the Railway infrastructure and projects map on **page 107**



Location	Route Type	Name	Under consultation
76m SW	Tunnelled route	Option via Wood Green	Yes
225m SW	Tunnelled route	Option via Turnpike Lane and Alexandra Palace	Yes

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 3 – OS HISTORICAL MAPS

Site Details:

PARTRIDGE WAY, WOOD
GREEN, LONDON, N22 8DT

Client Ref: P2794JJ2049-1
Report Ref: HMD-377-6986784
Grid Ref: 530425, 190899

Map Name: County Series

Map date: 1864

Scale: 1:2,500

Printed at: 1:2,500



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Site Details:

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Client Ref: P2794JJ2049-1
Report Ref: HMD-377-6986784
Grid Ref: 530425, 190899

Map Name: 1056 Scale Town Plan

Map date: 1896

Scale: 1:1,056

Printed at: 1:1,056



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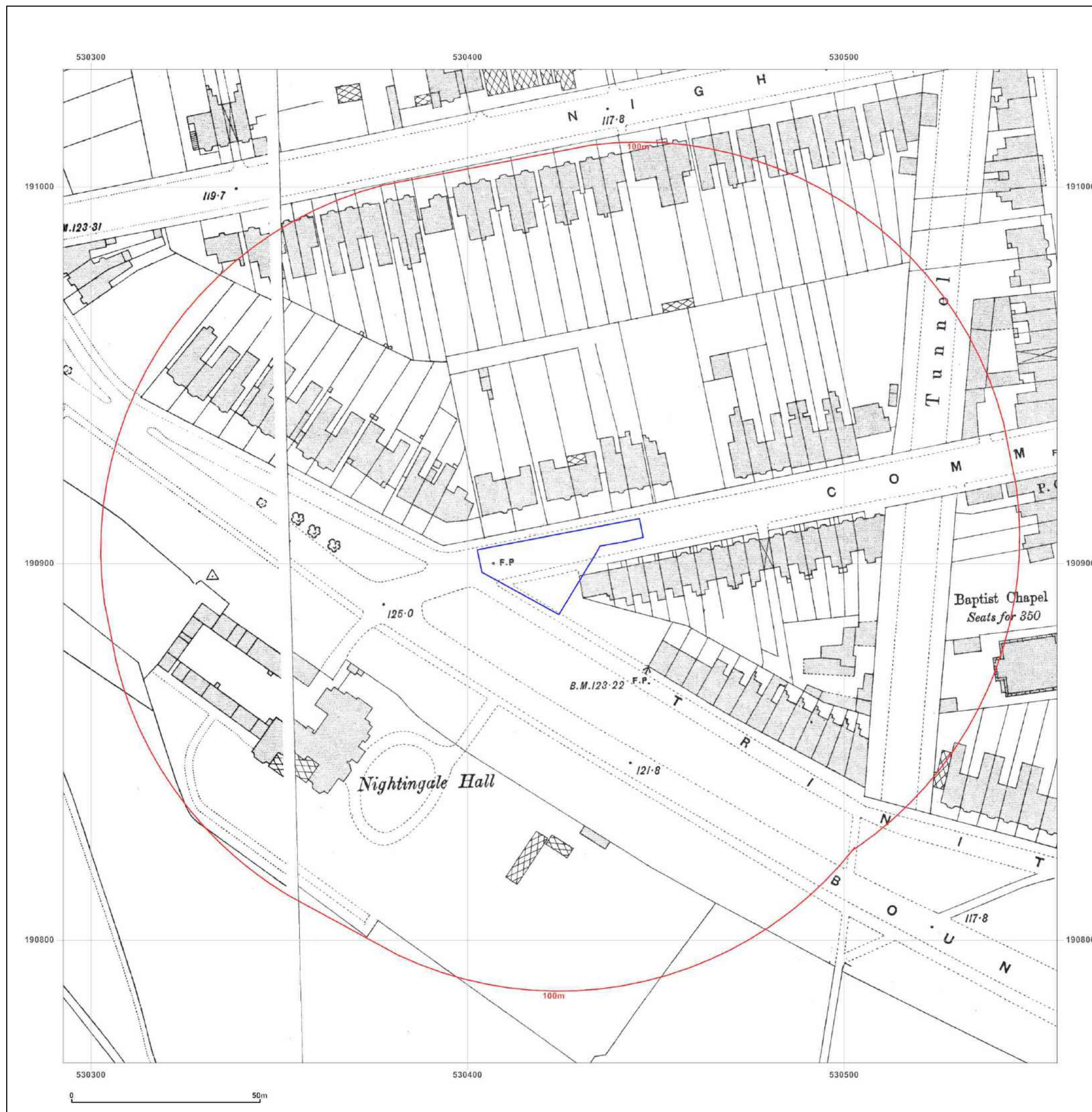


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Client Ref: P2794JJ2049-1
Report Ref: HMD-377-6986784
Grid Ref: 530425, 190899

Map Name: County Series

Map date: 1896

Scale: 1:2,500

Printed at: 1:2,500



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Client Ref: P2794JJ2049-1
Report Ref: HMD-377-6986784
Grid Ref: 530425, 190899

Map Name: County Series

Map date: 1914

Scale: 1:2,500

Printed at: 1:2,500



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Client Ref: P2794JJ2049-1
Report Ref: HMD-377-6986784
Grid Ref: 530425, 190899

Map Name: County Series

Map date: 1935

Scale: 1:2,500

Printed at: 1:2,500



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Client Ref: P2794JJ2049-1
Report Ref: HMD-377-6986784
Grid Ref: 530425, 190899

Map Name: National Grid

Map date: 1954-1956

Scale: 1:1,250

Printed at: 1:2,000



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Edition N/A
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Levelled 1933

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Edition N/A
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Surveyed 1954
Revised 1954
Edition N/A
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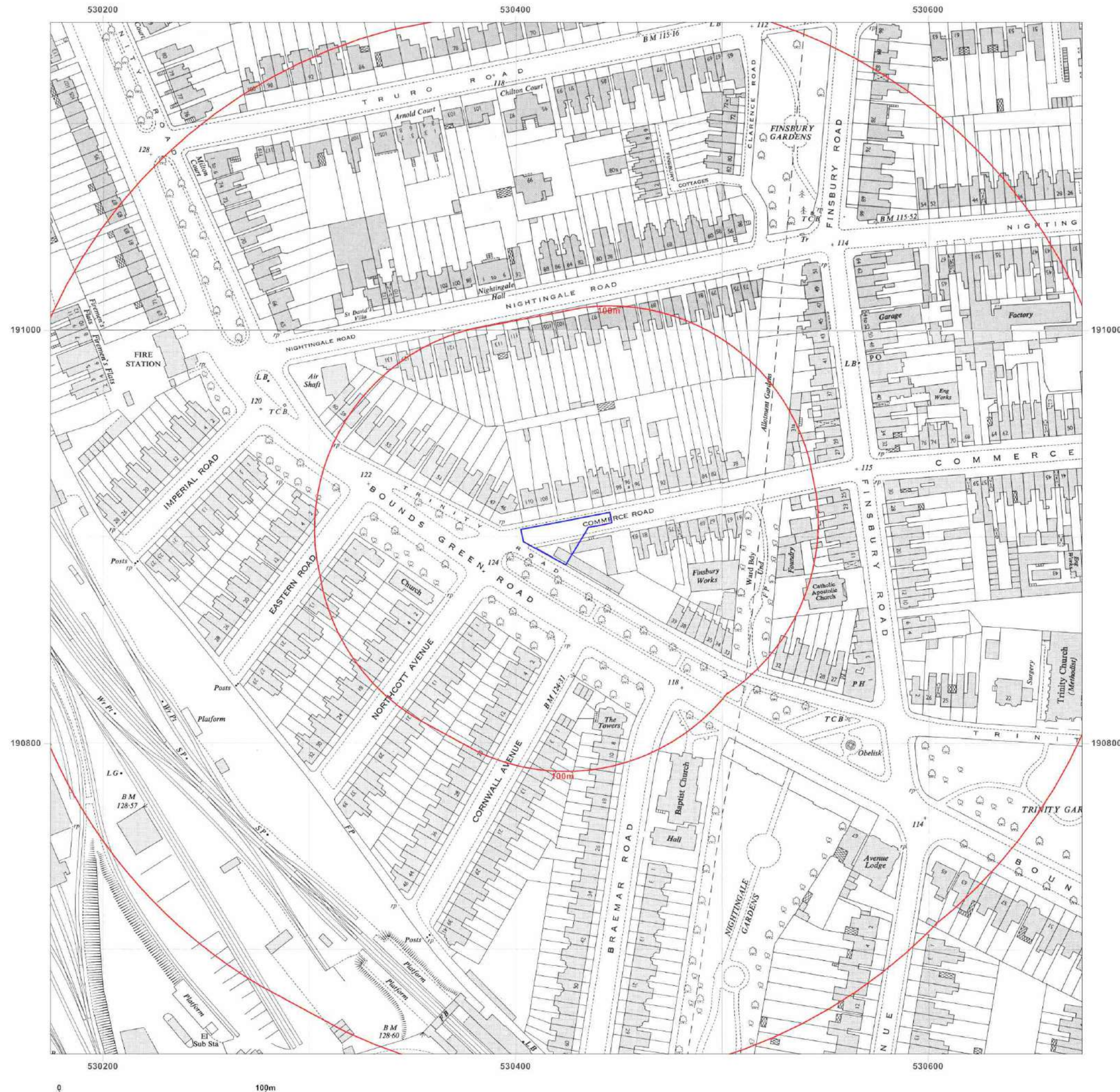
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Client Ref: P2794JJ2049-1
Report Ref: HMD-377-6986784
Grid Ref: 530425, 190899

Map Name: National Grid

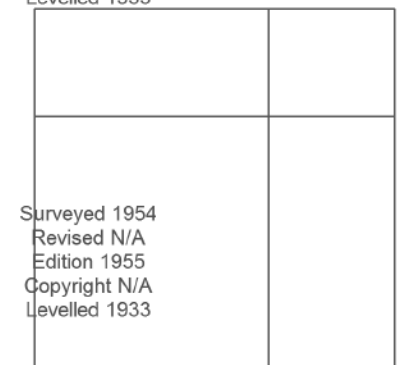
Map date: 1955-1957

Scale: 1:1,250

Printed at: 1:2,000



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Client Ref: P2794JJ2049-1
Report Ref: HMD-377-6986784
Grid Ref: 530425, 190899

Map Name: National Grid

Map date: 1954-1957

Scale: 1:2,500

Printed at: 1:2,500



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Client Ref: P2794JJ2049-1
Report Ref: HMD-377-6986784
Grid Ref: 530425, 190899

Map Name: National Grid

Map date: 1969-1971

Scale: 1:1,250

Printed at: 1:2,000



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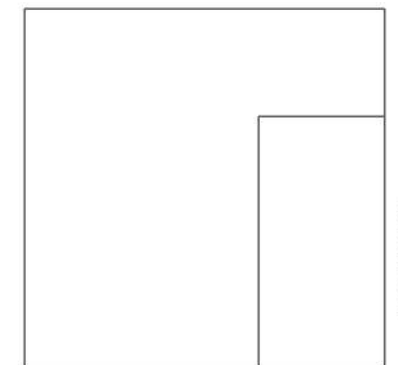
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Report Ref: HMD-377-6986784
Grid Ref: 530425, 190899

Map Name: National Grid

Map date: 1977

Scale: 1:1,250

Printed at: 1:2,000



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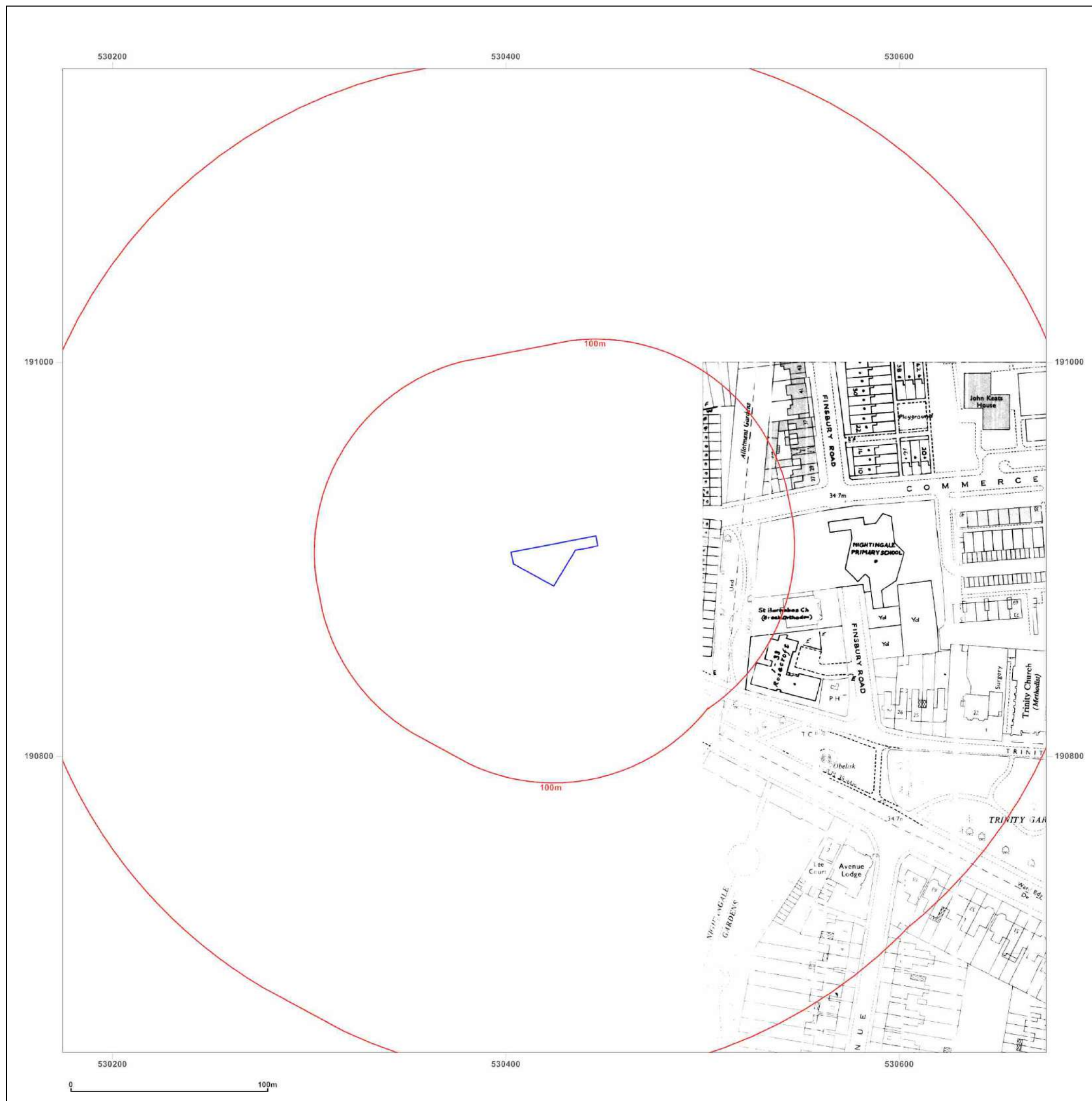


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Client Ref: P2794JJ2049-1
Report Ref: HMD-377-6986784
Grid Ref: 530425, 190899

Map Name: National Grid

Map date: 1974-1979

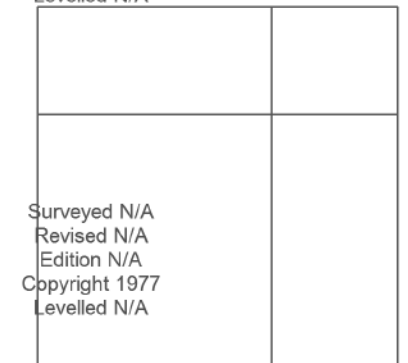
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Client Ref: P2794JJ2049-1
Report Ref: HMD-377-6986784
Grid Ref: 530425, 190899

Map Name: National Grid

Map date: 1983

Scale: 1:1,250

Printed at: 1:2,000



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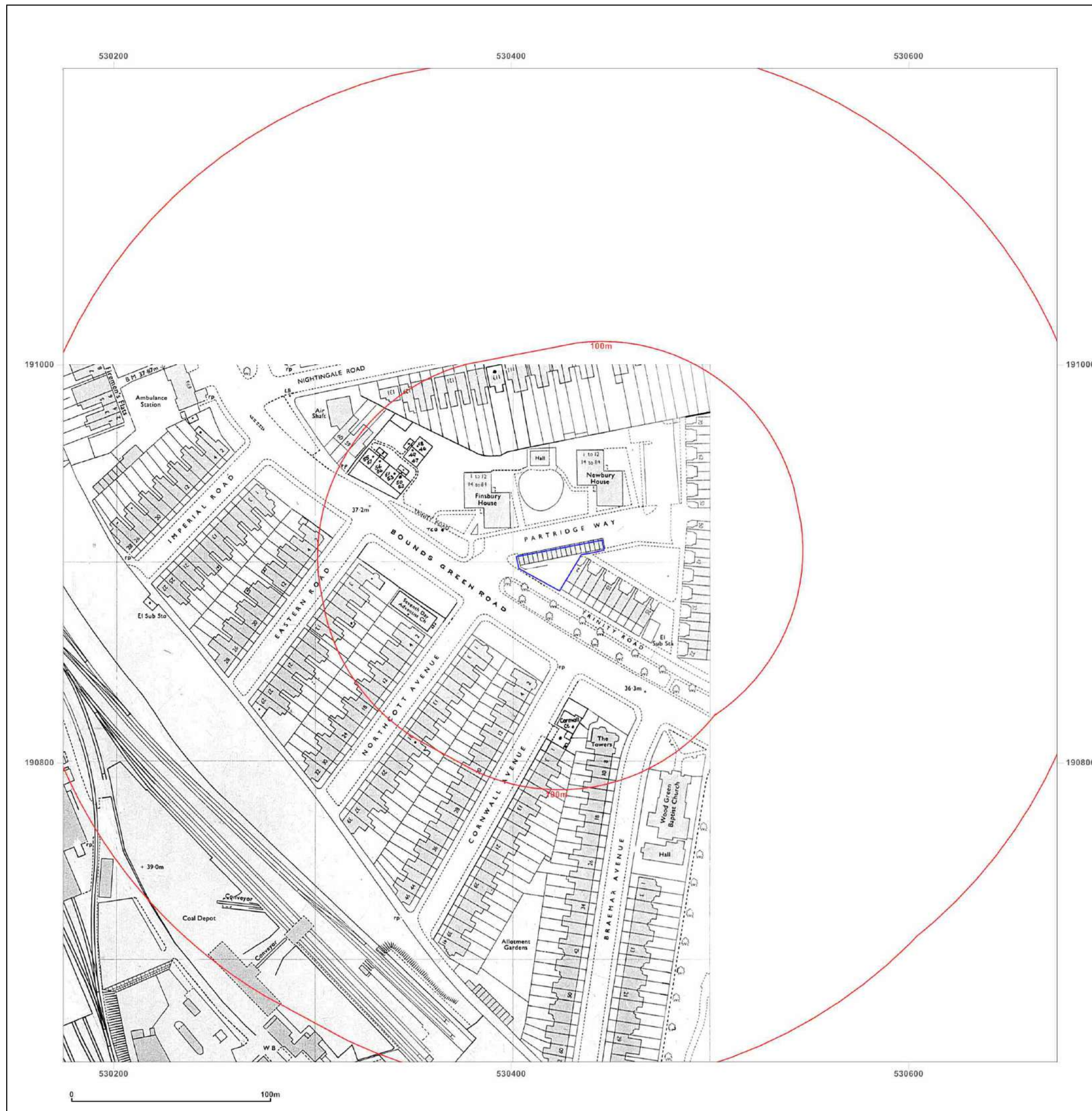
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Client Ref: P2794JJ2049-1
Report Ref: HMD-377-6986784
Grid Ref: 530425, 190899

Map Name: National Grid

Map date: 1982-1987

Scale: 1:1,250

Printed at: 1:2,000



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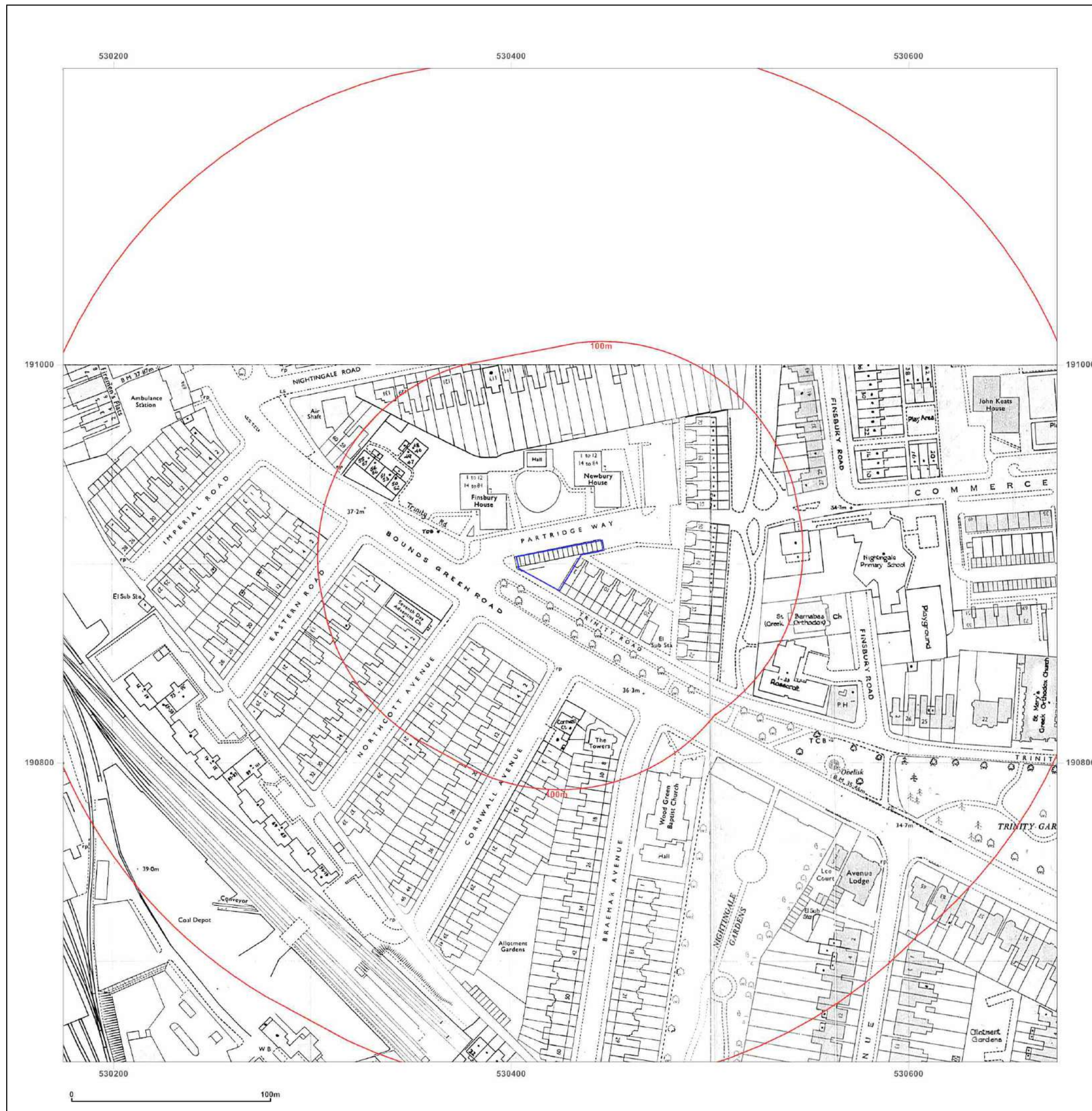


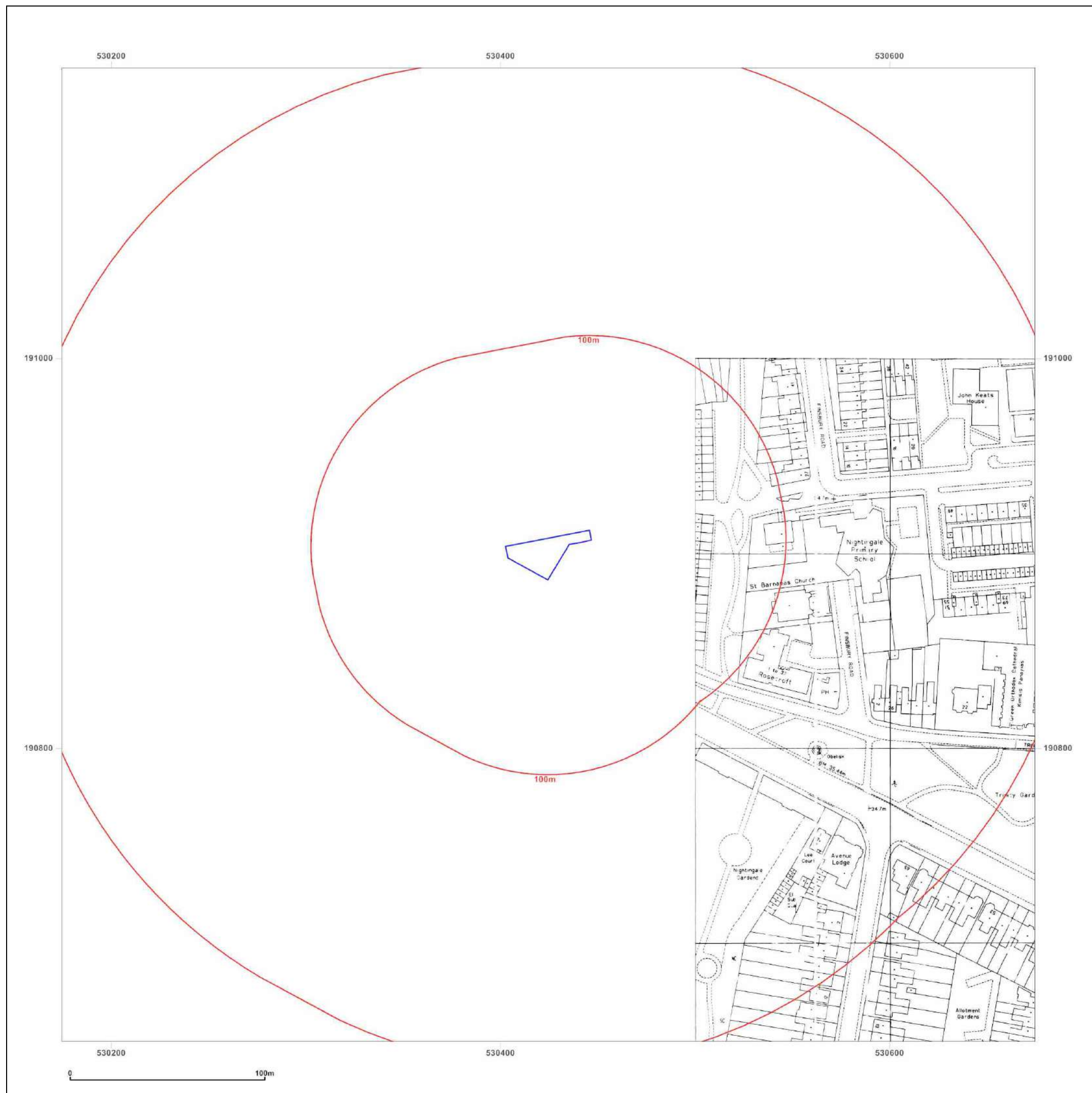
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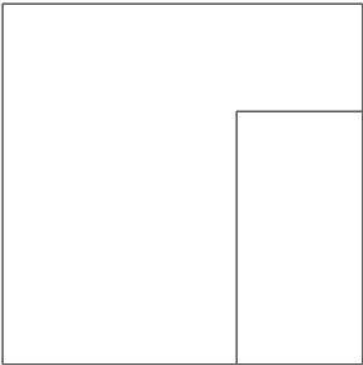
Client Ref: P2794JJ2049-1
Report Ref: HMD-377-6986784
Grid Ref: 530425, 190899

Map Name: National Grid

Map date: 1991

Scale: 1:1,250

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Client Ref: P2794JJ2049-1
Report Ref: HMD-377-6986784
Grid Ref: 530425, 190899

Map Name: National Grid

Map date: 1989-1991

Scale: 1:1,250

Printed at: 1:2,000



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