

59	6.2	Surface water features	0	0	0	-	-
<a href="#">60 &gt;</a>	<a href="#">6.3 &gt;</a>	<a href="#">WFD Surface water body catchments &gt;</a>	1	-	-	-	-
60	6.4	WFD Surface water bodies	0	0	0	-	-
60	6.5	WFD Groundwater bodies	0	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
61	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
61	7.2	Historical Flood Events	0	0	0	-	-
61	7.3	Flood Defences	0	0	0	-	-
62	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
62	7.5	Flood Storage Areas	0	0	0	-	-
63	7.6	Flood Zone 2	None (within 50m)				
63	7.7	Flood Zone 3	None (within 50m)				
Page	Section	<a href="#">Surface water flooding &gt;</a>					
<a href="#">64 &gt;</a>	<a href="#">8.1 &gt;</a>	<a href="#">Surface water flooding &gt;</a>	1 in 100 year, 0.1m - 0.3m (within 50m)				
Page	Section	<a href="#">Groundwater flooding &gt;</a>					
<a href="#">66 &gt;</a>	<a href="#">9.1 &gt;</a>	<a href="#">Groundwater flooding &gt;</a>	Negligible (within 50m)				
Page	Section	<a href="#">Environmental designations &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
67	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
68	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
68	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
68	10.4	Special Protection Areas (SPA)	0	0	0	0	0
68	10.5	National Nature Reserves (NNR)	0	0	0	0	0
<a href="#">69 &gt;</a>	<a href="#">10.6 &gt;</a>	<a href="#">Local Nature Reserves (LNR) &gt;</a>	0	0	0	0	4
<a href="#">69 &gt;</a>	<a href="#">10.7 &gt;</a>	<a href="#">Designated Ancient Woodland &gt;</a>	0	0	0	0	1
69	10.8	Biosphere Reserves	0	0	0	0	0
70	10.9	Forest Parks	0	0	0	0	0
70	10.10	Marine Conservation Zones	0	0	0	0	0
70	10.11	Green Belt	0	0	0	0	0
70	10.12	Proposed Ramsar sites	0	0	0	0	0



70	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
71	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
71	10.15	Nitrate Sensitive Areas	0	0	0	0	0
71	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
<a href="#">72 &gt;</a>	<a href="#">10.17 &gt;</a>	<a href="#">SSSI Impact Risk Zones &gt;</a>	1	-	-	-	-
73	10.18	SSSI Units	0	0	0	0	0
Page	Section	<a href="#">Visual and cultural designations &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
74	11.1	World Heritage Sites	0	0	0	-	-
75	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
75	11.3	National Parks	0	0	0	-	-
<a href="#">75 &gt;</a>	<a href="#">11.4 &gt;</a>	<a href="#">Listed Buildings &gt;</a>	0	0	2	-	-
<a href="#">76 &gt;</a>	<a href="#">11.5 &gt;</a>	<a href="#">Conservation Areas &gt;</a>	0	1	2	-	-
76	11.6	Scheduled Ancient Monuments	0	0	0	-	-
76	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	<a href="#">Agricultural designations &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">77 &gt;</a>	<a href="#">12.1 &gt;</a>	<a href="#">Agricultural Land Classification &gt;</a>	Urban (within 250m)				
78	12.2	Open Access Land	0	0	0	-	-
78	12.3	Tree Felling Licences	0	0	0	-	-
78	12.4	Environmental Stewardship Schemes	0	0	0	-	-
78	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	<a href="#">Habitat designations &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">79 &gt;</a>	<a href="#">13.1 &gt;</a>	<a href="#">Priority Habitat Inventory &gt;</a>	0	0	1	-	-
80	13.2	Habitat Networks	0	0	0	-	-
<a href="#">80 &gt;</a>	<a href="#">13.3 &gt;</a>	<a href="#">Open Mosaic Habitat &gt;</a>	0	1	0	-	-
80	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	<a href="#">Geology 1:10,000 scale &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">81 &gt;</a>	<a href="#">14.1 &gt;</a>	<a href="#">10k Availability &gt;</a>	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	-
<a href="#">84 &gt;</a>	<a href="#">14.5 &gt;</a>	<a href="#">Bedrock geology (10k) &gt;</a>	1	0	0	1	-
85	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	<a href="#">Geology 1:50,000 scale &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">86 &gt;</a>	<a href="#">15.1 &gt;</a>	<a href="#">50k Availability &gt;</a>	Identified (within 500m)				
87	15.2	Artificial and made ground (50k)	0	0	0	0	-
87	15.3	Artificial ground permeability (50k)	0	0	-	-	-
88	15.4	Superficial geology (50k)	0	0	0	0	-
88	15.5	Superficial permeability (50k)	None (within 50m)				
88	15.6	Landslip (50k)	0	0	0	0	-
88	15.7	Landslip permeability (50k)	None (within 50m)				
<a href="#">89 &gt;</a>	<a href="#">15.8 &gt;</a>	<a href="#">Bedrock geology (50k) &gt;</a>	1	0	0	0	-
<a href="#">90 &gt;</a>	<a href="#">15.9 &gt;</a>	<a href="#">Bedrock permeability (50k) &gt;</a>	Identified (within 50m)				
90	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	<a href="#">Boreholes &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">91 &gt;</a>	<a href="#">16.1 &gt;</a>	<a href="#">BGS Boreholes &gt;</a>	0	16	15	-	-
Page	Section	<a href="#">Natural ground subsidence &gt;</a>					
<a href="#">93 &gt;</a>	<a href="#">17.1 &gt;</a>	<a href="#">Shrink swell clays &gt;</a>	Moderate (within 50m)				
<a href="#">94 &gt;</a>	<a href="#">17.2 &gt;</a>	<a href="#">Running sands &gt;</a>	Very low (within 50m)				
<a href="#">95 &gt;</a>	<a href="#">17.3 &gt;</a>	<a href="#">Compressible deposits &gt;</a>	Negligible (within 50m)				
<a href="#">96 &gt;</a>	<a href="#">17.4 &gt;</a>	<a href="#">Collapsible deposits &gt;</a>	Very low (within 50m)				
<a href="#">97 &gt;</a>	<a href="#">17.5 &gt;</a>	<a href="#">Landslides &gt;</a>	Very low (within 50m)				
<a href="#">98 &gt;</a>	<a href="#">17.6 &gt;</a>	<a href="#">Ground dissolution of soluble rocks &gt;</a>	Negligible (within 50m)				
Page	Section	<a href="#">Mining and ground workings &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
100	18.1	BritPits	0	0	0	0	-
<a href="#">101 &gt;</a>	<a href="#">18.2 &gt;</a>	<a href="#">Surface ground workings &gt;</a>	0	7	7	-	-
<a href="#">101 &gt;</a>	<a href="#">18.3 &gt;</a>	<a href="#">Underground workings &gt;</a>	0	0	0	0	29
103	18.4	Underground mining extents	0	0	0	0	-
103	18.5	Historical Mineral Planning Areas	0	0	0	0	-



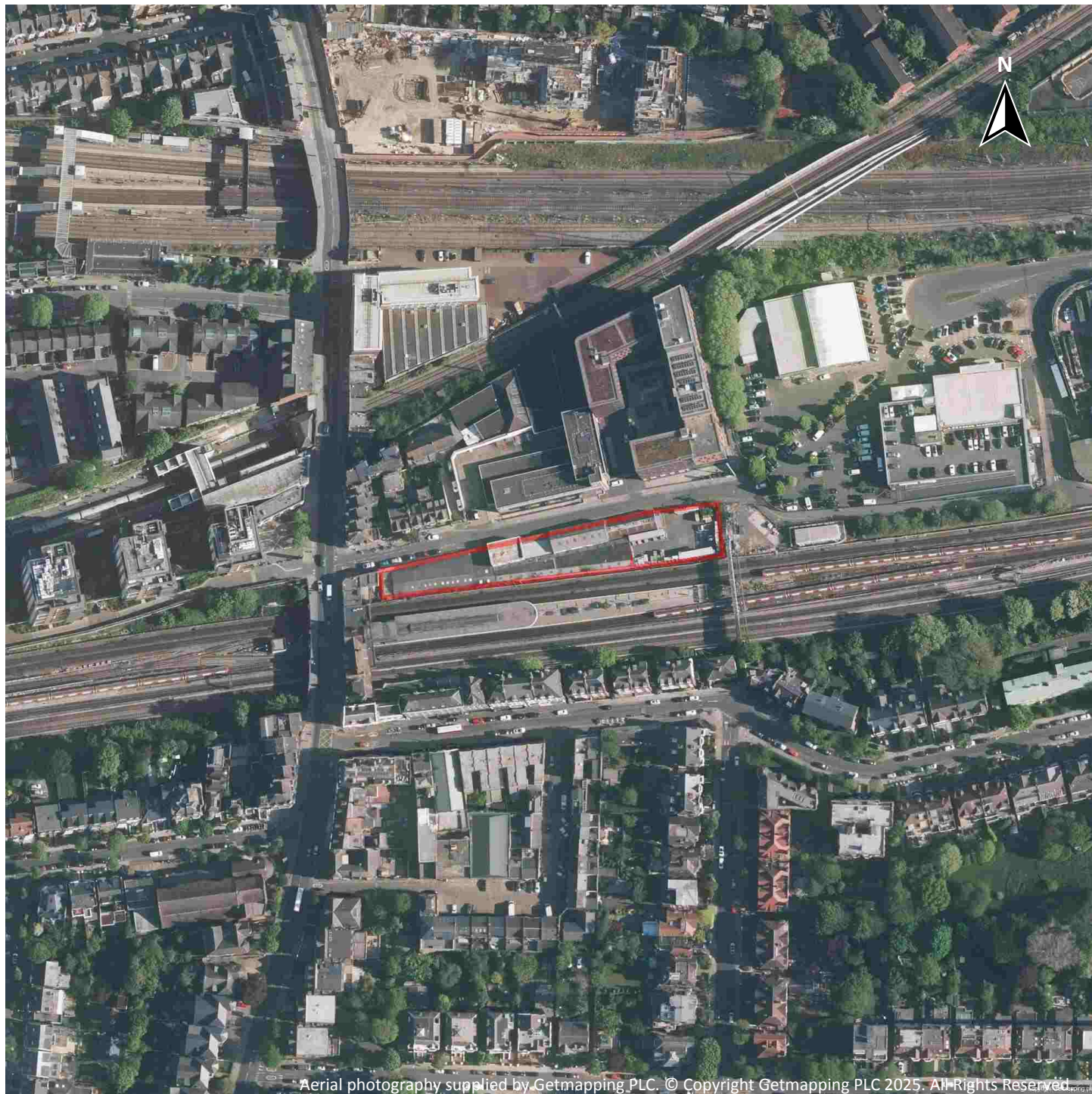
103	18.6	Non-coal mining	0	0	0	0	0
103	18.7	JPB mining areas	None (within 0m)				
103	18.8	The Coal Authority non-coal mining	0	0	0	0	-
<a href="#">104</a> >	<a href="#">18.9</a> >	<a href="#">Researched mining</a> >	0	0	0	1	-
104	18.10	Mining record office plans	0	0	0	0	-
104	18.11	BGS mine plans	0	0	0	0	-
104	18.12	Coal mining	None (within 0m)				
105	18.13	Brine areas	None (within 0m)				
105	18.14	Gypsum areas	None (within 0m)				
105	18.15	Tin mining	None (within 0m)				
105	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
106	19.1	Natural cavities	0	0	0	0	-
106	19.2	Mining cavities	0	0	0	0	0
106	19.3	Reported recent incidents	0	0	0	0	-
106	19.4	Historical incidents	0	0	0	0	-
Page	Section	<a href="#">Radon</a> >					
<a href="#">108</a> >	<a href="#">20.1</a> >	<a href="#">Radon</a> >	Less than 1% (within 0m)				
Page	Section	<a href="#">Soil chemistry</a> >	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">110</a> >	<a href="#">21.1</a> >	<a href="#">BGS Estimated Background Soil Chemistry</a> >	1	1	-	-	-
<a href="#">110</a> >	<a href="#">21.2</a> >	<a href="#">BGS Estimated Urban Soil Chemistry</a> >	3	4	-	-	-
<a href="#">111</a> >	<a href="#">21.3</a> >	<a href="#">BGS Measured Urban Soil Chemistry</a> >	0	1	-	-	-
Page	Section	<a href="#">Railway infrastructure and projects</a> >	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">112</a> >	<a href="#">22.1</a> >	<a href="#">Underground railways (London)</a> >	0	2	0	-	-
113	22.2	Underground railways (Non-London)	0	0	0	-	-
113	22.3	Railway tunnels	0	0	0	-	-
<a href="#">113</a> >	<a href="#">22.4</a> >	<a href="#">Historical railway and tunnel features</a> >	14	11	31	-	-
115	22.5	Royal Mail tunnels	0	0	0	-	-
116	22.6	Historical railways	0	0	0	-	-





<a href="#">116</a> >	<a href="#">22.7</a> >	<a href="#">Railways</a> >	0	17	56	-	-
119	22.8	Crossrail 2	0	0	0	0	-
119	22.9	HS2	0	0	0	0	-

## Recent aerial photograph



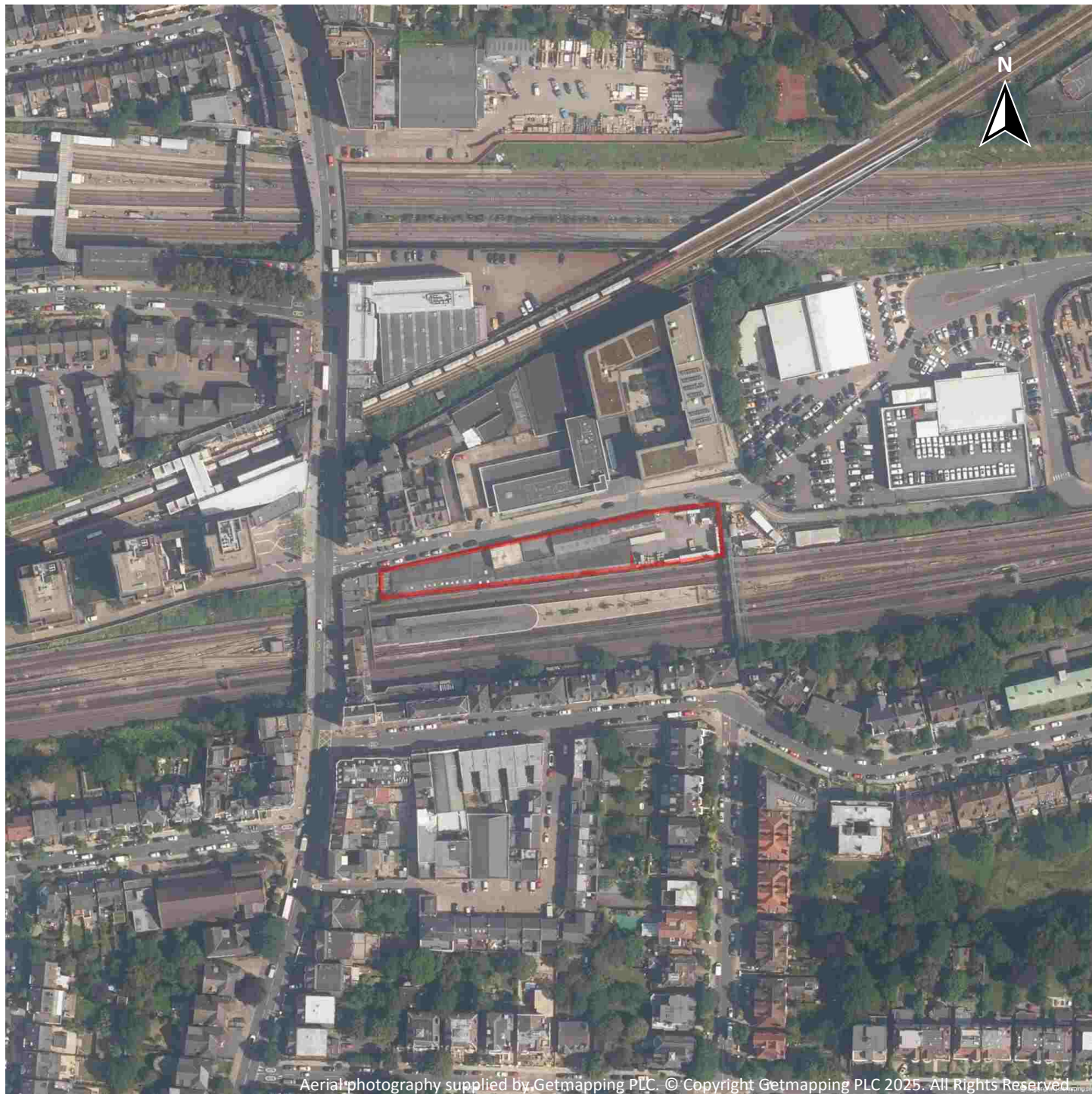
Capture Date: 30/04/2022

Site Area: 0.23ha





## Recent site history - 2019 aerial photograph



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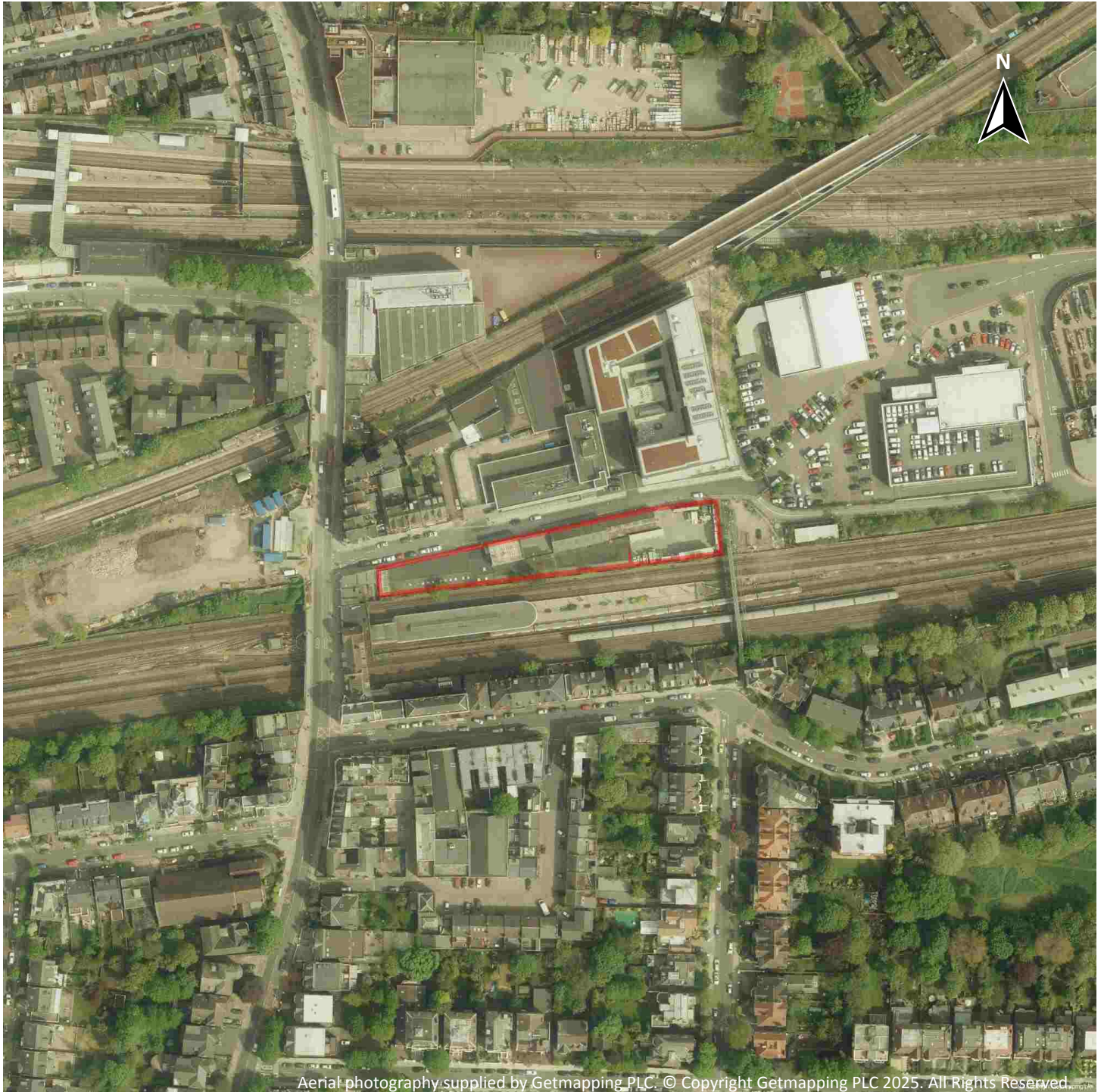
Capture Date: 29/06/2019

Site Area: 0.23ha





## Recent site history - 2014 aerial photograph



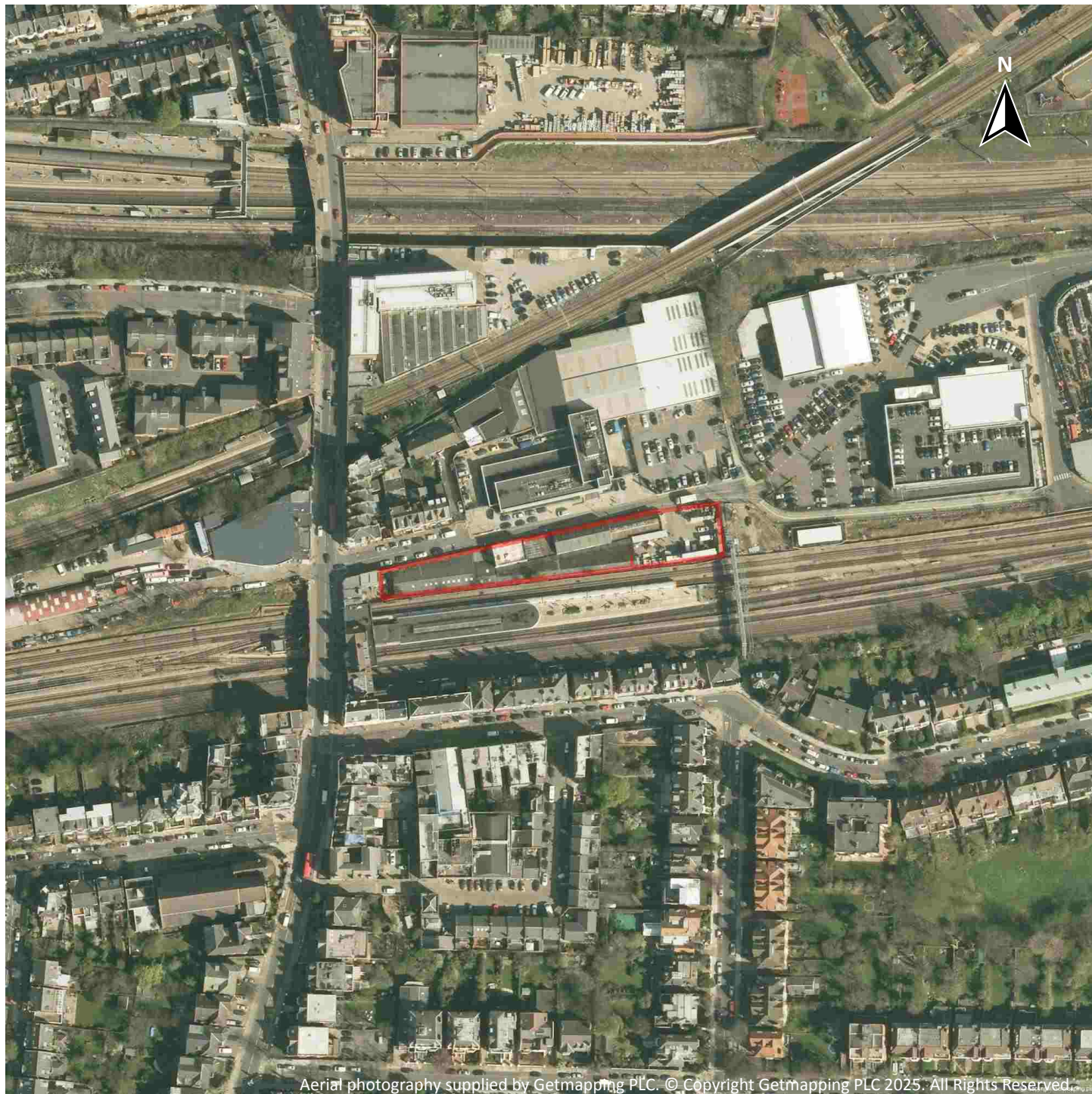
Capture Date: 04/05/2014

Site Area: 0.23ha





## Recent site history - 2011 aerial photograph



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Capture Date: 02/10/2011

Site Area: 0.23ha





## Recent site history - 1999 aerial photograph



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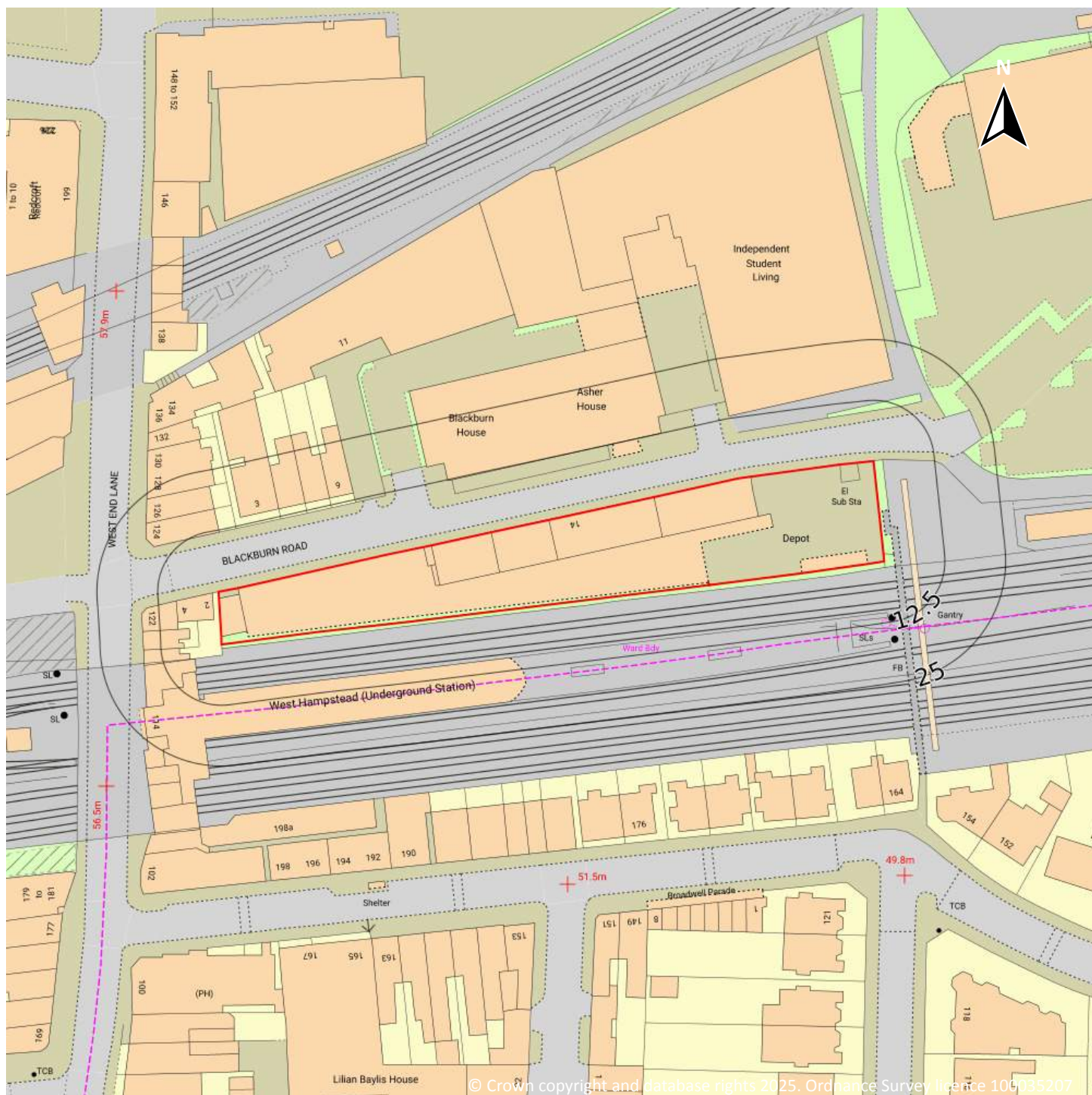
Capture Date: 04/09/1999

Site Area: 0.23ha





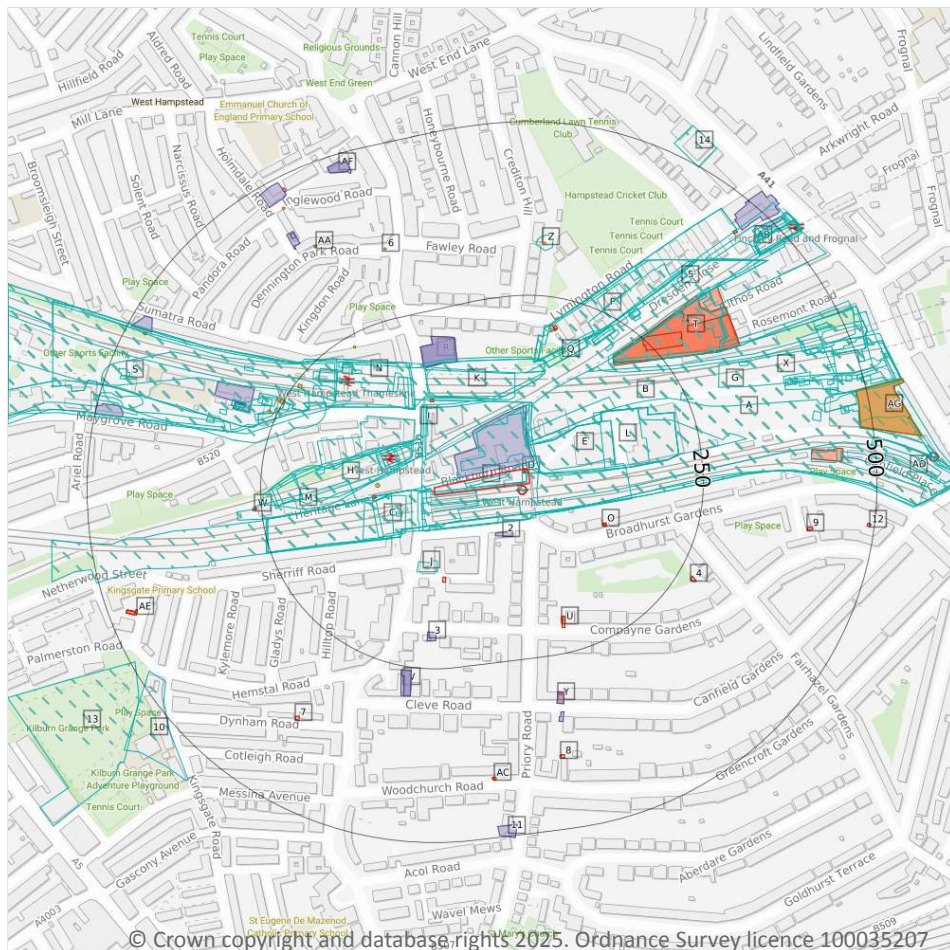
## OS MasterMap site plan



Site Area: 0.23ha



## 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

116

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 15](#) >

ID	Location	Land use	Dates present	Group ID
1	On site	Railway Building	1957	2196343





ID	Location	Land use	Dates present	Group ID
<b>A</b>	<b>On site</b>	<b>Railway Sidings</b>	<b>1966 - 1968</b>	<b>2207091</b>
<b>A</b>	<b>On site</b>	<b>Railway Sidings</b>	<b>1951 - 1957</b>	<b>2251138</b>
<b>A</b>	<b>On site</b>	<b>Railway Sidings</b>	<b>1973</b>	<b>2324376</b>
<b>B</b>	<b>On site</b>	<b>Railway Sidings</b>	<b>1920</b>	<b>2297565</b>
<b>C</b>	<b>On site</b>	<b>Railway Sidings</b>	<b>1989</b>	<b>2307941</b>
C	3m W	Railway Station	1957 - 1989	2274011
A	9m NE	Unspecified Depot	1989	2170116
B	11m E	Railway Sidings	1894	2281551
C	12m W	Railway Station	1894 - 1920	2319352
C	12m W	Railway Station	1951	2245344
E	17m E	Unspecified Works	1968 - 1989	2257766
F	34m W	Cuttings	1968 - 1989	2288275
G	36m NE	Railway Sidings	1874	2257315
E	40m NE	Cuttings	1874	2157257
F	41m W	Cuttings	1951	2236985
F	49m W	Railway Station	1894	2318914
H	49m W	Cuttings	1894	2256068
H	50m W	Cuttings	1874	2327580
F	54m W	Railway Building	1951	2196348
F	54m W	Railway Station	1920 - 1951	2322776
F	55m W	Railway Station	1968 - 1989	2332139
H	58m W	Cuttings	1951	2265267
F	63m W	Cuttings	1957	2222120
F	64m W	Railway Station	1957	2298496
F	73m NW	Unspecified Works	1968 - 1973	2277460
I	75m NW	Railway Buildings	1951	2160548
H	77m W	Cuttings	1957	2258671
J	94m SW	Police Station	1968 - 1973	2317697



ID	Location	Land use	Dates present	Group ID
K	102m N	Cuttings	1874	2327096
K	108m N	Cuttings	1894	2265903
L	110m E	Cocoa Factory	1951	2190022
M	113m W	Unspecified Works	1968 - 1989	2311702
N	116m NW	Railway Station	1968 - 1973	2255286
N	119m NW	Railway Station	1920 - 1951	2238543
L	125m E	Unspecified Depot	1968 - 1989	2279848
P	149m NE	Unspecified Yard	1968	2267845
P	154m N	Unspecified Depot	1920	2169918
P	157m NE	Unspecified Yard	1957	2237060
Q	164m NE	Railway Building	1920 - 1951	2224447
N	174m NW	Railway Station	1894	2167943
S	188m NW	Railway Sidings	1894	2243713
N	189m W	Coal Depot	1957	2312796
N	191m NW	Cuttings	1874	2157259
S	191m NW	Railway Sidings	1874	2229131
M	191m W	Cuttings	1920	2216709
T	191m NE	Electric Works	1920	2173892
N	195m NW	Railway Building	1894	2196341
T	199m NE	Unspecified Works	1968 - 1973	2236137
N	201m NW	Railway Station	1989	2317523
P	203m NE	Railway Buildings	1951	2205550
P	203m NE	Railway Buildings	1957	2250358
P	203m NE	Railway Buildings	1920	2236962
P	205m NE	Railway Building	1951	2196347
N	206m NW	Railway Sidings	1957	2283194
N	209m NW	Railway Building	1957	2196342
S	212m W	Railway Sidings	1920	2274846



ID	Location	Land use	Dates present	Group ID
P	223m NE	Railway Building	1894	2196333
N	238m W	Railway Buildings	1951	2232741
B	241m NE	Railway Building	1951	2196345
P	254m NE	Railway Sidings	1968	2228577
N	259m W	Railway Buildings	1968 - 1973	2299820
P	262m NE	Railway Building	1920 - 1951	2226411
N	262m W	Railway Building	1920	2196349
P	262m NE	Railway Building	1957 - 1968	2266491
P	262m NE	Railway Building	1894	2224083
N	287m W	Railway Building	1894 - 1920	2270504
N	297m W	Railway Building	1951	2239900
N	297m W	Coal Depot	1957	2256903
X	299m E	Cuttings	1874	2319194
N	310m NW	Railway Building	1920	2196350
S	313m W	Unspecified Ground Workings	1874	2229703
Z	315m N	Unspecified Heap	1894	2186358
N	318m W	Railway Building	1951	2196344
N	331m W	Railway Building	1920	2196351
G	340m NE	Railway Building	1951	2196346
5	343m NE	Railway Buildings	1920 - 1951	2301888
X	388m E	Coal Depot	1957 - 1968	2288938
X	390m E	Railway Building	1968 - 1973	2284126
X	393m E	Railway Building	1874	2219643
AB	396m NE	Railway Sidings	1951	2206531
X	403m E	Railway Buildings	1951	2314904
X	405m E	Railway Building	1920	2260252
X	407m E	Railway Building	1920 - 1951	2283363
X	409m E	Railway Building	1894	2305603



ID	Location	Land use	Dates present	Group ID
X	415m E	Railway Building	1968	2195306
X	429m NE	Railway Station	1920	2233800
X	434m E	Railway Station	1894	2299647
S	441m W	Unspecified Ground Workings	1957 - 1973	2332455
X	443m E	Railway Building	1894 - 1920	2229164
X	448m E	Railway Building	1874	2195305
AD	450m E	Railway Station	1920 - 1951	2207662
AB	451m NE	Railway Station	1920 - 1951	2276662
AB	453m NE	Railway Station	1894	2287453
X	455m E	Railway Building	1874	2196332
AB	455m NE	Railway Station	1958	2203108
AB	455m NE	Railway Station	1874	2257730
AB	457m NE	Railway Station	1965	2237483
S	457m W	Railway Building	1894	2196340
X	458m E	Railway Building	1920	2196335
X	459m E	Railway Building	1920	2196337
X	460m NE	Railway Building	1957	2222674
X	460m NE	Railway Building	1951	2279516
X	460m E	Cuttings	1957	2206168
S	467m W	Railway Building	1920 - 1951	2260305
AB	469m NE	Railway Building	1951	2195387
AB	469m NE	Railway Buildings	1958	2160356
X	469m E	Railway Station	1874	2225843
10	471m SW	Sawmill	1894	2201010
X	474m E	Railway Building	1920	2196338
X	491m E	Railway Building	1920	2196339
AD	492m E	Railway Station	1989	2225853
AD	493m E	London Transport Station	1957 - 1973	2223044



ID	Location	Land use	Dates present	Group ID
13	494m SW	Nursery	1874	2180120
X	496m E	Railway Buildings	1894	2268210
14	499m NE	Telephone Exchange	1974 - 1996	2245849

*This data is sourced from Ordnance Survey / Groundsure.*

## 1.2 Historical tanks

### Records within 500m

**12**

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 15 >](#)

ID	Location	Land use	Dates present	Group ID
F	79m W	Unspecified Tank	1896	391478
N	231m NW	Unspecified Tank	1871	391468
N	239m NW	Unspecified Tank	1896	391479
N	248m W	Unspecified Tank	1953 - 1955	405206
N	254m W	Unspecified Tank	1915	401789
N	258m W	Unspecified Tank	1915	391474
Z	323m N	Unspecified Tank	1871	391460
6	349m NW	Unspecified Tank	1871	391466
AA	386m NW	Unspecified Tank	1871	391465
X	450m E	Unspecified Tank	1953 - 1955	422141
AA	455m NW	Unspecified Tank	1871	391464
AG	482m E	Gas Board Depot	1953 - 1955	413084

*This data is sourced from Ordnance Survey / Groundsure.*



### 1.3 Historical energy features

<b>Records within 500m</b>	<b>42</b>
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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 15 >](#)

ID	Location	Land use	Dates present	Group ID
<b>D</b>	<b>On site</b>	<b>Electricity Substation</b>	<b>1994</b>	<b>291769</b>
<b>D</b>	<b>On site</b>	<b>Electricity Substation</b>	<b>1974 - 1992</b>	<b>309199</b>
F	84m W	Electricity Substation	1974	280383
F	85m W	Electricity Substation	1994	296412
F	86m W	Electricity Substation	1985 - 1991	285120
J	119m SW	Electricity Substation	1974 - 1994	297475
O	120m E	Electricity Substation	1984 - 1992	319440
I	121m NW	Electricity Substation	1974 - 1994	282560
O	122m E	Electricity Substation	1994	289737
O	122m E	Electricity Substation	1974	310032
T	193m NE	Electric Lighting Station	1896	275577
T	196m NE	Electricity Depot	1953	309145
T	196m NE	Electricity Depot	1955	316859
U	197m SE	Electricity Substation	1970	284654
U	197m SE	Electricity Substation	1990 - 1991	319103
Q	200m NE	Electricity Substation	1974	268843
Q	203m NE	Electricity Substation	1984 - 1992	317345
Q	204m NE	Electricity Substation	1994	294208
T	241m NE	Electricity Substation	1992 - 1994	306151
W	258m W	Electricity Substation	1974	313335
W	258m W	Electricity Substation	1994	309874



ID	Location	Land use	Dates present	Group ID
W	259m W	Electricity Substation	1985 - 1991	278227
4	269m SE	Electricity Substation	1974 - 1994	317560
Y	303m S	Electricity Substation	1970	277780
Y	304m S	Electricity Substation	1991	286594
Y	304m S	Electricity Substation	1990	293248
Y	304m S	Electricity Substation	1990	313105
7	373m SW	Electricity Substation	1974 - 1995	295392
8	393m S	Electricity Substation	1970 - 1991	322078
9	405m E	Electricity Substation	1971 - 1994	299717
X	407m E	Electricity Substation	1953 - 1955	282430
AC	413m S	Electricity Substation	1990 - 1991	302508
AC	413m S	Electricity Substation	1970	277378
AB	450m NE	Electricity Substation	1971 - 1991	300095
AE	459m W	Electricity Substation	1955	284664
AE	463m W	Electricity Substation	1991	307239
AE	463m W	Electricity Substation	1995	284424
AE	463m W	Electricity Substation	1953 - 1974	293499
S	470m NW	Electricity Substation	1974 - 1994	300653
AA	477m NW	Electricity Substation	1973	268635
AG	482m E	Gas Board Depot	1953 - 1955	282901
12	489m E	Electricity Substation	1971 - 1994	316244

*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

<b>Records within 500m</b>	<b>22</b>
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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 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 15 >](#)

ID	Location	Land use	Dates present	Group ID
A	6m W	General Post Office Garage	1960	92077
2	65m S	Garages	1953 - 1960	83260
R	170m N	Garage	1955	89262
R	170m N	Garage	1960	85752
R	170m N	Garage	1953	89170
3	197m S	Garages	1953 - 1965	91623
V	254m S	Garage	1955	83692
V	255m S	Garages	1953	93616
V	255m S	Garages	1965	95615
N	289m W	Car Breakers Yard	1974	82026
Y	303m S	Garages	1953 - 1965	92114
Y	332m S	Garages	1953 - 1965	87204
AA	397m NW	Garages	1955	90860
AA	412m NW	Garages	1953	84551
S	460m W	Garages	1953 - 1955	87071
AB	462m NE	Garage	1953 - 1955	93569
S	464m NW	Garages	1953 - 1955	95913
AA	468m NW	Garages	1953 - 1955	91033
AF	468m NW	Garages	1953	94023
AF	472m NW	Garages	1955	95445





ID	Location	Land use	Dates present	Group ID
AB	484m NE	Garage	1955 - 1970	90002
11	484m S	Garages	1953 - 1965	88755

*This data is sourced from Ordnance Survey / Groundsure.*

## 1.6 Historical military land

**Records within 500m**

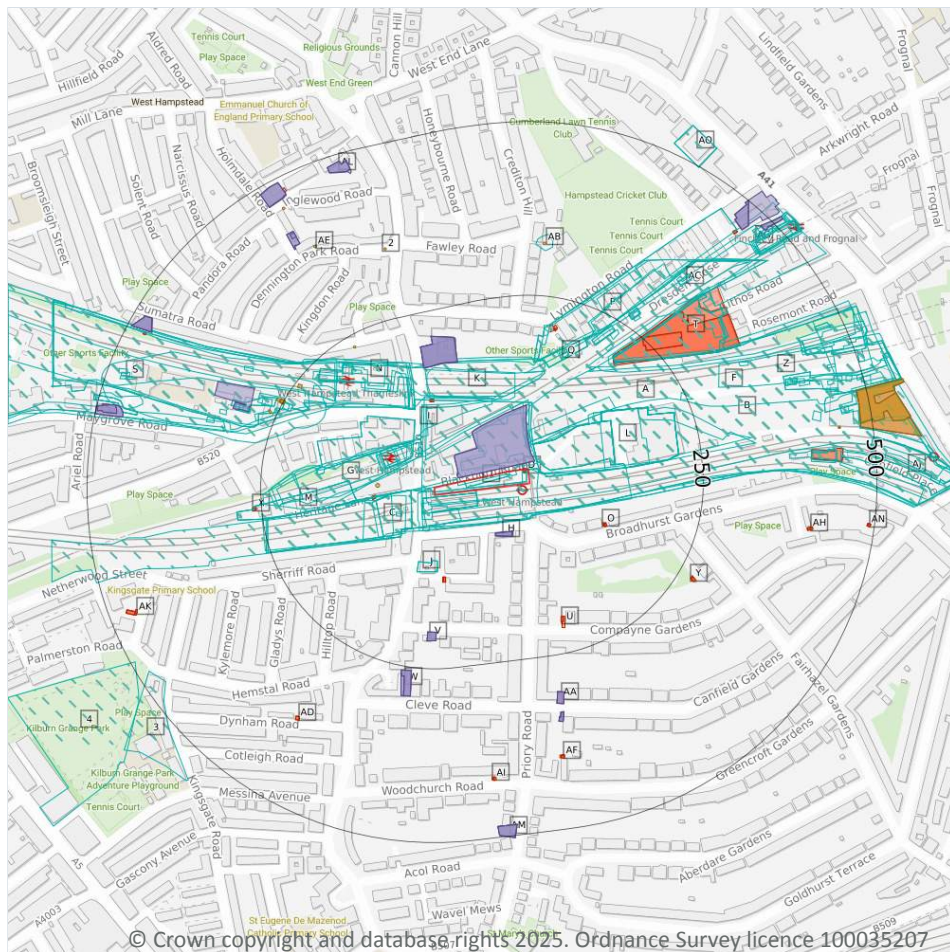
**0**

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

154

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 25](#) >

ID	Location	Land Use	Date	Group ID
1	On site	Railway Building	1957	2196343
A	On site	Railway Sidings	1920	2297565
B	On site	Railway Sidings	1973	2324376



ID	Location	Land Use	Date	Group ID
<b>B</b>	<b>On site</b>	<b>Railway Sidings</b>	<b>1968</b>	<b>2207091</b>
<b>B</b>	<b>On site</b>	<b>Railway Sidings</b>	<b>1957</b>	<b>2251138</b>
<b>B</b>	<b>On site</b>	<b>Railway Sidings</b>	<b>1951</b>	<b>2251138</b>
<b>C</b>	<b>On site</b>	<b>Railway Sidings</b>	<b>1989</b>	<b>2307941</b>
C	3m W	Railway Station	1973	2274011
C	3m W	Railway Station	1968	2274011
C	3m W	Railway Station	1989	2274011
C	3m W	Railway Station	1957	2274011
B	9m NE	Unspecified Depot	1989	2170116
A	11m E	Railway Sidings	1894	2281551
C	12m W	Railway Station	1920	2319352
C	12m W	Railway Station	1951	2245344
C	16m SW	Railway Station	1894	2319352
B	17m E	Unspecified Works	1973	2257766
B	17m E	Unspecified Works	1968	2257766
B	17m E	Unspecified Works	1989	2257766
E	34m W	Cuttings	1973	2288275
E	34m W	Cuttings	1968	2288275
E	34m W	Cuttings	1989	2288275
F	36m NE	Railway Sidings	1874	2257315
B	40m NE	Cuttings	1874	2157257
E	41m W	Cuttings	1951	2236985
E	49m W	Railway Station	1894	2318914
G	49m W	Cuttings	1894	2256068
G	50m W	Cuttings	1874	2327580
E	54m W	Railway Building	1951	2196348
E	54m W	Railway Station	1920	2322776
E	55m W	Railway Station	1973	2332139



ID	Location	Land Use	Date	Group ID
E	55m W	Railway Station	1968	2332139
E	55m W	Railway Station	1989	2332139
E	56m W	Railway Station	1951	2322776
G	58m W	Cuttings	1951	2265267
E	63m W	Cuttings	1957	2222120
E	64m W	Railway Station	1957	2298496
E	73m NW	Unspecified Works	1973	2277460
E	73m NW	Unspecified Works	1968	2277460
I	75m NW	Railway Buildings	1951	2160548
G	77m W	Cuttings	1957	2258671
J	94m SW	Police Station	1973	2317697
J	94m SW	Police Station	1968	2317697
K	102m N	Cuttings	1874	2327096
K	108m N	Cuttings	1894	2265903
L	110m E	Cocoa Factory	1951	2190022
M	113m W	Unspecified Works	1973	2311702
M	113m W	Unspecified Works	1968	2311702
M	113m W	Unspecified Works	1989	2311702
N	116m NW	Railway Station	1973	2255286
N	116m NW	Railway Station	1968	2255286
N	119m NW	Railway Station	1920	2238543
N	122m NW	Railway Station	1951	2238543
L	125m E	Unspecified Depot	1973	2279848
L	125m E	Unspecified Depot	1968	2279848
L	125m E	Unspecified Depot	1989	2279848
P	149m NE	Unspecified Yard	1968	2267845
P	154m N	Unspecified Depot	1920	2169918
P	157m NE	Unspecified Yard	1957	2237060



ID	Location	Land Use	Date	Group ID
Q	164m NE	Railway Building	1920	2224447
Q	166m NE	Railway Building	1951	2224447
N	174m NW	Railway Station	1894	2167943
S	188m NW	Railway Sidings	1894	2243713
N	189m W	Coal Depot	1957	2312796
N	191m NW	Cuttings	1874	2157259
S	191m NW	Railway Sidings	1874	2229131
M	191m W	Cuttings	1920	2216709
T	191m NE	Electric Works	1920	2173892
N	195m NW	Railway Building	1894	2196341
T	199m NE	Unspecified Works	1973	2236137
T	199m NE	Unspecified Works	1968	2236137
N	201m NW	Railway Station	1989	2317523
P	203m NE	Railway Buildings	1957	2250358
P	203m NE	Railway Buildings	1951	2205550
P	203m NE	Railway Buildings	1920	2236962
P	205m NE	Railway Building	1951	2196347
N	206m NW	Railway Sidings	1957	2283194
N	209m NW	Railway Building	1957	2196342
S	212m W	Railway Sidings	1920	2274846
P	223m NE	Railway Building	1894	2196333
N	238m W	Railway Buildings	1951	2232741
A	241m NE	Railway Building	1951	2196345
P	254m NE	Railway Sidings	1968	2228577
N	259m W	Railway Buildings	1973	2299820
N	259m W	Railway Buildings	1968	2299820
P	262m NE	Railway Building	1920	2226411
N	262m W	Railway Building	1920	2196349



ID	Location	Land Use	Date	Group ID
P	262m NE	Railway Building	1968	2266491
P	262m NE	Railway Building	1957	2266491
P	262m NE	Railway Building	1951	2226411
P	262m NE	Railway Building	1894	2224083
N	287m W	Railway Building	1894	2270504
N	292m W	Railway Building	1920	2270504
N	297m W	Coal Depot	1957	2256903
N	297m W	Railway Building	1951	2239900
Z	299m E	Cuttings	1874	2319194
N	310m NW	Railway Building	1920	2196350
S	313m W	Unspecified Ground Workings	1874	2229703
AB	315m N	Unspecified Heap	1894	2186358
N	318m W	Railway Building	1951	2196344
N	331m W	Railway Building	1920	2196351
F	340m NE	Railway Building	1951	2196346
AC	343m NE	Railway Buildings	1920	2301888
AC	344m NE	Railway Buildings	1951	2301888
Z	388m E	Coal Depot	1968	2288938
Z	388m E	Coal Depot	1957	2288938
Z	390m E	Railway Building	1973	2284126
Z	390m E	Railway Building	1968	2284126
Z	393m E	Railway Building	1874	2219643
AG	396m NE	Railway Sidings	1951	2206531
Z	403m E	Railway Buildings	1951	2314904
Z	405m E	Railway Building	1920	2260252
Z	407m E	Railway Building	1951	2283363
Z	409m E	Railway Building	1894	2305603
Z	409m E	Railway Building	1920	2283363



ID	Location	Land Use	Date	Group ID
Z	415m E	Railway Building	1968	2195306
Z	429m NE	Railway Station	1920	2233800
Z	434m E	Railway Station	1894	2299647
S	441m W	Unspecified Ground Workings	1973	2332455
S	441m W	Unspecified Ground Workings	1968	2332455
S	441m W	Unspecified Ground Workings	1957	2332455
Z	443m E	Railway Building	1920	2229164
Z	448m E	Railway Building	1874	2195305
Z	449m E	Railway Building	1894	2229164
AJ	450m E	Railway Station	1951	2207662
AG	451m NE	Railway Station	1951	2276662
AG	452m NE	Railway Station	1920	2276662
AG	453m NE	Railway Station	1894	2287453
Z	455m E	Railway Building	1874	2196332
AG	455m NE	Railway Station	1958	2203108
AG	455m NE	Railway Station	1874	2257730
AG	457m NE	Railway Station	1965	2237483
S	457m W	Railway Building	1894	2196340
Z	458m E	Railway Building	1920	2196335
Z	459m E	Railway Building	1920	2196337
Z	460m NE	Railway Building	1957	2222674
Z	460m NE	Railway Building	1951	2279516
Z	460m E	Cuttings	1957	2206168
S	467m W	Railway Building	1920	2260305
AG	469m NE	Railway Building	1951	2195387
AG	469m NE	Railway Buildings	1958	2160356
Z	469m E	Railway Station	1874	2225843
S	471m W	Railway Building	1951	2260305



ID	Location	Land Use	Date	Group ID
3	471m SW	Sawmill	1894	2201010
Z	474m E	Railway Building	1920	2196338
Z	491m E	Railway Building	1920	2196339
AJ	492m E	Railway Station	1989	2225853
AJ	493m E	London Transport Station	1973	2223044
AJ	493m E	London Transport Station	1968	2223044
AJ	493m E	London Transport Station	1957	2223044
4	494m SW	Nursery	1874	2180120
Z	496m E	Railway Buildings	1894	2268210
AO	499m NE	Telephone Exchange	1974	2245849
AO	499m NE	Telephone Exchange	1996	2245849

*This data is sourced from Ordnance Survey / Groundsure.*

## 2.2 Historical tanks

<b>Records within 500m</b>	<b>17</b>
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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 25 >](#)

ID	Location	Land Use	Date	Group ID
E	79m W	Unspecified Tank	1896	391478
N	231m NW	Unspecified Tank	1871	391468
N	239m NW	Unspecified Tank	1896	391479
N	248m W	Unspecified Tank	1953	405206
N	248m W	Unspecified Tank	1953	405206
N	249m W	Unspecified Tank	1955	405206
N	249m W	Unspecified Tank	1955	405206
N	254m W	Unspecified Tank	1915	401789
N	258m W	Unspecified Tank	1915	391474





ID	Location	Land Use	Date	Group ID
AB	323m N	Unspecified Tank	1871	391460
2	349m NW	Unspecified Tank	1871	391466
AE	386m NW	Unspecified Tank	1871	391465
Z	450m E	Unspecified Tank	1955	422141
Z	451m E	Unspecified Tank	1953	422141
AE	455m NW	Unspecified Tank	1871	391464
Z	482m E	Gas Board Depot	1953	413084
Z	484m E	Gas Board Depot	1955	413084

*This data is sourced from Ordnance Survey / Groundsure.*

## 2.3 Historical energy features

### Records within 500m

91

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 25 >](#)

ID	Location	Land Use	Date	Group ID
D	On site	Electricity Substation	1974	309199
D	On site	Electricity Substation	1994	291769
D	On site	Electricity Substation	1984	309199
D	On site	Electricity Substation	1991	309199
D	On site	Electricity Substation	1992	309199
E	84m W	Electricity Substation	1974	280383
E	85m W	Electricity Substation	1994	296412
E	86m W	Electricity Substation	1985	285120
E	86m W	Electricity Substation	1991	285120
E	86m W	Electricity Substation	1991	285120
J	119m SW	Electricity Substation	1984	297475
J	119m SW	Electricity Substation	1991	297475



ID	Location	Land Use	Date	Group ID
J	119m SW	Electricity Substation	1992	297475
J	119m SW	Electricity Substation	1974	297475
J	119m SW	Electricity Substation	1994	297475
O	120m E	Electricity Substation	1984	319440
O	120m E	Electricity Substation	1991	319440
O	120m E	Electricity Substation	1992	319440
I	121m NW	Electricity Substation	1994	282560
I	121m NW	Electricity Substation	1974	282560
I	122m NW	Electricity Substation	1984	282560
I	122m NW	Electricity Substation	1991	282560
I	122m NW	Electricity Substation	1992	282560
O	122m E	Electricity Substation	1994	289737
O	122m E	Electricity Substation	1974	310032
T	193m NE	Electric Lighting Station	1896	275577
T	196m NE	Electricity Depot	1953	309145
T	196m NE	Electricity Depot	1955	316859
T	196m NE	Electricity Depot	1955	316859
U	197m SE	Electricity Substation	1970	284654
U	197m SE	Electricity Substation	1991	319103
U	197m SE	Electricity Substation	1990	319103
U	197m SE	Electricity Substation	1990	319103
Q	200m NE	Electricity Substation	1974	268843
Q	203m NE	Electricity Substation	1984	317345
Q	203m NE	Electricity Substation	1991	317345
Q	203m NE	Electricity Substation	1992	317345
Q	204m NE	Electricity Substation	1994	294208
T	241m NE	Electricity Substation	1992	306151
T	241m NE	Electricity Substation	1994	306151



ID	Location	Land Use	Date	Group ID
X	258m W	Electricity Substation	1974	313335
X	258m W	Electricity Substation	1994	309874
X	259m W	Electricity Substation	1985	278227
X	259m W	Electricity Substation	1991	278227
X	259m W	Electricity Substation	1991	278227
Y	269m SE	Electricity Substation	1984	317560
Y	269m SE	Electricity Substation	1991	317560
Y	269m SE	Electricity Substation	1992	317560
Y	269m SE	Electricity Substation	1994	317560
Y	270m SE	Electricity Substation	1974	317560
AA	303m S	Electricity Substation	1970	277780
AA	304m S	Electricity Substation	1991	286594
AA	304m S	Electricity Substation	1990	313105
AA	304m S	Electricity Substation	1990	293248
AD	373m SW	Electricity Substation	1974	295392
AD	374m SW	Electricity Substation	1995	295392
AD	374m SW	Electricity Substation	1991	295392
AF	393m S	Electricity Substation	1991	322078
AF	393m S	Electricity Substation	1990	322078
AF	394m S	Electricity Substation	1970	322078
AH	405m E	Electricity Substation	1986	299717
AH	405m E	Electricity Substation	1991	299717
AH	405m E	Electricity Substation	1994	299717
AH	405m E	Electricity Substation	1971	299717
Z	407m E	Electricity Substation	1955	282430
Z	407m E	Electricity Substation	1953	282430
AI	413m S	Electricity Substation	1991	302508
AI	413m S	Electricity Substation	1990	302508



ID	Location	Land Use	Date	Group ID
AI	413m S	Electricity Substation	1990	302508
AI	413m S	Electricity Substation	1970	277378
AG	450m NE	Electricity Substation	1991	300095
AG	450m NE	Electricity Substation	1971	300095
AG	450m NE	Electricity Substation	1979	300095
AK	459m W	Electricity Substation	1955	284664
AK	459m W	Electricity Substation	1955	284664
AK	463m W	Electricity Substation	1991	307239
AK	463m W	Electricity Substation	1995	284424
AK	463m W	Electricity Substation	1953	293499
AK	463m W	Electricity Substation	1974	293499
S	470m NW	Electricity Substation	1994	300653
S	470m NW	Electricity Substation	1974	300653
S	471m NW	Electricity Substation	1985	300653
S	471m NW	Electricity Substation	1991	300653
S	471m NW	Electricity Substation	1991	300653
AE	477m NW	Electricity Substation	1973	268635
Z	482m E	Gas Board Depot	1953	282901
Z	484m E	Gas Board Depot	1955	282901
AN	489m E	Electricity Substation	1986	316244
AN	489m E	Electricity Substation	1991	316244
AN	490m E	Electricity Substation	1994	316244
AN	491m E	Electricity Substation	1971	316244

*This data is sourced from Ordnance Survey / Groundsure.*



## 2.4 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. 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

56

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 25 >](#)

ID	Location	Land Use	Date	Group ID
B	6m W	General Post Office Garage	1960	92077
B	6m W	General Post Office Garage	1960	92077
H	65m S	Garages	1955	83260
H	65m S	Garages	1955	83260
H	65m SE	Garages	1960	83260
H	65m SE	Garages	1960	83260
H	65m SE	Garages	1953	83260
R	170m N	Garage	1955	89262
R	170m N	Garage	1955	89262
R	170m N	Garage	1960	85752
R	170m N	Garage	1960	85752
R	170m N	Garage	1953	89170
V	197m S	Garages	1955	91623
V	197m S	Garages	1955	91623
V	197m S	Garages	1965	91623
V	197m S	Garages	1953	91623



ID	Location	Land Use	Date	Group ID
W	254m S	Garage	1955	83692
W	254m S	Garage	1955	83692
W	255m S	Garages	1965	95615
W	255m S	Garages	1953	93616
N	289m W	Car Breakers Yard	1974	82026
AA	303m S	Garages	1955	92114
AA	303m S	Garages	1955	92114
AA	303m S	Garages	1965	92114
AA	303m S	Garages	1953	92114
AA	332m S	Garages	1955	87204
AA	332m S	Garages	1955	87204
AA	333m S	Garages	1965	87204
AA	333m S	Garages	1953	87204
AE	397m NW	Garages	1955	90860
AE	397m NW	Garages	1955	90860
AE	412m NW	Garages	1953	84551
S	460m W	Garages	1953	87071
S	460m W	Garages	1953	87071
AG	462m NE	Garage	1953	93569
AG	462m NE	Garage	1955	93569
AG	462m NE	Garage	1955	93569
S	464m NW	Garages	1953	95913
S	464m NW	Garages	1953	95913
S	465m NW	Garages	1955	95913
S	465m NW	Garages	1955	95913
AE	468m NW	Garages	1953	91033
AL	468m NW	Garages	1953	94023
AE	468m NW	Garages	1955	91033

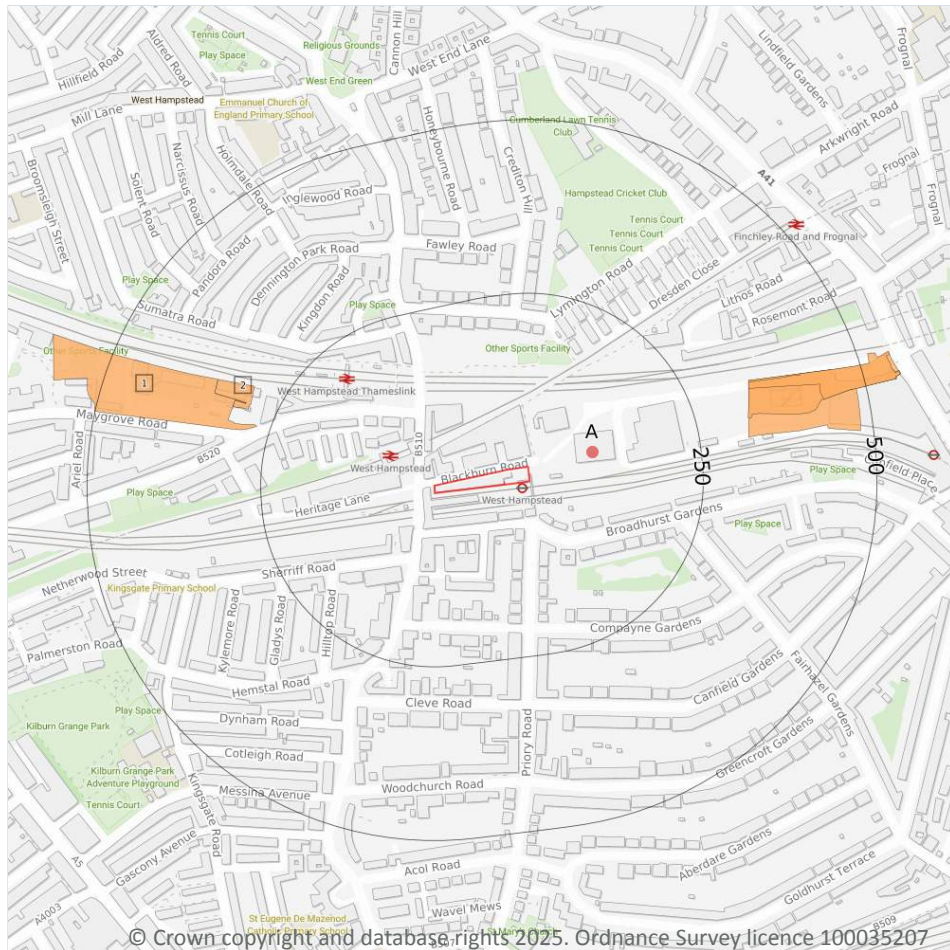


ID	Location	Land Use	Date	Group ID
AE	468m NW	Garages	1955	91033
S	470m W	Garages	1955	87071
S	470m W	Garages	1955	87071
AL	472m NW	Garages	1955	95445
AL	472m NW	Garages	1955	95445
AG	473m NE	Garage	1953	93569
AG	484m NE	Garage	1955	90002
AG	484m NE	Garage	1970	90002
AM	484m S	Garages	1965	88755
AM	484m S	Garages	1953	88755
AM	484m S	Garages	1955	88755
AM	484m S	Garages	1955	88755

*This data is sourced from Ordnance Survey / Groundsure.*



## 3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- Historical landfill (EA/NRW)
- 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

**1**

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.

Features are displayed on the Waste and landfill map on [page 39 >](#)

ID	Location	Details		
B	361m E	Site Address: Canfield Place, London NW6 Licence Holder Address: -	Waste Licence: - Site Reference: DON009 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded - Last Recorded: -

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

### 3.5 Historical waste sites

#### Records within 500m

**5**

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 39 >](#)

ID	Location	Address	Further Details	Date
1	270m W	Site Address: N/A	Type of Site: Scrap Metal Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1974



ID	Location	Address	Further Details	Date
2	289m W	Site Address: N/A	Type of Site: Car Breaker's Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1974
B	320m E	Site Address: N/A	Type of Site: Waste Transfer Station Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1994
B	325m E	Site Address: N/A	Type of Site: Refuse Transfer Depot Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1986
B	337m E	Site Address: N/A	Type of Site: Refuse Transfer Depot Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1971

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

### 3.6 Licensed waste sites

<b>Records within 500m</b>	<b>0</b>
----------------------------	----------

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

<b>Records within 500m</b>	<b>2</b>
----------------------------	----------

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 39 >](#)

ID	Location	Site	Reference	Category	Sub-Category	Description
A	94m E	277, Finchley Road, London, Nw3 6lt	WEX382309	Storing waste exemption	Not on a farm	Storage of waste in a secure place

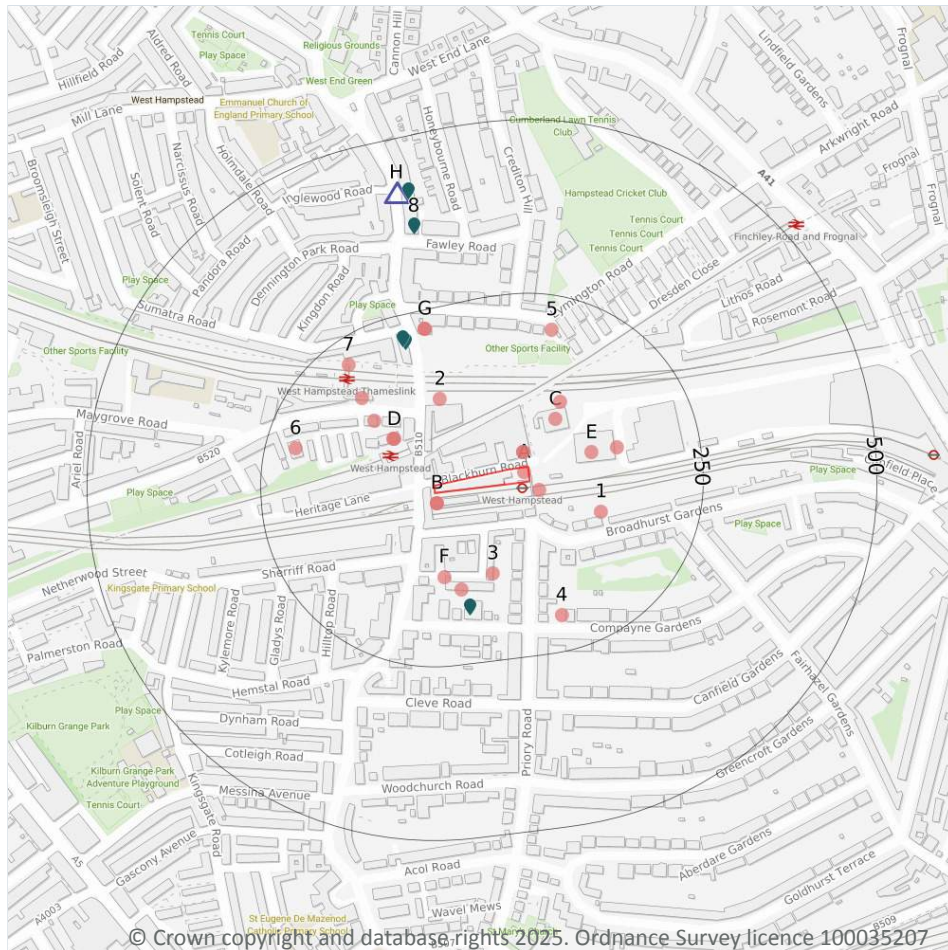


ID	Location	Site	Reference	Category	Sub-Category	Description
A	94m E	277, Finchley Road, London, Nw3 6lt	WEX254688	Storing waste exemption	Not on a farm	Storage of waste in a secure place

*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)

### 4.1 Recent industrial land uses

Records within 250m

25

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 43](#) >

ID	Location	Company	Address	Activity	Category
A	On site	Electricity Sub Station	Greater London, NW6	Electrical Features	Infrastructure and Facilities
B	15m SW	West Hampstead	West Hampstead Station, West End Lane, London, Greater London, NW6 2LS	Underground Network Stations	Public Transport, Stations and Infrastructure



ID	Location	Company	Address	Activity	Category
B	15m SW	West Hampstead Rail Station	Greater London, NW6	Railway Stations, Junctions and Halts	Public Transport, Stations and Infrastructure
A	19m E	Gantry	Greater London, NW6	Travelling Cranes and Gantries	Industrial Features
A	22m NE	E L A L Israel Airlines	Blackburn House, Blackburn Road, London, Greater London, NW6 1RZ	Airlines and Airline Services	Transport, Storage and Delivery
A	22m NE	Ink	Blackburn House, Blackburn Road, London, Greater London, NW6 1RZ	Published Goods	Industrial Products
C	79m NE	Finchley Road Audi	279, Finchley Road, London, Greater London, NW3 6LT	New Vehicles	Motoring
D	88m NW	Publications UK	Offices and Premises at Ground Floor Unit 9 Hampstead West 224, Iverson Road, London, Greater London, NW6 2HL	Published Goods	Industrial Products
D	89m NW	G E P UK	Offices and Premises at Ground Floor Unit 9, Hampstead West, 224, Iverson Road, London, Greater London, NW6 2HL	Special Purpose Machinery and Equipment	Industrial Products
E	94m E	Alan Day Volkswagen	277, Finchley Road, London, Greater London, NW3 6LT	New Vehicles	Motoring
C	105m NE	Mast (Telecommunication)	Greater London, NW3	Telecommunications Features	Infrastructure and Facilities
1	112m E	Electricity Sub Station	Greater London, NW6	Electrical Features	Infrastructure and Facilities
2	120m NW	Electricity Sub Station	Greater London, NW6	Electrical Features	Infrastructure and Facilities
F	121m SW	Electricity Sub Station	Greater London, NW6	Electrical Features	Infrastructure and Facilities
3	125m S	G M Deery	5, West Hampstead Mews, London, Greater London, NW6 3BB	Vehicle Repair, Testing and Servicing	Repair and Servicing
D	127m NW	Topcret	Warehouse and Premises at Unit 4 Hampstead West 224, Iverson Road, London, Greater London, NW6 2HL	Carpets, Flooring, Rugs and Soft Furnishings	Consumer Products
E	130m E	Electricity Sub Station	Greater London, NW3	Electrical Features	Infrastructure and Facilities
F	142m S	Kwik Kar Service Centre	11, West Hampstead Mews, London, Greater London, NW6 3BB	Vehicle Repair, Testing and Servicing	Repair and Servicing





ID	Location	Company	Address	Activity	Category
D	164m NW	Mast (Telecommu nication)	Greater London, NW6	Telecommunications Features	Infrastructure and Facilities
4	198m SE	Electricity Sub Station	Greater London, NW6	Electrical Features	Infrastructure and Facilities
5	201m NE	Electricity Sub Station	Greater London, NW6	Electrical Features	Infrastructure and Facilities
6	207m W	Works	Greater London, NW6	Unspecified Works Or Factories	Industrial Features
7	213m NW	West Hampstead Thameslink Rail Station	Greater London, NW6	Railway Stations, Junctions and Halts	Public Transport, Stations and Infrastructure
G	224m N	Lola's Cupcakes	168, West End Lane, London, Greater London, NW6 1SD	Baking and Confectionery	Foodstuffs
G	224m N	Lola's Bakery	168, West End Lane, London, Greater London, NW6 1SD	Baking and Confectionery	Foodstuffs

*This data is sourced from Ordnance Survey.*

## 4.2 Current or recent petrol stations

**Records within 500m**

**1**

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on [page 43](#) >

ID	Location	Company	Address	LPG	Status
H	424m N	OBSOLETE	West End Lane, London, Inner London, NW6 1XF	Not Applicable	Obsolete

*This data is sourced from Experian.*

## 4.3 Electricity cables

**Records within 500m**

**0**

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

5

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 43 >](#)

ID	Location	Address	Details	
F	168m S	Wj Humpage, Loudon Rd Coachworks, West Hampstead Mews, NW6 3BB	Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
G	212m NW	Madame George Dry Cleaners, 227 West End Lane, London, NW6 1XJ	Process: Dry Cleaning Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
G	216m NW	Madame George Dry Cleaners, 227 West End Lane, NW6 1XJ	Process: Dry Cleaning Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
8	372m N	Shamrock, 210 West End Lane, NW6 1UU	Process: Dry Cleaning Status: Revoked Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified



ID	Location	Address	Details	
H	422m N	Shamrock Express Cleaners, 210 West End Lane, NW6 1UU	Process: Dry Cleaning Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements 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

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

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****0**

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

*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

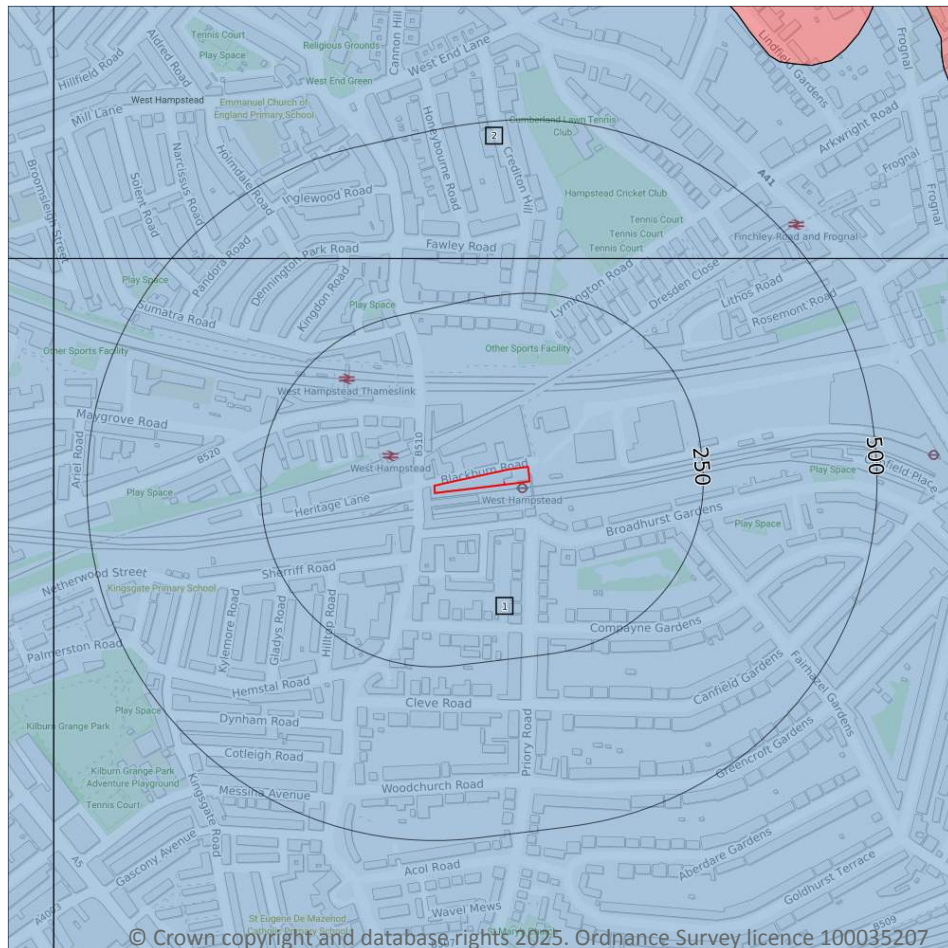
0

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.

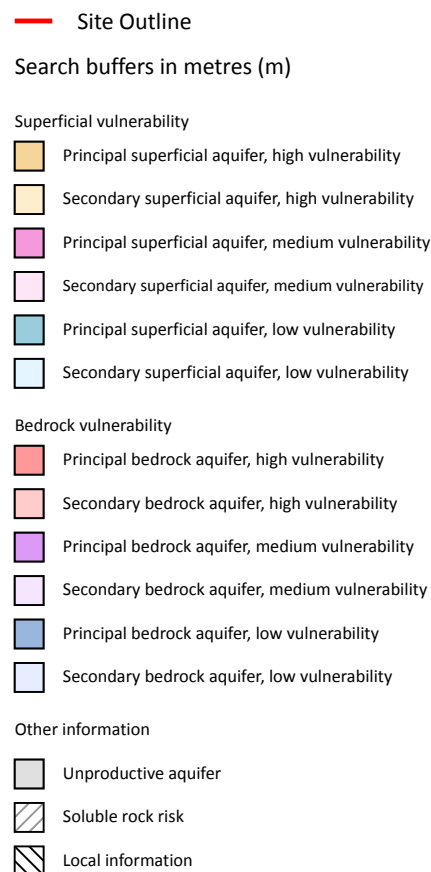
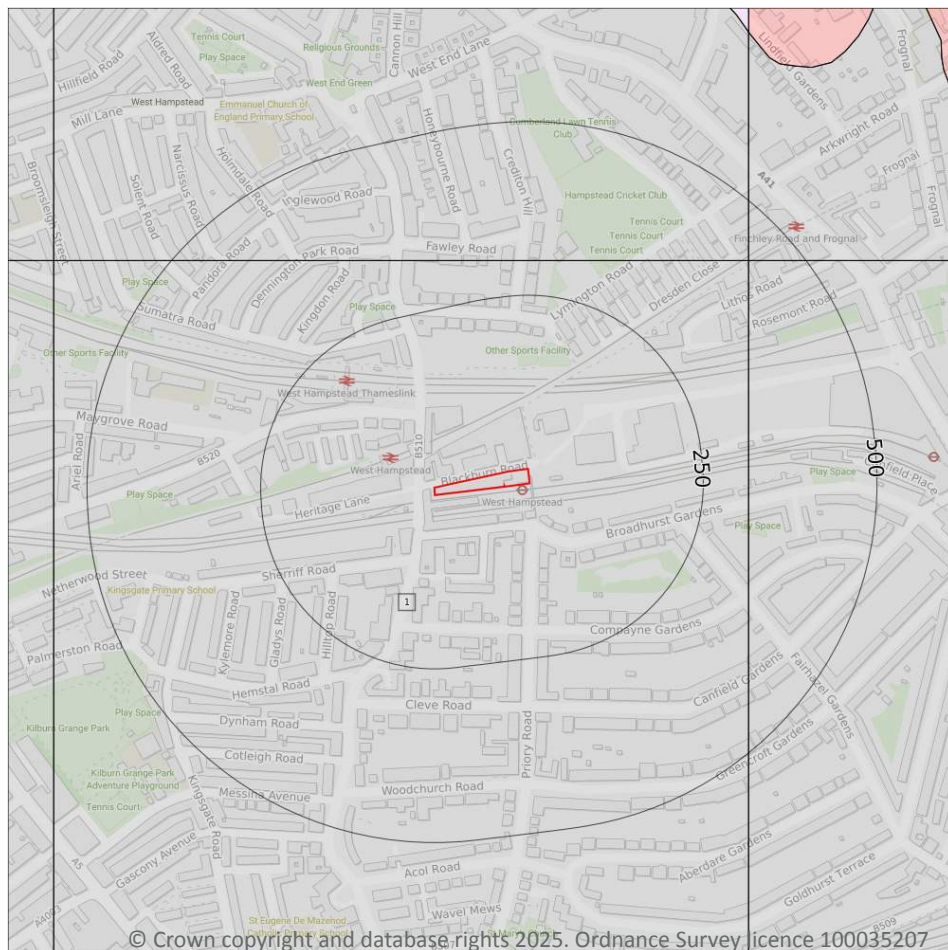
Features are displayed on the Bedrock aquifer map on [page 52](#) >

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	300m N	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 53](#) >



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

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

## 5.4 Groundwater vulnerability- soluble rock risk

<b>Records on site</b>	<b>0</b>
------------------------	----------

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

<b>Records on site</b>	<b>0</b>
------------------------	----------

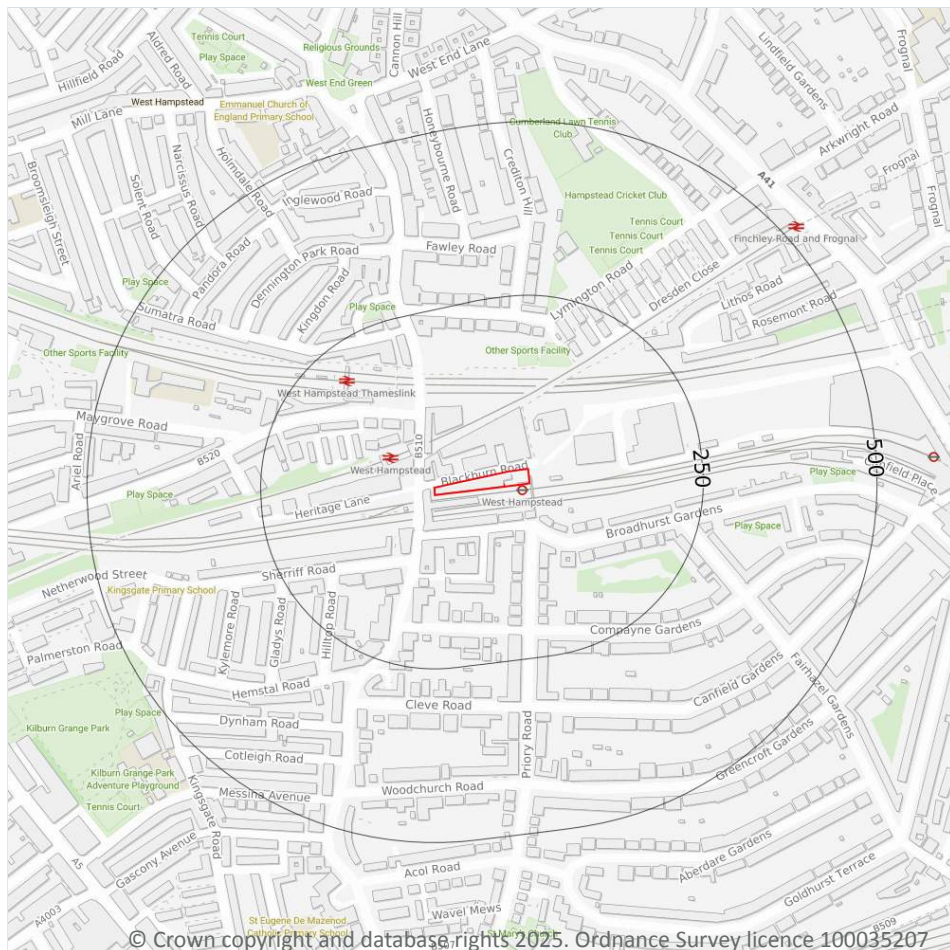
This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506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

6

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 55 >](#)



ID	Location	Details	
-	1144m E	Status: Active Licence No: TH/039/0039/087 Details: General Washing/Process Washing Direct Source: THAMES GROUNDWATER Point: SWISS COTTAGE OPEN SPACE- BOREHOLE Data Type: Point Name: LONDON BOROUGH OF CAMDEN Easting: 526750 Northing: 184261	Annual Volume (m <sup>3</sup> ): 10512 Max Daily Volume (m <sup>3</sup> ): 28.8 Original Application No: NPS/WR/014567 Original Start Date: 05/12/2013 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 05/12/2013 Version End Date: -
-	1144m E	Status: Active Licence No: TH/039/0039/087 Details: Lake & Pond Throughflow Direct Source: THAMES GROUNDWATER Point: SWISS COTTAGE OPEN SPACE- BOREHOLE Data Type: Point Name: LONDON BOROUGH OF CAMDEN Easting: 526750 Northing: 184261	Annual Volume (m <sup>3</sup> ): 10512 Max Daily Volume (m <sup>3</sup> ): 28.8 Original Application No: NPS/WR/014567 Original Start Date: 05/12/2013 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 05/12/2013 Version End Date: -
-	1144m E	Status: Active Licence No: TH/039/0039/087 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: SWISS COTTAGE OPEN SPACE- BOREHOLE Data Type: Point Name: LONDON BOROUGH OF CAMDEN Easting: 526750 Northing: 184261	Annual Volume (m <sup>3</sup> ): 10512 Max Daily Volume (m <sup>3</sup> ): 28.8 Original Application No: NPS/WR/014567 Original Start Date: 05/12/2013 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 05/12/2013 Version End Date: -
-	1185m E	Status: Historical Licence No: 28/39/39/0219 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: SWISS COTTAGE OPEN SPACE- BOREHOLE Data Type: Point Name: LONDON BOROUGH OF CAMDEN Easting: 526800 Northing: 184280	Annual Volume (m <sup>3</sup> ): 10512 Max Daily Volume (m <sup>3</sup> ): 28.8 Original Application No: - Original Start Date: 12/08/2005 Expiry Date: 31/03/2013 Issue No: 1 Version Start Date: 01/04/2008 Version End Date: -
-	1192m SE	Status: Active Licence No: TH/039/0039/169 Details: Dewatering Direct Source: THAMES GROUNDWATER Point: SHALLOW DEPOSITS & LONDON CLAY IN CAMDEN, LONDON - C Data Type: Point Name: NATIONAL RAIL Easting: 526574 Northing: 183886	Annual Volume (m <sup>3</sup> ): 425736 Max Daily Volume (m <sup>3</sup> ): 1167 Original Application No: NPS/NA/001706 Original Start Date: 13/09/2022 Expiry Date: 31/03/2037 Issue No: 1 Version Start Date: 13/09/2022 Version End Date: -



ID	Location	Details	
-	1217m E	Status: Active Licence No: TH/039/0039/169 Details: Dewatering Direct Source: THAMES GROUNDWATER Point: SHALLOW DEPOSITS & LONDON CLAY IN CAMDEN, LONDON - B Data Type: Point Name: NATIONAL RAIL Easting: 526817 Northing: 184233	Annual Volume (m <sup>3</sup> ): 425736 Max Daily Volume (m <sup>3</sup> ): 1167 Original Application No: NPS/NA/001706 Original Start Date: 13/09/2022 Expiry Date: 31/03/2037 Issue No: 1 Version Start Date: 13/09/2022 Version End Date: -

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

## 5.7 Surface water abstractions

<b>Records within 2000m</b>	<b>0</b>
-----------------------------	----------

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

<b>Records within 2000m</b>	<b>0</b>
-----------------------------	----------

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.

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

## 5.9 Source Protection Zones

<b>Records within 500m</b>	<b>0</b>
----------------------------	----------

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

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



## 5.10 Source Protection Zones (confined aquifer)

Records within 500m

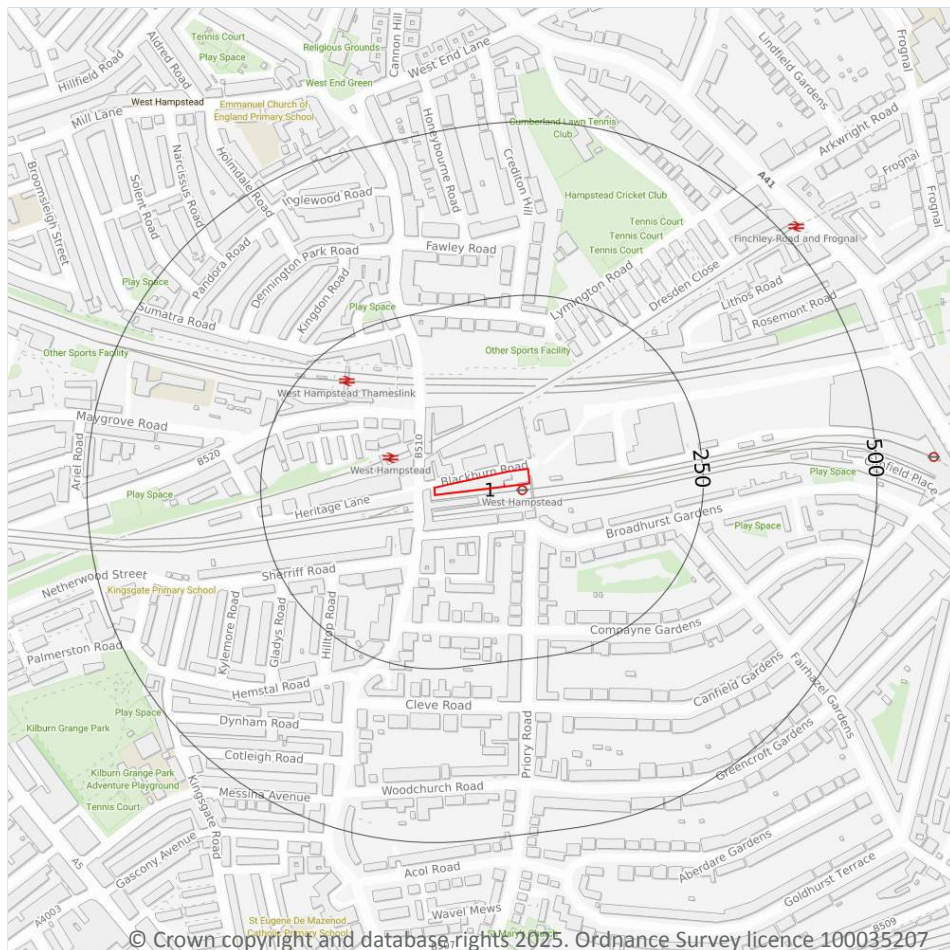
0

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

0

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

*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

<b>Records on site</b>	<b>1</b>
------------------------	----------

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 59 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	On site	Coastal Catchment	Not part of a river WB catchment	128	Land area part of London Management Catchment draining to the Tidal Thames	London

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

## 6.4 WFD Surface water bodies

<b>Records identified</b>	<b>0</b>
---------------------------	----------

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.

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

## 6.5 WFD Groundwater bodies

<b>Records on site</b>	<b>0</b>
------------------------	----------

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 the sea

Records within 50m

0

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m within the Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) models. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition. The risk categories for RoFRaS for rivers and the sea and FRAW for rivers are; 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). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 200 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 200 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

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

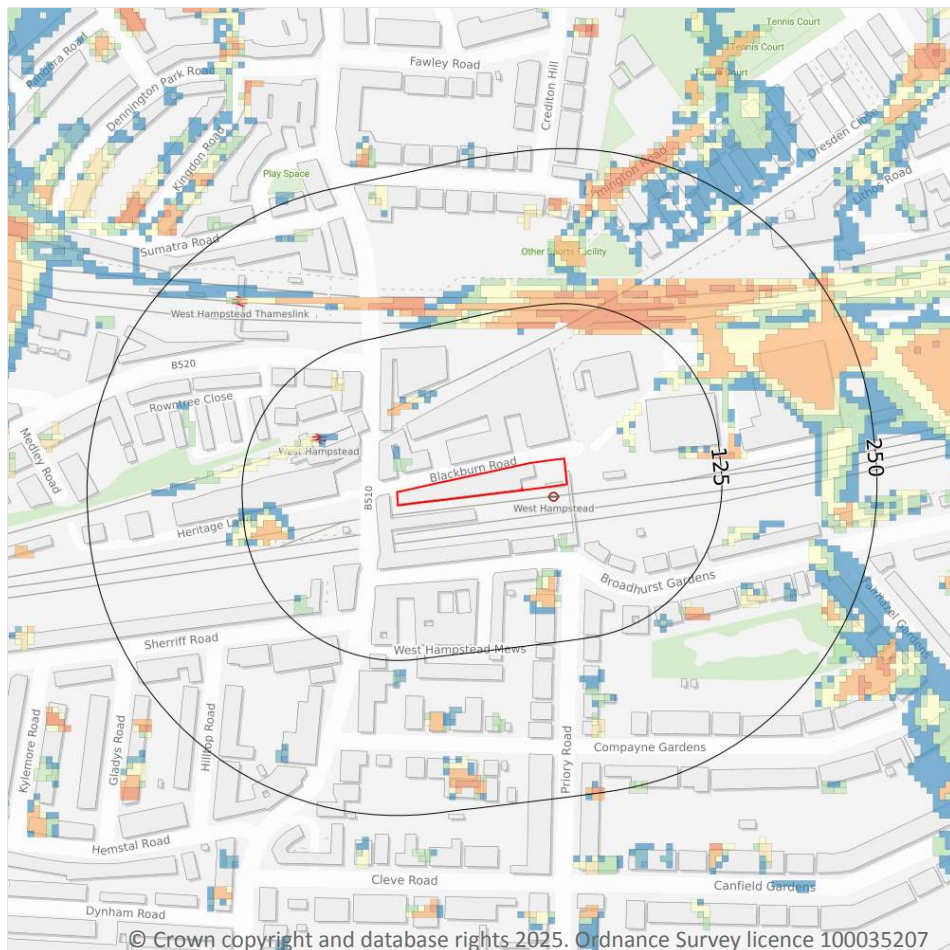
0

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



— Site Outline

Search buffers in metres (m)

1 in 1000 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 250 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 100 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 30 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

### 8.1 Surface water flooding

**Highest risk on site**

**Negligible**

**Highest risk within 50m**

**1 in 100 year, 0.1m - 0.3m**

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 64 >](#)

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	Negligible
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



— Site Outline  
Search buffers in metres (m)

- High
- Moderate - High
- Moderate
- Low
- Negligible

### 9.1 Groundwater flooding

**Highest risk on site**

**Negligible**

**Highest risk within 50m**

**Negligible**

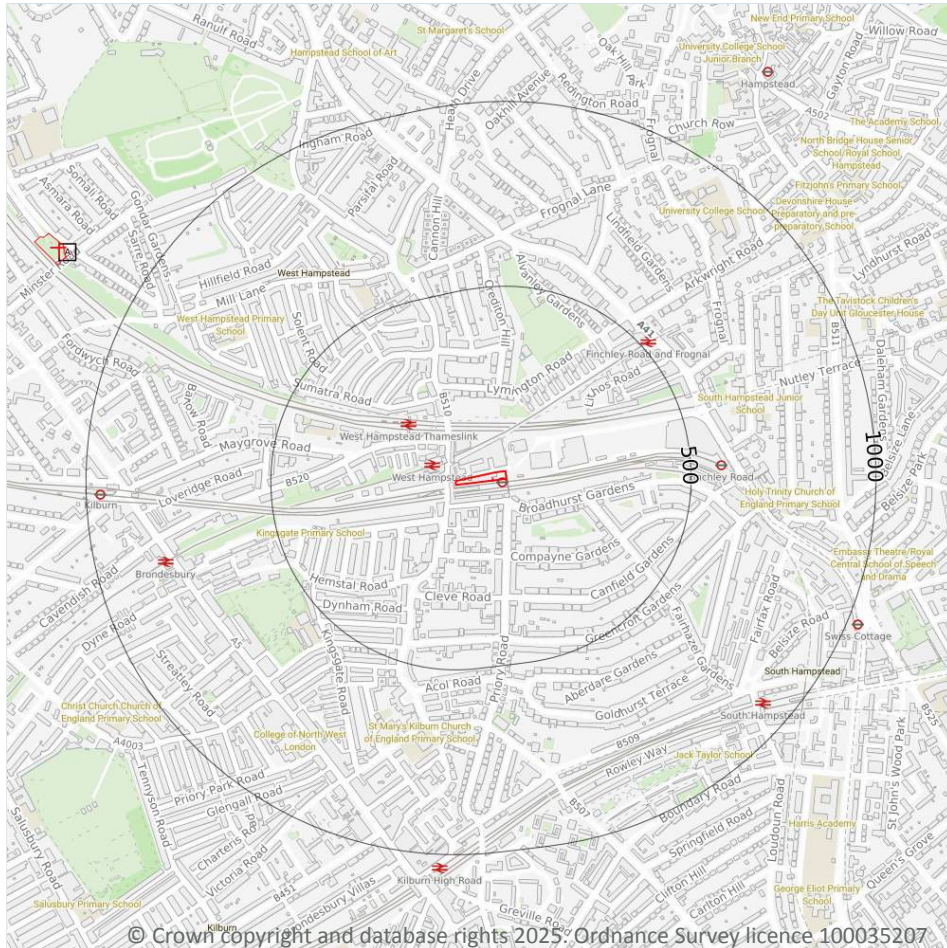
Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks 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 66](#) >

*This data is sourced from Ambiantal Risk Analytics.*



## 10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- + Local Nature Reserves (LNR)
- ▨ Designated Ancient Woodland

### 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

4

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 67 >](#)

ID	Location	Name	Data source
A	1208m NW	Westbere Copse	Natural England
A	1217m NW	Westbere Copse	Natural England
-	1874m E	Belsize Wood	Natural England
-	1923m E	Adelaide	Natural England

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

## 10.7 Designated Ancient Woodland

### Records within 2000m

1

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.

Features are displayed on the Environmental designations map on [page 67 >](#)

ID	Location	Name	Woodland Type
-	1996m N	Bishops Wood	Ancient & Semi-Natural Woodland

*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

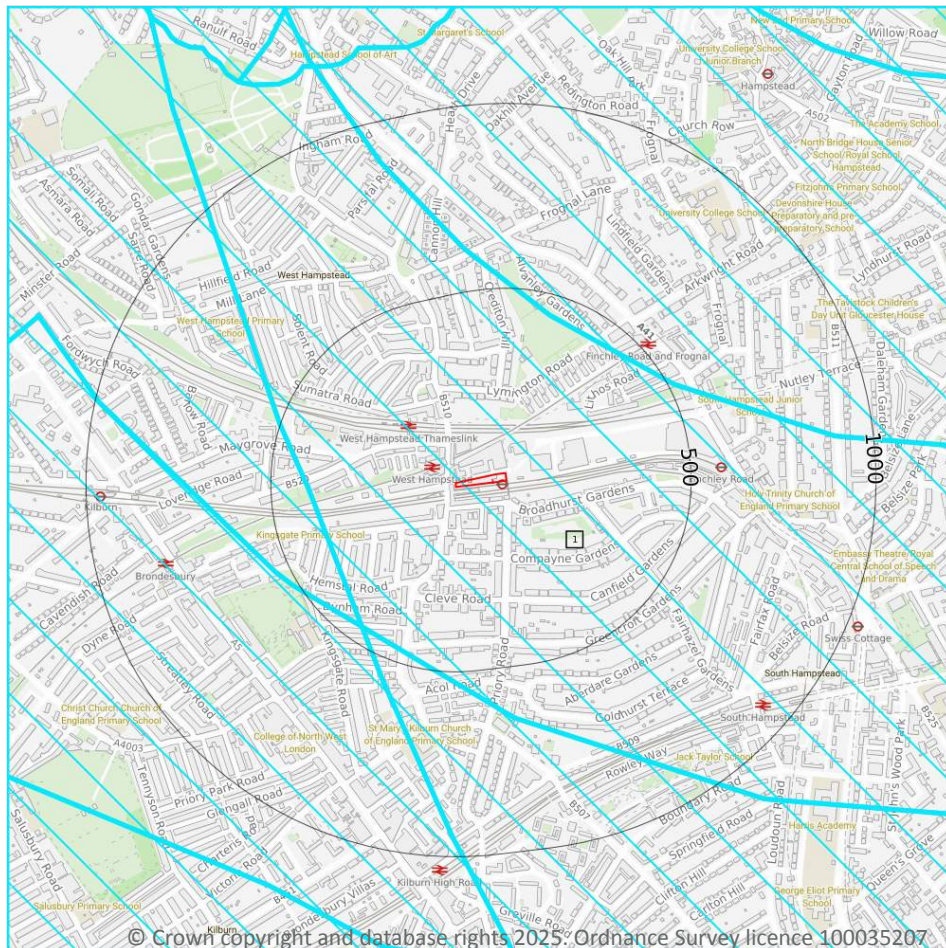
Records within 2000m

0

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.

*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 72 >](#)

ID	Location	Type of developments requiring consultation
1	On site	<p>Infrastructure - Airports, helipads and other aviation proposals.</p> <p>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil &amp; gas exploration/extraction.</p> <p>Air pollution - Livestock &amp; poultry units with floorspace &gt; 500m<sup>2</sup>, slurry lagoons &amp; digestate stores &gt; 750m<sup>2</sup>, manure stores &gt; 3500t.</p> <p>Combustion - General combustion processes &gt;50MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.</p>

*This data is sourced from Natural England.*

## 10.18 SSSI Units

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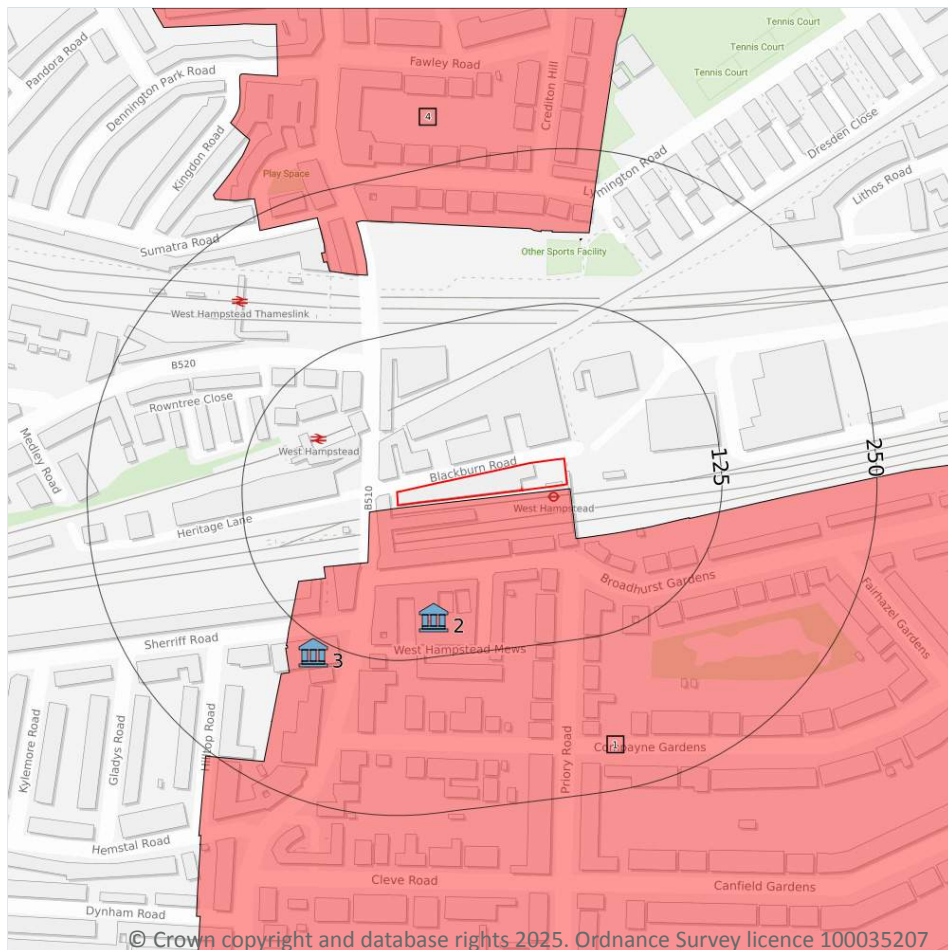
Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

*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****2**

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 74 >](#)

ID	Location	Name	Grade	Reference Number	Listed date
2	94m SW	Lilian Baylis House (Former Decca Recording Studios), Including Walls To Broadhurst Gardens	II	1475683	11/08/2021
3	137m SW	Church Of St James	II	1378657	11/01/1999

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



## 11.5 Conservation Areas

### Records within 250m

**3**

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 74](#) >

ID	Location	Name	District	Date of designation
1	2m W	South Hampstead	Camden	01/08/1988
4	176m NW	West End Green	Camden	17/03/1993
5	177m N	West End Green	Camden	17/03/1993

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

## 11.7 Registered Parks and Gardens

### Records within 250m

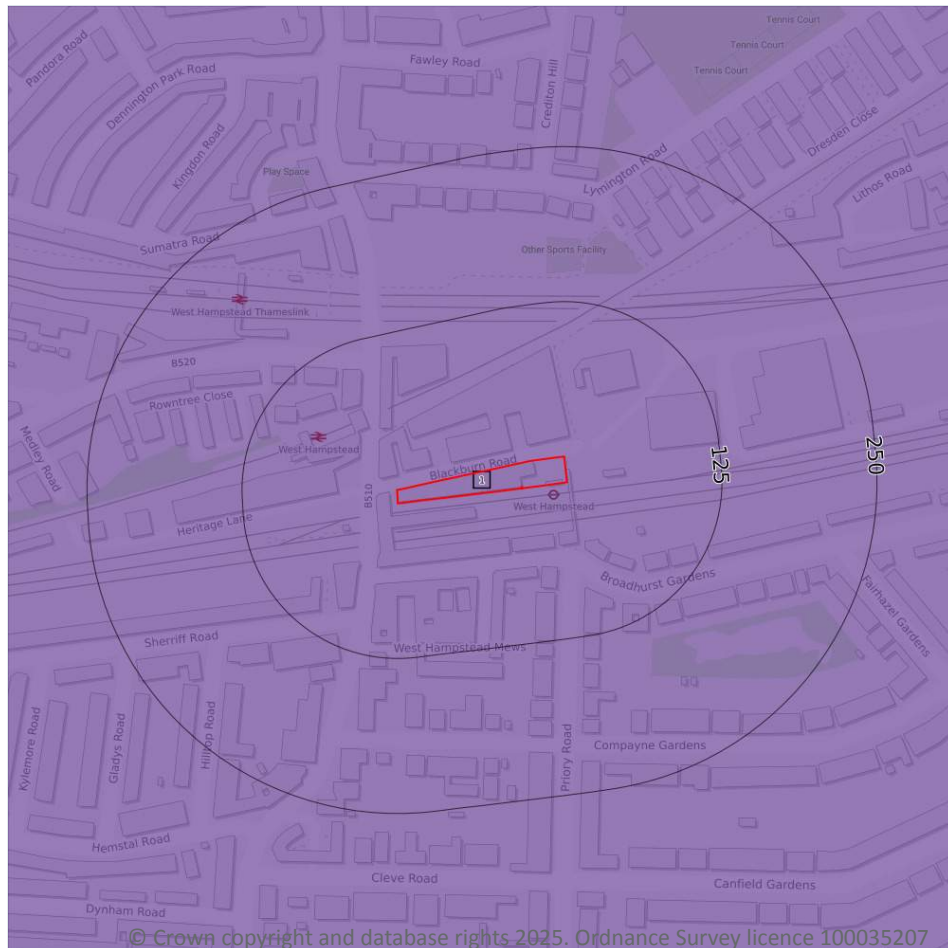
**0**

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 Historic England, 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 77](#) >

ID	Location	Classification	Description
1	On site	Urban	Non-agricultural/no quality assigned

This data is sourced from Natural England.



## 12.2 Open Access Land

Records within 250m

0

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.

*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. The schemes identified may be historical schemes that have now expired, or may still be active.

*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

1

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
2	144m SE	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

1

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.

Features are displayed on the Habitat designations map on [page 79 >](#)

ID	Location	Site reference	Identification confidence	Primary source	Secondary source	Tertiary source
1	29m W	Land to west of West End Lane	Low	BugLife All Of A Buzz Data	National Land Use Database - Previously Developed Land	-

*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	TQ28SE
2	300m N	Full	Full	Full	No coverage	TQ28NE

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

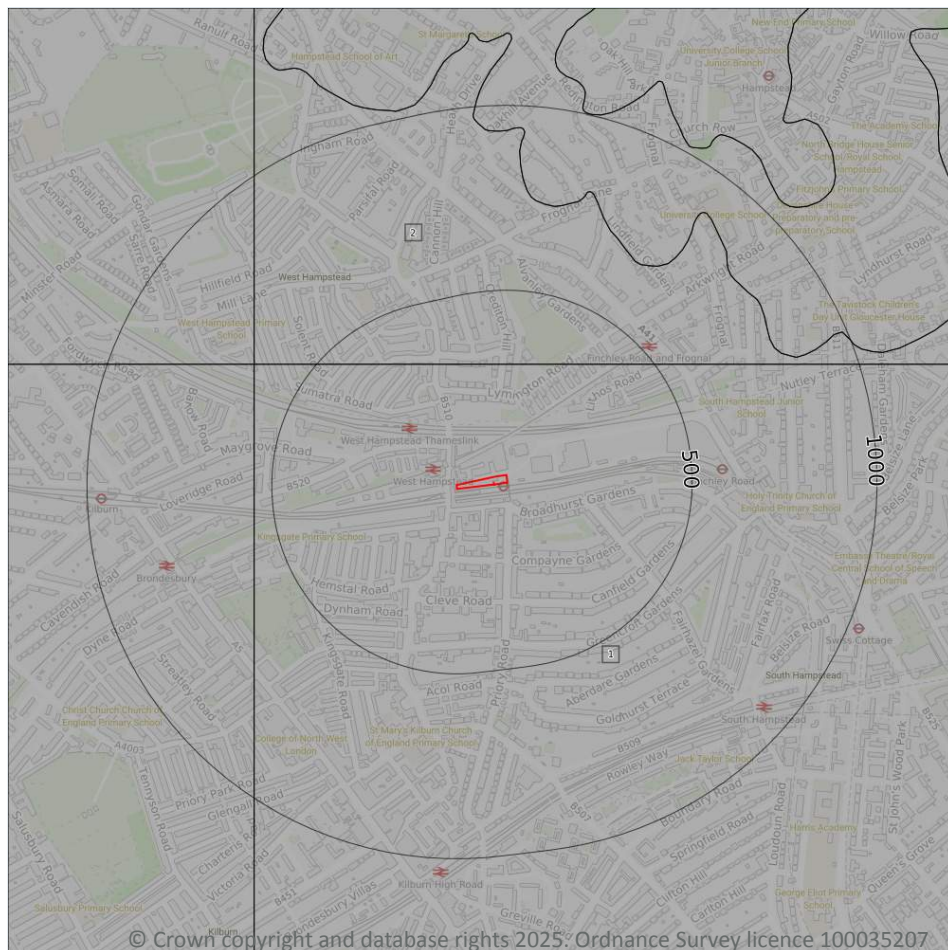
0

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	300m N	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

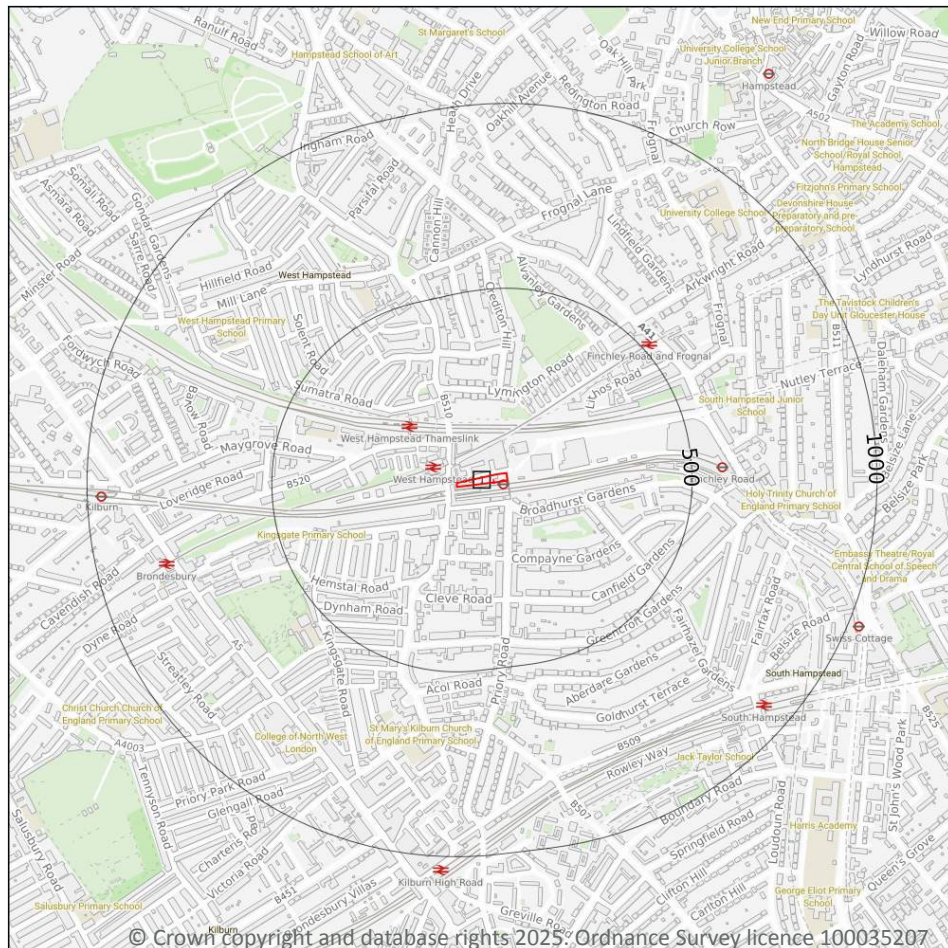
0

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

### 15.2 Artificial and made ground (50k)

Records within 500m

0

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.

*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

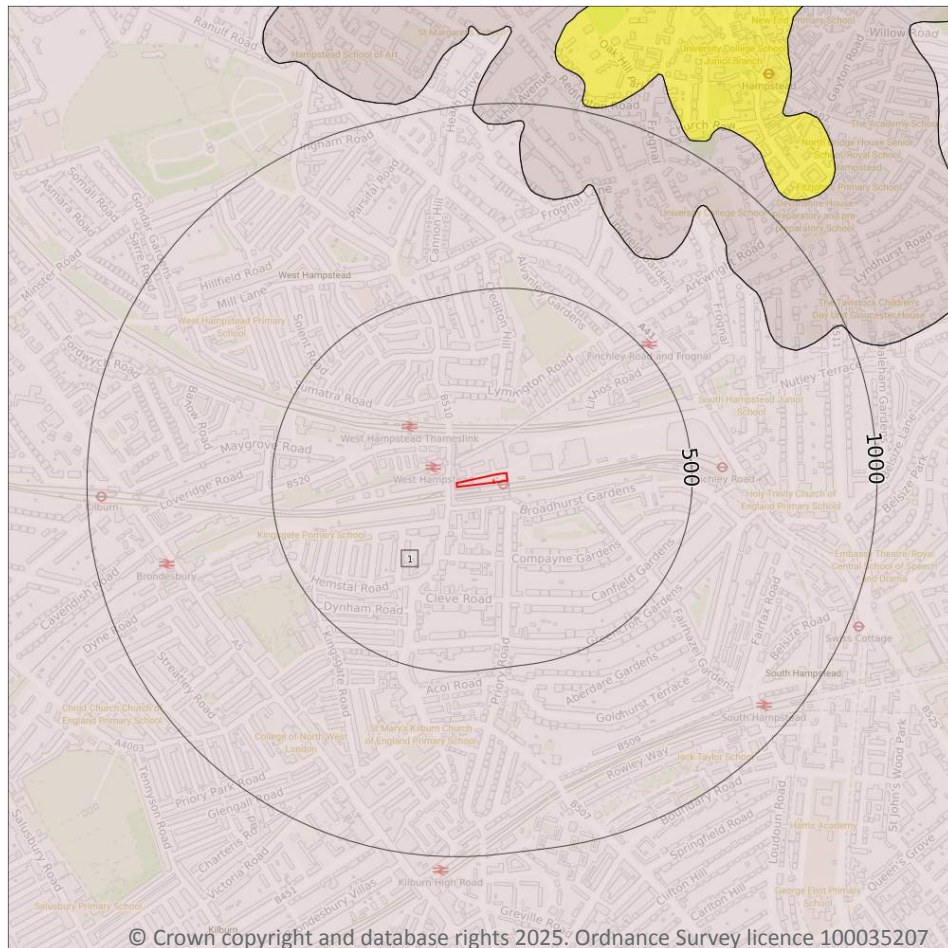
0

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 89 >](#)

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

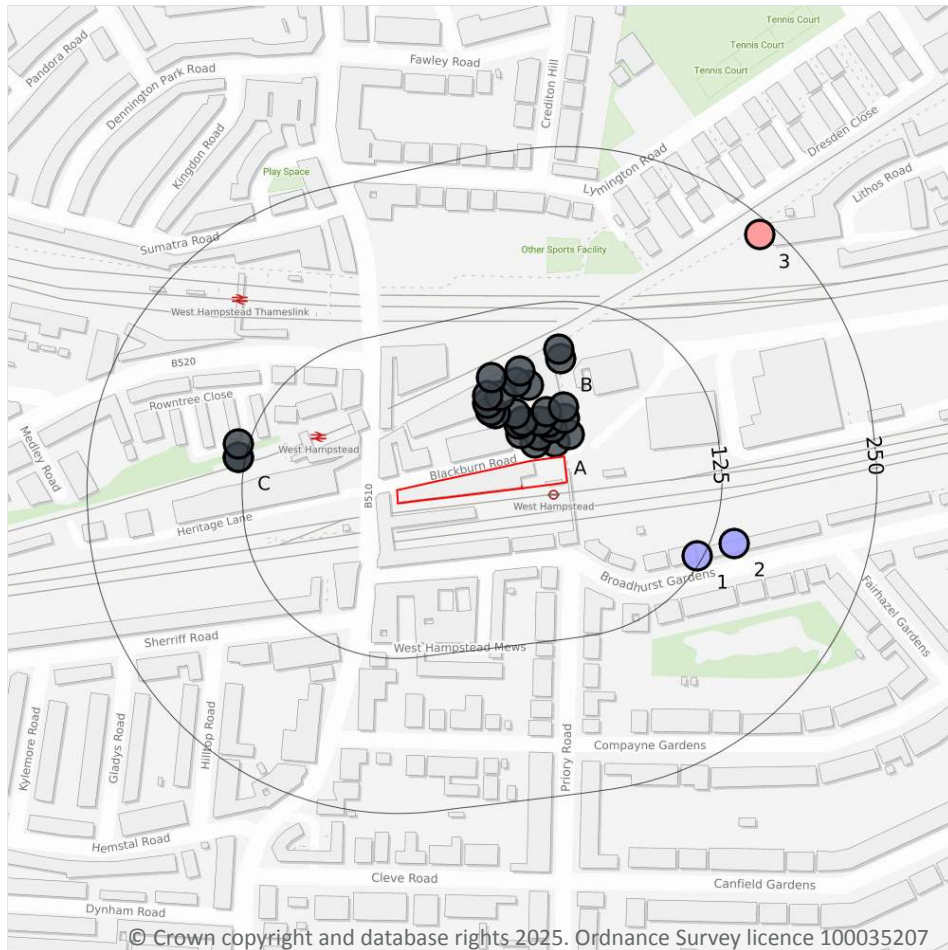
**0**

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



— Site Outline  
Search buffers in metres (m)

- Confidential
- 0 - 10m
- 10 - 30m
- 30m+
- Unknown

### 16.1 BGS Boreholes

#### Records within 250m

31

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.

Features are displayed on the Boreholes map on [page 91](#) >

ID	Location	Grid reference	Name	Length	Confidential	Web link
A	13m NE	525675 184712	Blackburn Road BH1	-	Y	N/A
A	14m NE	525659 184711	Blackburn Road WS4	-	Y	N/A
A	18m NE	525687 184718	Blackburn Road TP14	-	Y	N/A



ID	Location	Grid reference	Name	Length	Confidential	Web link
A	19m NE	525662 184717	Blackburn Road TP13	-	Y	N/A
A	23m NE	525648 184719	Blackburn Road TP6	-	Y	N/A
A	24m NE	525673 184723	Blackburn Road WS8	-	Y	N/A
A	29m NE	525670 184728	Blackburn Road TP5A	-	Y	N/A
A	31m NE	525646 184726	Blackburn Road TP5	-	Y	N/A
A	31m NE	525683 184731	Blackburn Road TP11	-	Y	N/A
A	31m NE	525663 184729	Blackburn Road TP12	-	Y	N/A
A	33m NE	525649 184729	Blackburn Road TP9	-	Y	N/A
A	37m NE	525668 184736	Blackburn Road TP10	-	Y	N/A
A	40m NE	525682 184740	Blackburn Road WS5	-	Y	N/A
A	40m N	525643 184735	Blackburn Road TP3	-	Y	N/A
A	44m N	525627 184735	Blackburn Road TP2	-	Y	N/A
A	46m N	525623 184737	Blackburn Road WS2	-	Y	N/A
A	53m N	525621 184743	Blackburn Road TP1	-	Y	N/A
A	56m N	525631 184749	Blackburn Road BH2	-	Y	N/A
A	59m N	525621 184749	Blackburn Road WS1	-	Y	N/A
A	61m N	525654 184758	Blackburn Road WS3	-	Y	N/A
A	64m N	525644 184760	Blackburn Road WS7	-	Y	N/A
A	73m N	525624 184764	Blackburn Road TP4A	-	Y	N/A
A	73m N	525647 184769	Blackburn Road TP4	-	Y	N/A
B	79m NE	525680 184779	Blackburn Road WS6	-	Y	N/A
B	87m NE	525678 184787	Blackburn Road BH3	-	Y	N/A
1	121m E	525790 184620	BROADHURST GARDENS BH1	3.89	N	<a href="#">592067 ↗</a>
C	131m W	525420 184700	WEST HAMPSTEAD STATION WS2	-	Y	N/A
C	131m W	525420 184700	WEST HAMPSTEAD STATION WS1	-	Y	N/A
C	133m W	525420 184710	WEST HAMPSTEAD STATION WS3	-	Y	N/A
2	144m E	525820 184630	BROADHURST GARDENS BH2	3.81	N	<a href="#">592068 ↗</a>
3	238m NE	525840 184879	ELECTRIC LIGHT STATION HAMPSTEAD	177.09	N	<a href="#">591530 ↗</a>

*This data is sourced from the British Geological Survey.*



## 17 Natural ground subsidence - Shrink swell clays



- Site Outline
- Search buffers in metres (m)
- ☐ No data
  - ☐ Negligible
  - ☐ Very low
  - ☐ Low
  - ☐ Moderate
  - ☐ High

### 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



- Site Outline**
- Search buffers in metres (m)**
- ☐ No data
  - ☐ Negligible
  - ☒ Very low
  - ☐ Low
  - ☐ Moderate
  - ☐ High

### 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 >](#)

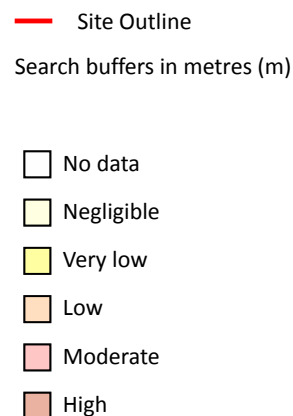
Location	Hazard rating	Details
On site	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.

*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.

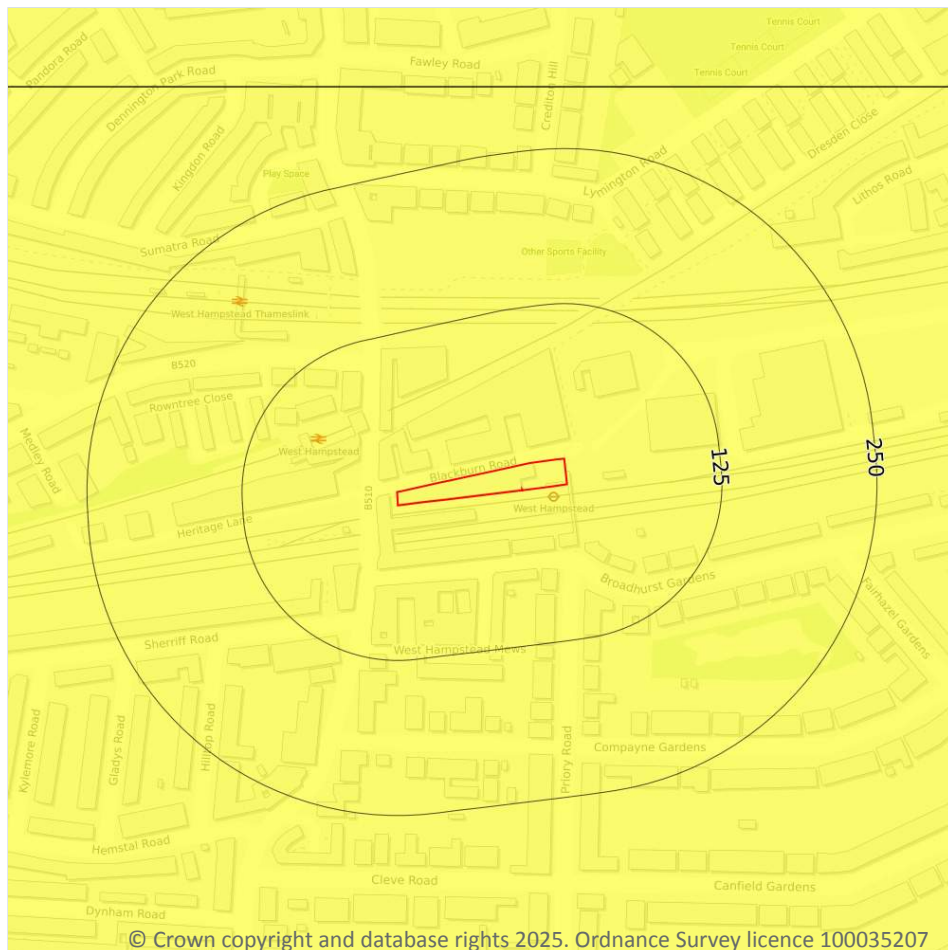
Features are displayed on the Natural ground subsidence - Compressible deposits map on [page 95 >](#)

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



- Site Outline
- Search buffers in metres (m)
- ☐ No data
  - ☐ Negligible
  - ☒ Very low
  - ☐ Low
  - ☐ Moderate
  - ☐ High

### 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.

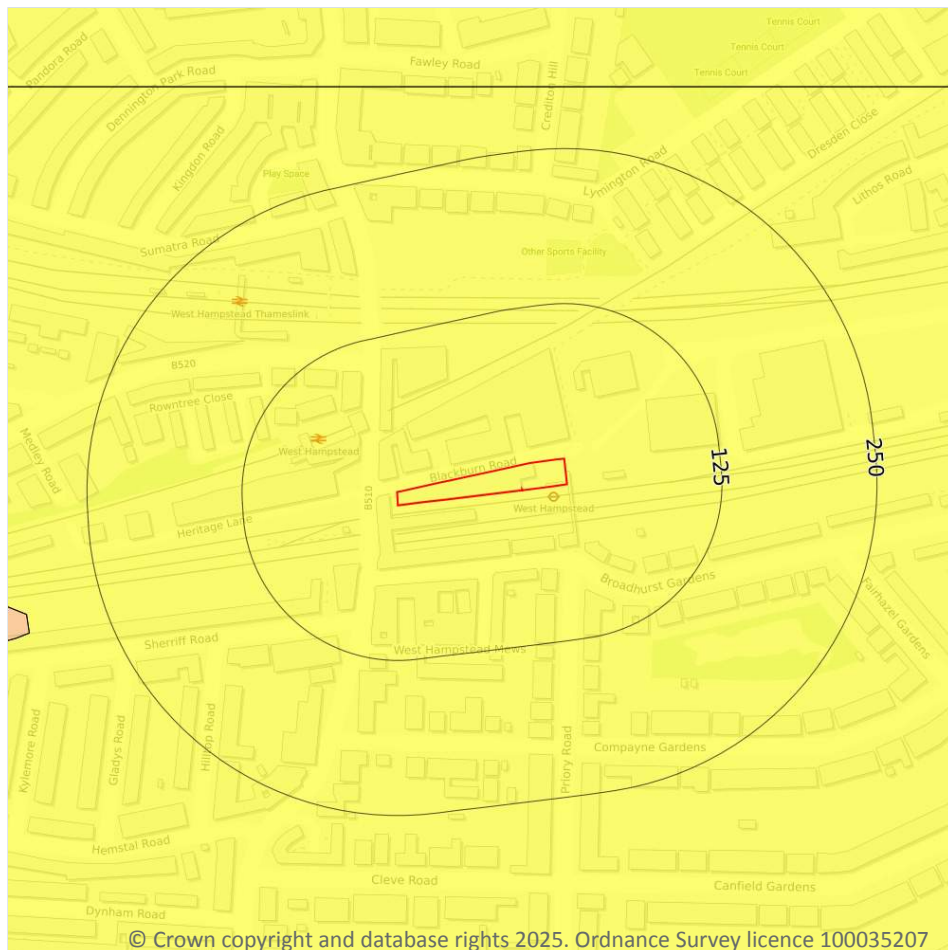
Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 96](#) >

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



- Site Outline
- Search buffers in metres (m)
- ☐ No data
  - ☐ Negligible
  - ☒ Very low
  - ☐ Low
  - ☐ Moderate
  - ☐ High

### 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



- Site Outline
- Search buffers in metres (m)
- ☐ No data
  - ☐ Negligible
  - ☐ Very low
  - ☐ Low
  - ☐ Moderate
  - ☐ High

### 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.

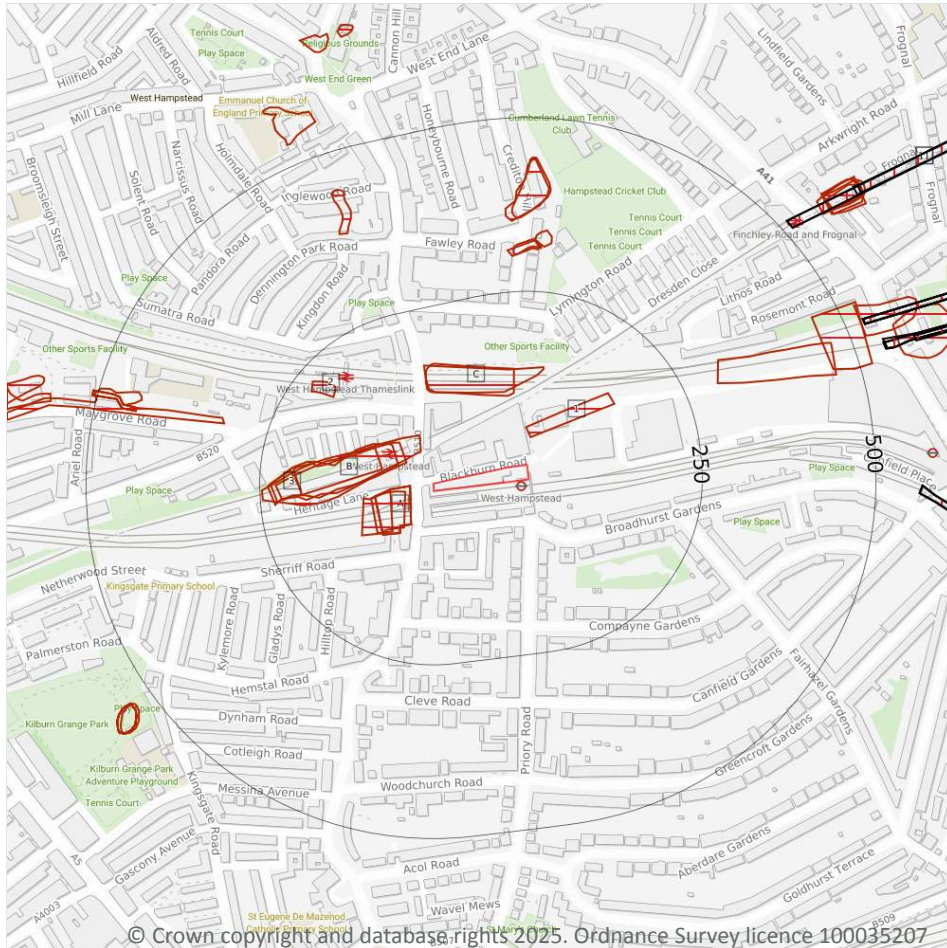


*This data is sourced from the British Geological Survey.*





## 18 Mining and ground workings



- Site Outline
- Search buffers in metres (m)
- BritPits
- ▤ Surface ground workings
- ▥ Underground workings
- ▦ Underground mining extents
- ▧ Historical mineral planning areas
- ▨ TCA non-coal mining
- 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 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.*



## 18.2 Surface ground workings

### Records within 250m

**14**

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 and ground workings map on [page 100](#) >

ID	Location	Land Use	Year of mapping	Mapping scale
A	34m W	Cuttings	1973	1:10000
A	34m W	Cuttings	1968	1:10560
A	34m W	Cuttings	1989	1:10000
1	40m NE	Cuttings	1874	1:10560
A	41m W	Cuttings	1951	1:10560
B	49m W	Cuttings	1894	1:10560
B	50m W	Cuttings	1874	1:10560
B	58m W	Cuttings	1951	1:10560
A	63m W	Cuttings	1957	1:10560
B	77m W	Cuttings	1957	1:10560
C	102m N	Cuttings	1874	1:10560
C	108m N	Cuttings	1894	1:10560
2	191m NW	Cuttings	1874	1:10560
3	191m W	Cuttings	1920	1:10560

*This data is sourced from Ordnance Survey/Groundsure.*

## 18.3 Underground workings

### Records within 1000m

**29**

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 and ground workings map on [page 100](#) >

ID	Location	Land Use	Year of mapping	Mapping scale
G	512m NE	Tunnel	1974	1:10000



ID	Location	Land Use	Year of mapping	Mapping scale
G	512m NE	Tunnel	1995	1:10000
H	527m NE	Tunnels	1968	1:10560
H	527m NE	Tunnels	1957	1:10560
H	527m E	Tunnels	1973	1:10000
H	527m E	Tunnels	1989	1:10000
J	542m E	Tunnels	1973	1:10000
J	542m E	Tunnels	1968	1:10560
J	542m E	Tunnels	1989	1:10000
J	543m E	Tunnels	1957	1:10560
L	563m E	Tunnel	1973	1:10000
L	563m E	Tunnel	1968	1:10560
L	563m E	Tunnel	1957	1:10560
10	587m E	Tunnel	1874	1:10560
11	614m NE	Tunnel	1958	1:10560
12	620m NE	Tunnel	1965	1:10560
-	811m E	Air Shaft	1951	1:10560
-	817m E	Air Shaft	1957	1:10560
-	829m E	Air Shaft	1951	1:10560
-	830m E	Air Shaft	1920	1:10560
-	830m E	Air Shaft	1973	1:10000
-	830m E	Air Shaft	1989	1:10000
-	843m E	Tunnel	1965	1:10560
-	843m E	Tunnel	1974	1:10000
-	843m E	Tunnel	1995	1:10000
-	843m E	Tunnel	1958	1:10560
-	919m SE	Air Shaft	1951	1:10560
-	922m SE	Air Shaft	1920	1:10560
-	923m SE	Air Shaft	1957	1:10560

*This is data is sourced from Ordnance Survey/Groundsure.*



## 18.4 Underground mining extents

Records within 500m

0

This data identifies underground mine workings that could present a potential risk, including adits and seam workings. These features have been identified from BGS Geological mapping and mine plans sourced from the BGS and various collections and sources.

*This data is sourced from 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 JPB mining areas

Records on site

0

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

*This data is sourced from Johnson Poole and Bloomer.*

## 18.8 The Coal Authority non-coal mining

Records within 500m

0

This data provides an indication of the potential zone of influence of recorded underground non-coal mining workings. Any and all analysis and interpretation of Coal Authority Data in this report is made by Groundsure, and is in no way supported, endorsed or authorised by the Coal Authority. The use of the data is restricted to the terms and provisions contained in this report. Data reproduced in this report may be the copyright of the



Coal Authority and permission should be sought from Groundsure prior to any re-use.

*This data is sourced from The Coal Authority.*

## 18.9 Researched mining

**Records within 500m**

**1**

This data indicates areas of potential mining identified from alternative or archival sources, including; BGS Geological paper maps, Lidar data, aerial photographs (from World War II onwards), archaeological data services, websites, Tithe maps, and various text/plans from collected books and reports. Some of this data is approximate and Groundsure have interpreted the resultant risk area and, where possible, specific areas of risk have been captured.

Location	Mineral type
485m E	Stone

*This data is sourced from Groundsure.*

## 18.10 Mining record office plans

**Records within 500m**

**0**

This dataset is representative of Mining Record Office and/or plan extents held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

*This data is sourced from Groundsure.*

## 18.11 BGS mine plans

**Records within 500m**

**0**

This dataset is representative of BGS mine plans held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

*This data is sourced from Groundsure.*

## 18.12 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.*



### 18.13 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.*

### 18.14 Gypsum areas

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

Generalised areas that may be affected by gypsum extraction.

*This data is sourced from British Gypsum.*

### 18.15 Tin mining

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

Generalised areas that may be affected by historical tin mining.

*This data is sourced from Groundsure.*

### 18.16 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 Ground cavities and sinkholes

### 19.1 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 Stantec UK Ltd.*

### 19.2 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 Stantec UK Ltd.*

### 19.3 Reported recent incidents

Records within 500m

0

This data identifies sinkhole information gathered from media reports and Groundsure's own records. This data goes back to 2014 and includes relative accuracy ratings for each event and links to the original data sources. The data is updated on a regular basis and should not be considered a comprehensive catalogue of all sinkhole events. The absence of data in this database does not mean a sinkhole definitely has not occurred during this time.

*This data is sourced from Groundsure.*

### 19.4 Historical incidents

Records within 500m

0

This dataset comprises an extract of 1:10,560, 1:10,000, 1:2,500 and 1:1,250 scale historical Ordnance Survey maps held by Groundsure, dating back to the 1840s. It shows shakeholes, deneholes and other 'holes' as noted on these maps. Dene holes are medieval chalk extraction pits, usually comprising a narrow shaft with a number of chambers at the base of the shaft. Shakeholes are an alternative name for suffusion sinkholes, most commonly found in the limestone landscapes of North Yorkshire but also extensively noted around the Brecon Beacons National Park.

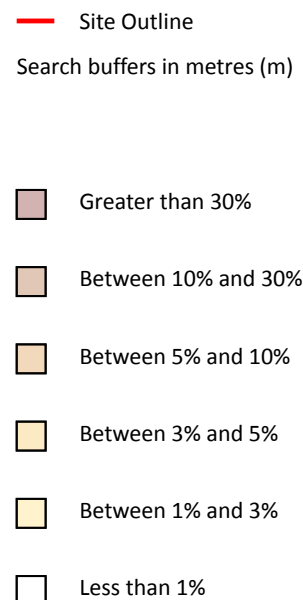
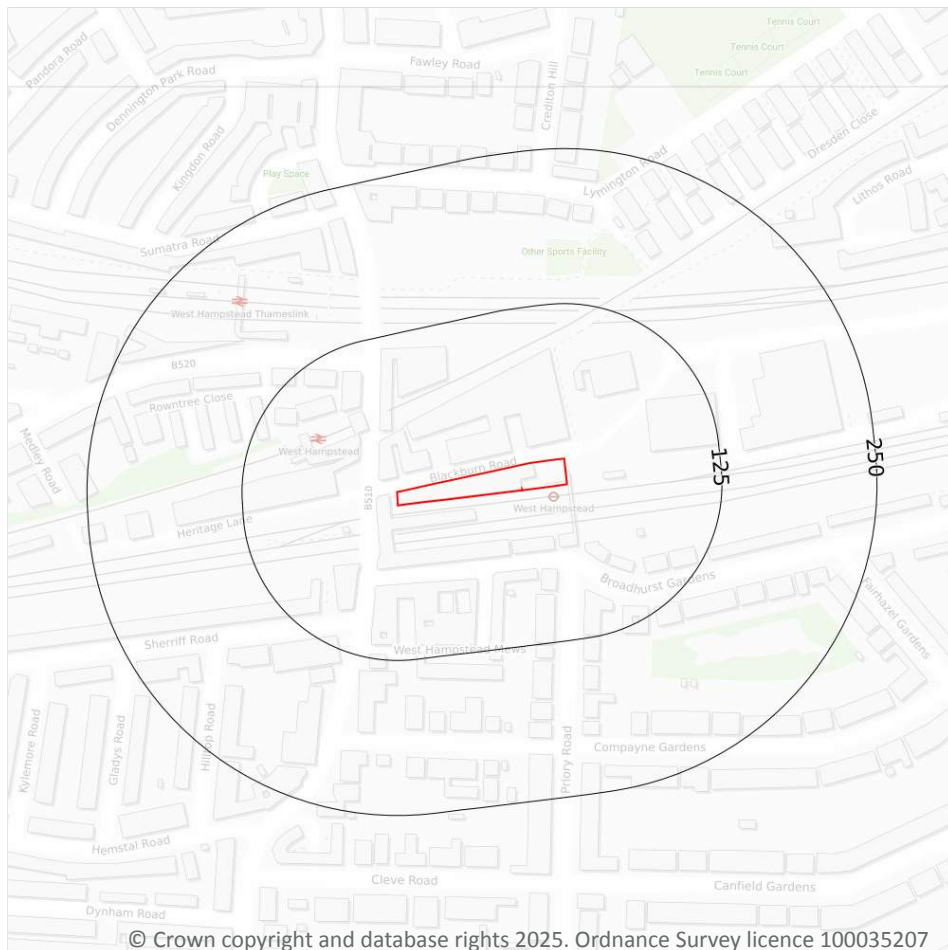
Not all 'holes' noted on Ordnance Survey mapping will necessarily be present within this dataset.



*This data is sourced from Groundsure.*



## 20 Radon



### 20.1 Radon

#### Records on site

1

The Radon Potential data classifies areas based on their likelihood of a property having a radon level at or above the Action Level in Great Britain. The dataset is intended for use at 1:50,000 scale and was derived from both geological assessments and indoor radon measurements (more than 560,000 records). A minimum 50m buffer should be considered when searching the maps, as the smallest detectable feature at this scale is 50m. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain (1:100,000 scale).

Features are displayed on the Radon map on [page 108 >](#)

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



*This data is sourced from the British Geological Survey and UK Health Security Agency.*





## 21 Soil chemistry

### 21.1 BGS Estimated Background Soil Chemistry

Records within 50m

2

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 km<sup>2</sup>. 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 km<sup>2</sup>; 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
<b>On site</b>	<b>No data</b>	<b>No data</b>	<b>No data</b>	<b>No data</b>	<b>No data</b>	<b>No data</b>	<b>No data</b>
48m W	No data	No data	No data	No data	No data	No data	No data

*This data is sourced from the British Geological Survey.*

### 21.2 BGS Estimated Urban Soil Chemistry

Records within 50m

7

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 km<sup>2</sup>).

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)
<b>On site</b>	<b>22</b>	<b>3.8</b>	<b>1117</b>	<b>767</b>	<b>1.3</b>	<b>90</b>	<b>119</b>	<b>40</b>	<b>47</b>
<b>On site</b>	<b>22</b>	<b>3.8</b>	<b>1570</b>	<b>1079</b>	<b>2</b>	<b>88</b>	<b>147</b>	<b>45</b>	<b>59</b>
<b>On site</b>	<b>22</b>	<b>3.8</b>	<b>1533</b>	<b>1053</b>	<b>2</b>	<b>88</b>	<b>147</b>	<b>45</b>	<b>60</b>
15m NW	22	3.8	906	622	1.3	90	113	39	39
15m E	21	3.7	1581	1086	1.9	88	145	45	59
17m E	22	3.8	1548	1063	2	88	146	45	60
48m W	23	4	723	497	1	94	97	37	36



*This data is sourced from the British Geological Survey.*

## 21.3 BGS Measured Urban Soil Chemistry

Records within 50m

1

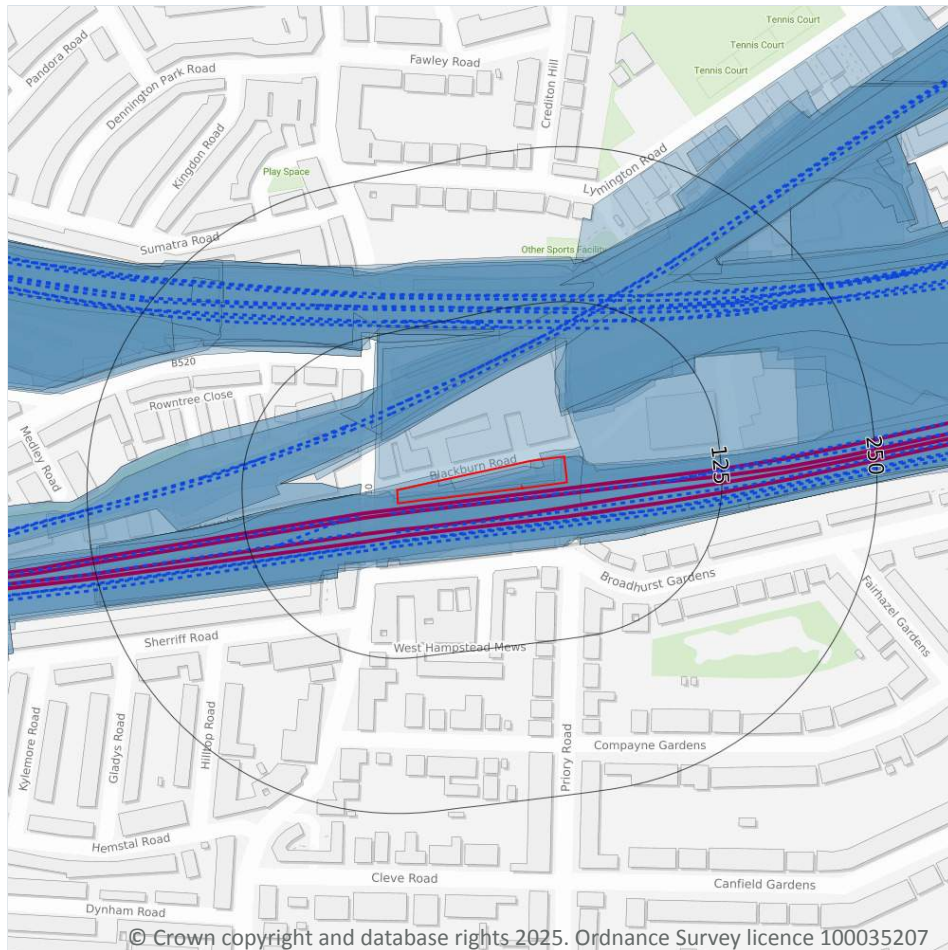
The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km<sup>2</sup>.

Location	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Tin (mg/kg)	Sample Type
8m E	21.7	2.2	87.6	157.9	47.0	1681.3	64.1	Topsoil

*This data is sourced from the British Geological Survey.*



## 22 Railway infrastructure and projects



- Site Outline
- Search buffers in metres (m)
- 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

### 22.1 Underground railways (London)

#### Records within 250m

2

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 112](#) >

Location	Line Name	Line Section	Track Type	Depth (m bgl)	Operational hours
10m S	Jubilee Line	Jubilee Line	Surface Track	0	Mon-Thu: Early 0500 Late 0111, Fri: Early 0523 then a 24h service until Sun, Sun: Late 0001
10m E	Metropolitan Line	Metropolitan Line	Surface Track	0	Mon-Sat: Early 0500 Late 0119, Sun: Early 0636 Late 0016



*This data is sourced from publicly available information by Groundsure.*

## 22.2 Underground railways (Non-London)

<b>Records within 250m</b>	<b>0</b>
----------------------------	----------

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.*

## 22.3 Railway tunnels

<b>Records within 250m</b>	<b>0</b>
----------------------------	----------

Railway tunnels taken from contemporary Ordnance Survey mapping.

*This data is sourced from the Ordnance Survey.*

## 22.4 Historical railway and tunnel features

<b>Records within 250m</b>	<b>56</b>
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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 112 >](#)

Location	Land Use	Year of mapping	Mapping scale
On site	Railway Sidings	1955	2500
On site	Railway Sidings	1953	1250
On site	Railway Sidings	1915	2500
On site	Railway Sidings	1935	2500
On site	Railway	1935	-
On site	Railway	1918	-
On site	Railway	1938	-
On site	Railway	1896	-
On site	Railway Sidings	1920	10560
On site	Railway Sidings	1973	10000
On site	Railway Sidings	1968	10560



Location	Land Use	Year of mapping	Mapping scale
<b>On site</b>	<b>Railway Sidings</b>	<b>1989</b>	<b>10000</b>
<b>On site</b>	<b>Railway Sidings</b>	<b>1957</b>	<b>10560</b>
<b>On site</b>	<b>Railway Sidings</b>	<b>1951</b>	<b>10560</b>
3m E	Railway	1894	-
11m E	Railway Sidings	1894	10560
13m E	Railway Sidings	1896	2500
34m W	Railway Sidings	1915	2500
34m W	Railway Sidings	1935	2500
36m NE	Railway Sidings	1874	10560
38m NE	Railway Sidings	1953	1250
38m NE	Railway Sidings	1974	1250
38m NE	Railway Sidings	1955	2500
39m NE	Railway Sidings	1871	2500
39m NE	Railway Sidings	1960	1250
50m W	Railway Sidings	1953	1250
50m W	Railway Sidings	1974	1250
66m NW	Railway Sidings	1896	2500
72m NW	Railway Sidings	1953	1250
72m NW	Railway Sidings	1960	1250
73m NW	Railway Sidings	1935	2500
76m NW	Railway Sidings	1915	2500
85m E	Railways	1930	-
86m E	Railways	1915	-
86m W	Railway Sidings	1985	1250
86m W	Railway Sidings	1991	1250
89m W	Railway Sidings	1955	2500
92m W	Railway Sidings	1994	1250
102m NE	Railway Sidings	1984	1250





Location	Land Use	Year of mapping	Mapping scale
102m NE	Railway Sidings	1991	1250
102m NE	Railway Sidings	1992	1250
102m NE	Railway Sidings	1994	1250
134m N	Railway Sidings	1953	1250
155m NE	Railway Sidings	1871	2500
188m E	Railways	1939	-
188m E	Railways	1896	-
188m NW	Railway Sidings	1894	10560
191m NW	Railway Sidings	1874	10560
194m E	Railways	1870	-
205m NW	Railway Sidings	1871	2500
206m NW	Railway Sidings	1957	10560
209m NW	Railway Sidings	1896	2500
212m W	Railway Sidings	1920	10560
218m NW	Railway Sidings	1955	2500
219m NW	Railway Sidings	1953	1250
250m NE	Railway Sidings	1896	2500

*This data is sourced from Ordnance Survey/Groundsure.*

## 22.5 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.*



## 22.6 Historical railways

### Records within 250m

**0**

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

*This data is sourced from OpenStreetMap.*

## 22.7 Railways

### Records within 250m

**73**

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 112 >](#)

Location	Name	Type
7m W	Not given	Multi Track
8m E	Not given	Multi Track
9m E	Not given	Multi Track
23m SE	Not given	Single Track
23m E	Not given	Single Track
30m SE	Not given	Multi Track
31m SW	Chiltern Main Line	rail
31m SW	Chiltern Main Line	rail
33m W	Not given	Multi Track
34m SW	Chiltern Main Line	rail
35m SW	Chiltern Main Line	rail
38m W	Not given	Single Track
44m W	Not given	Single Track
44m W	Not given	Multi Track
46m SW	Chiltern Main Line	rail
47m SW	Not given	Multi Track
49m SW	Chiltern Main Line	rail
59m NW	North London line	rail



Location	Name	Type
60m W	North London line	rail
61m NW	North London line	rail
62m NW	North London line	rail
63m W	North London line	rail
65m W	Not given	Multi Track
66m NW	Not given	Multi Track
66m NW	North London line	rail
66m W	Not given	Multi Track
69m NW	Not given	Multi Track
70m NW	Not given	Multi Track
79m N	Not given	Multi Track
83m E	Not given	Multi Track
83m E	Not given	Single Track
85m W	Not given	Multi Track
98m N	North London line	rail
100m NE	North London line	rail
102m W	Not given	Single Track
103m NE	Not given	Multi Track
104m NE		rail
109m N		rail
109m W	Not given	Multi Track
109m NE		rail
109m N	Not given	Multi Track
112m NE	Not given	Multi Track
116m NE	Midland Main Line	rail
119m N	Not given	Multi Track
119m NE	Not given	Multi Track
119m NE	Midland Main Line	rail



Location	Name	Type
125m NE	Not given	Multi Track
125m NE	Not given	Single Track
126m N		rail
129m N	Not given	Multi Track
130m N		rail
131m NW	Not given	Multi Track
131m NW		rail
134m N	Not given	Multi Track
139m NW	Not given	Multi Track
140m N	Not given	Multi Track
140m NE	Not given	Multi Track
148m NW	Midland Main Line	rail
149m NE		rail
149m NE	Midland Main Line	rail
151m NW	Not given	Multi Track
154m NW		rail
155m NW		rail
157m W	Not given	Multi Track
159m NW	Not given	Multi Track
160m NW	Not given	Multi Track
161m NE	Not given	Multi Track
163m NW	Up Fast	rail
177m NE	North London line	rail
178m NE	North London line	rail
208m NE	North London line	rail
234m NE		rail
241m W	Not given	Multi Track

*This data is sourced from Ordnance Survey and OpenStreetMap.*



## 22.8 Crossrail 2

Records within 500m

0

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

*This data is sourced from publicly available information by Groundsure.*

## 22.9 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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**Grid Ref:** 525616, 184681

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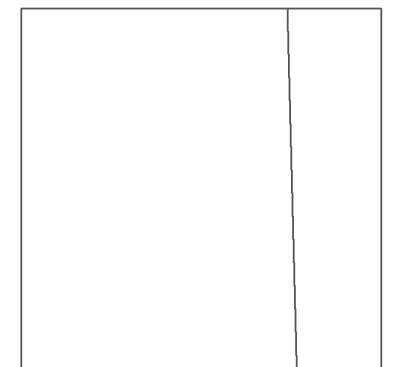
**Map date:** 1866

**Scale:** 1:1,056

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Edition N/A  
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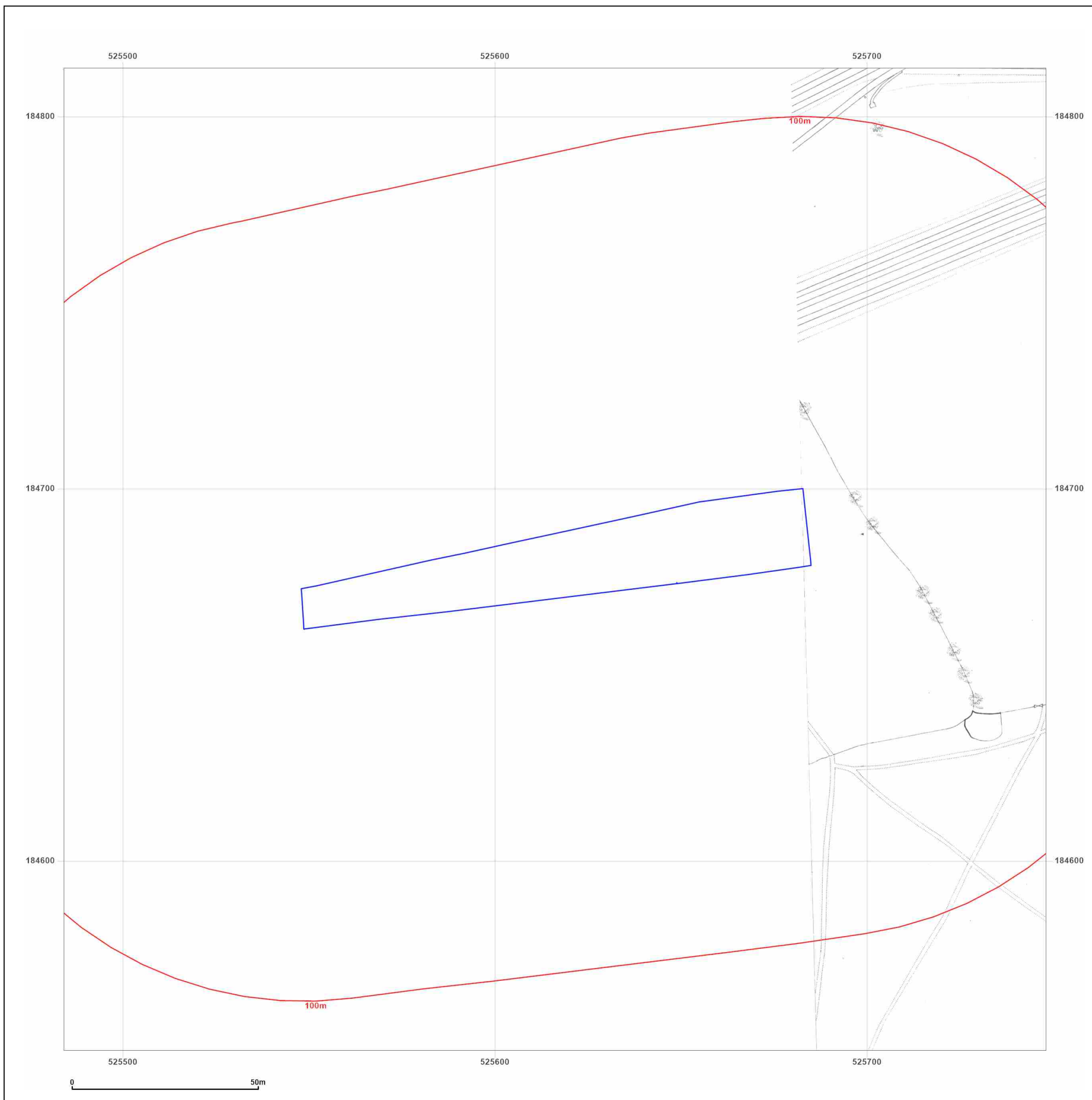


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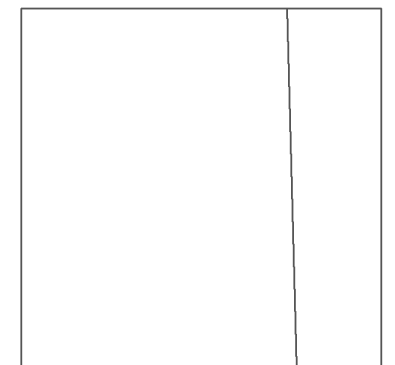
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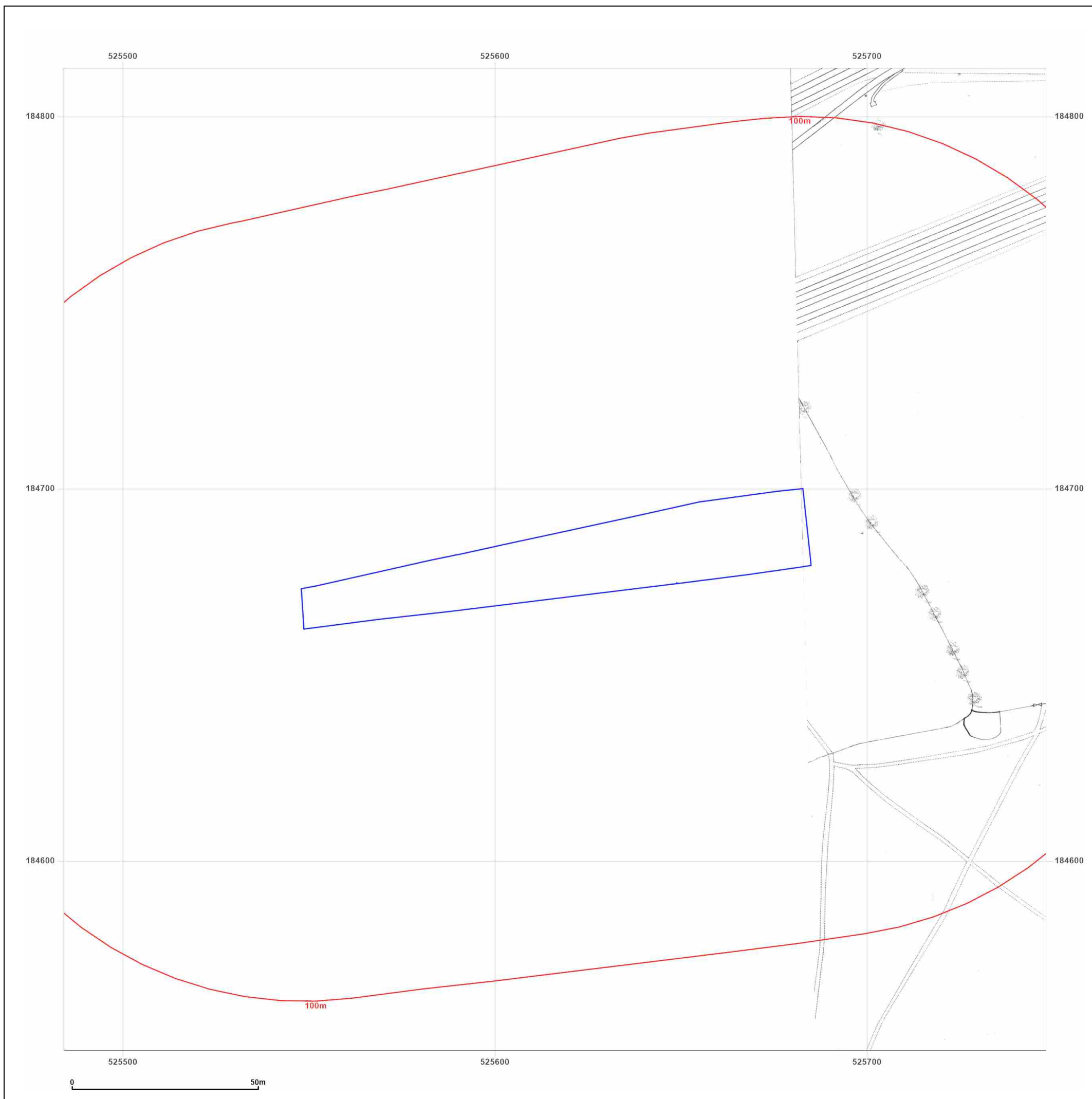


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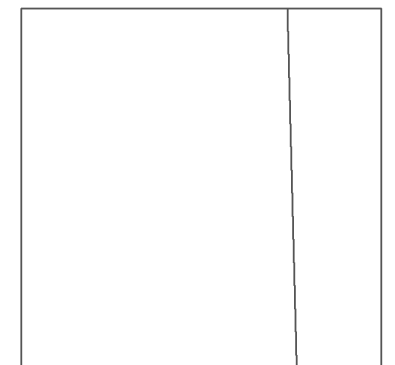
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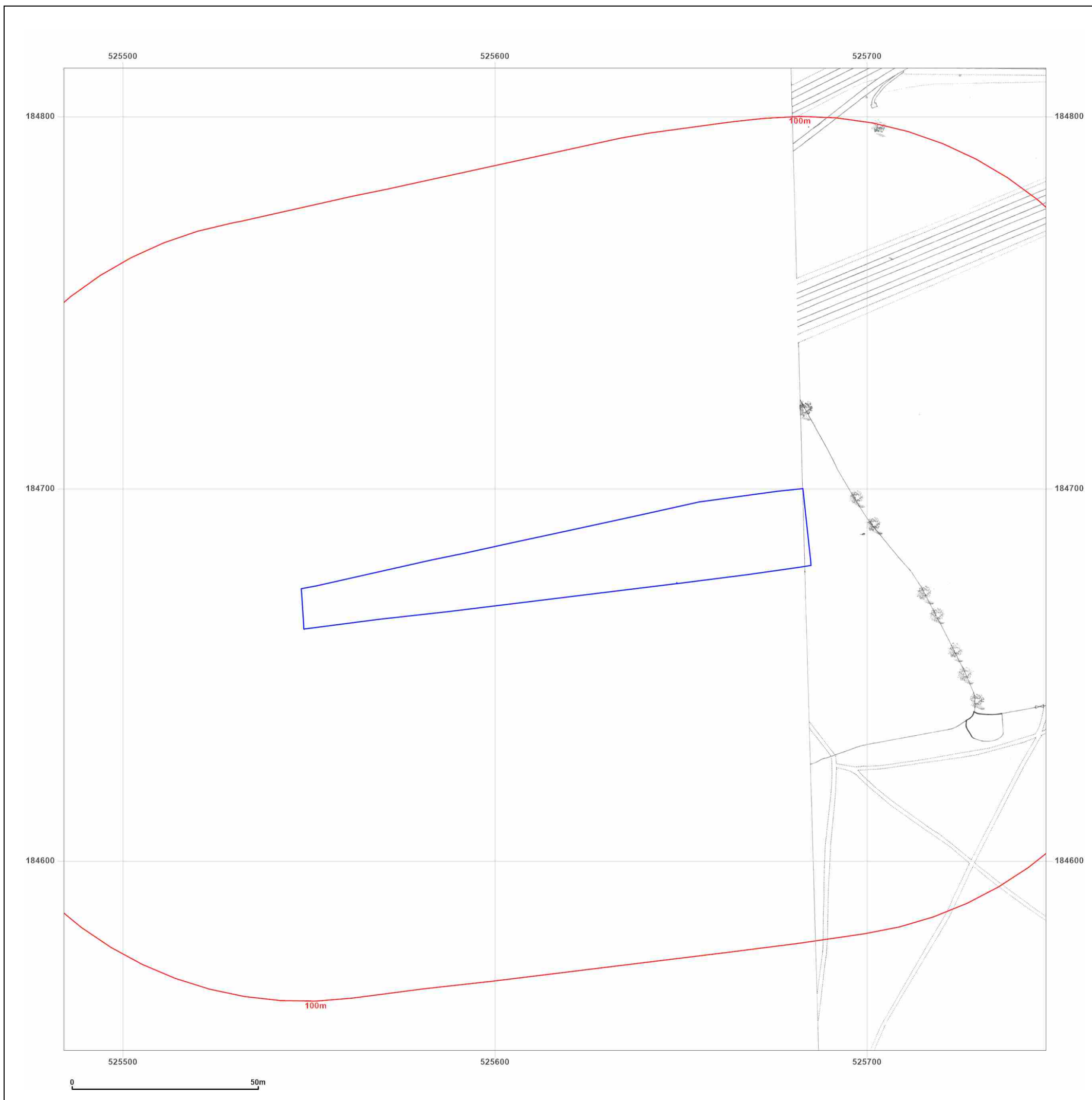


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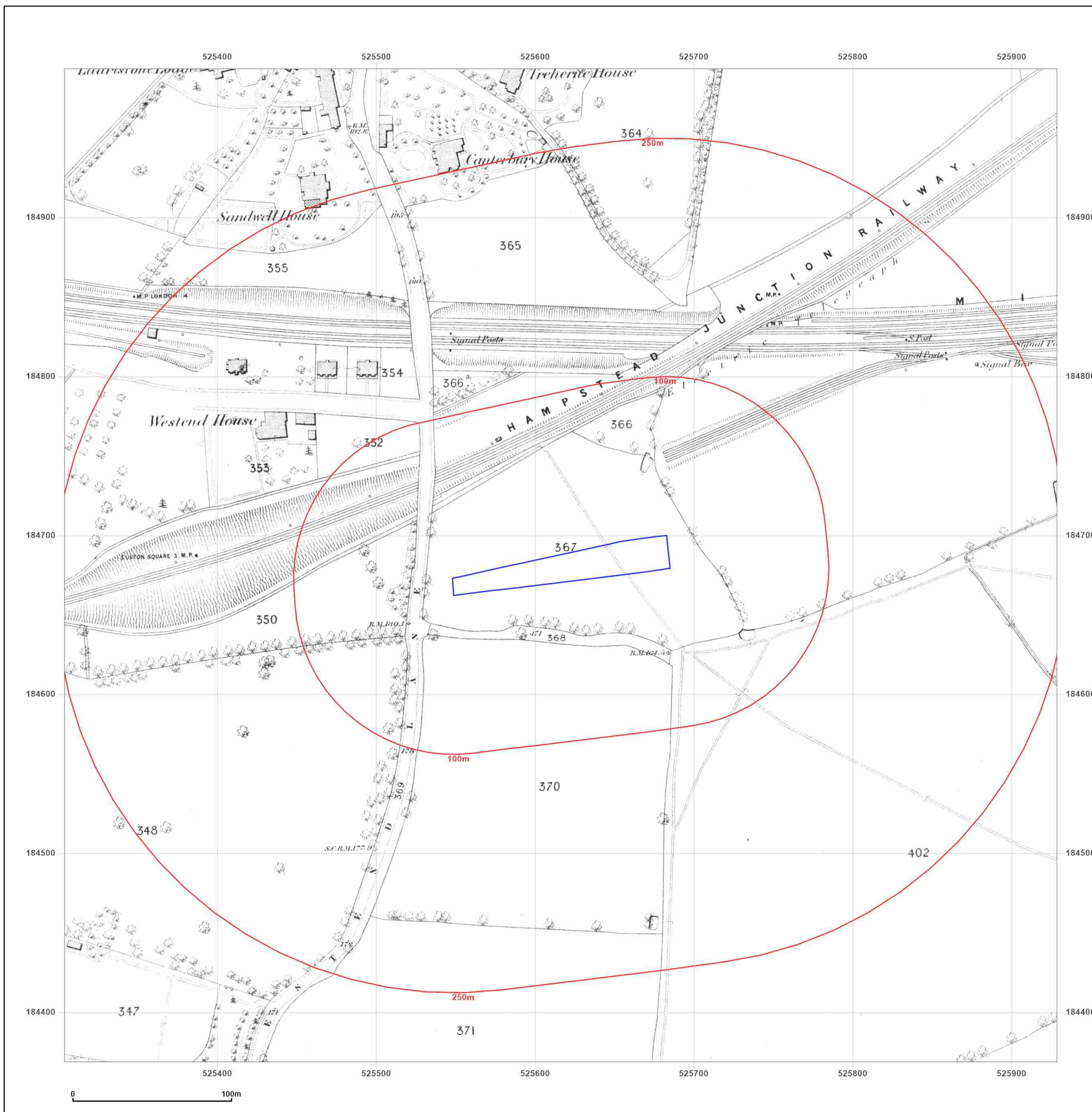


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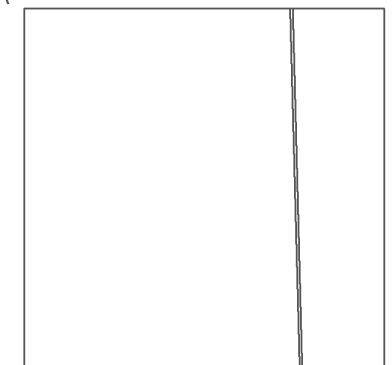
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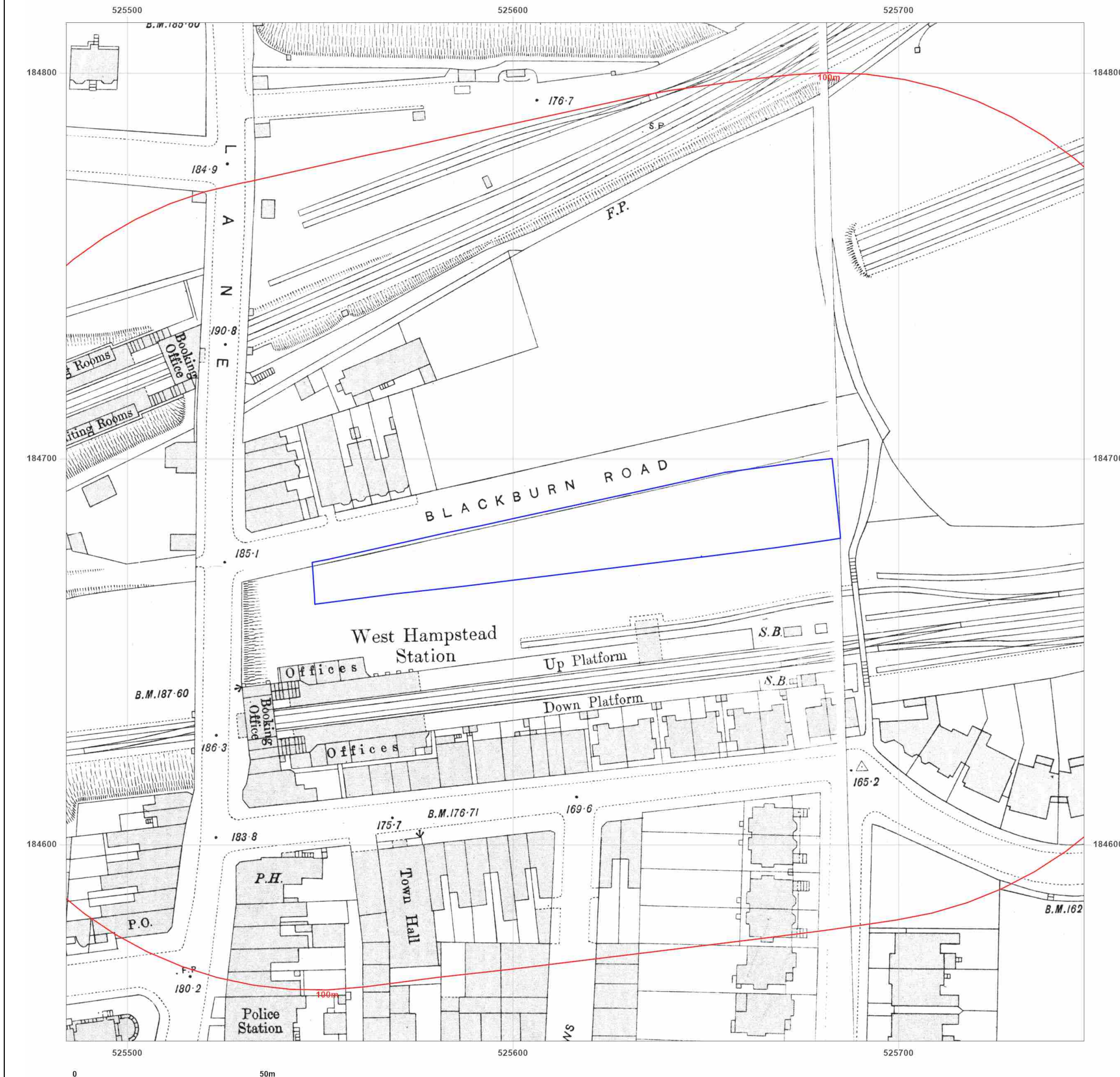


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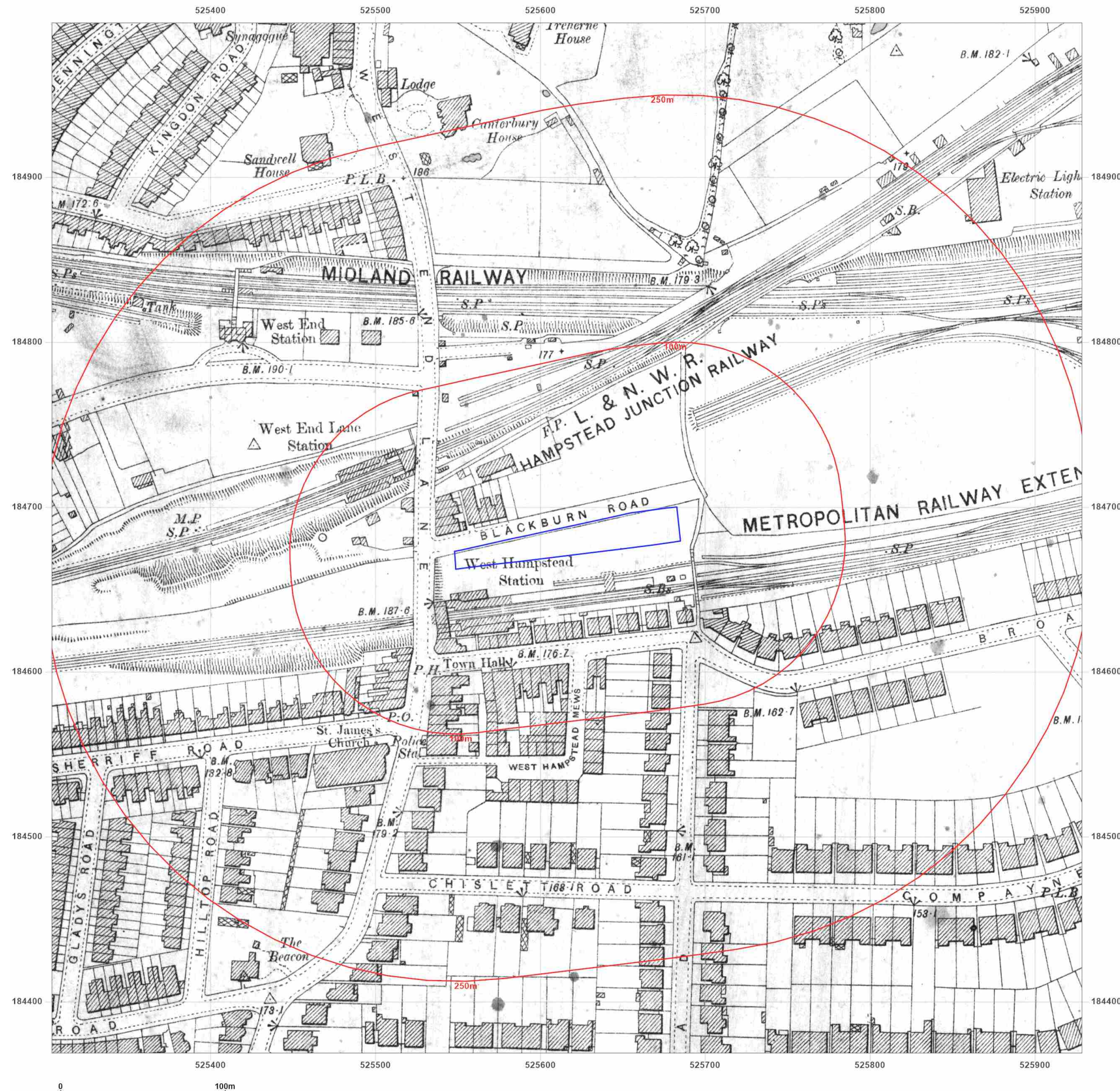


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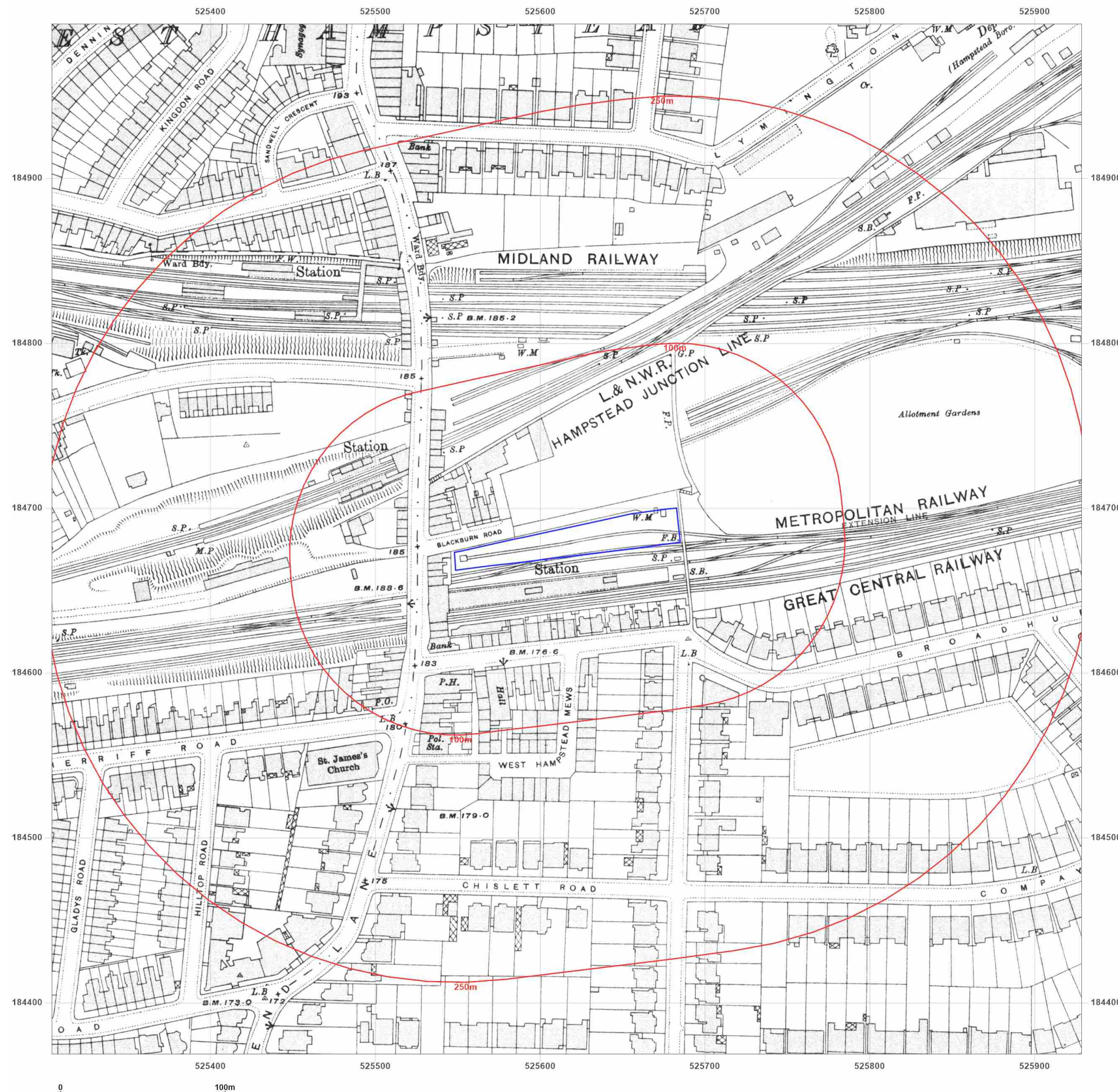


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**Map Name:** National Grid

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