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**Grid Ref:** 525486, 183839

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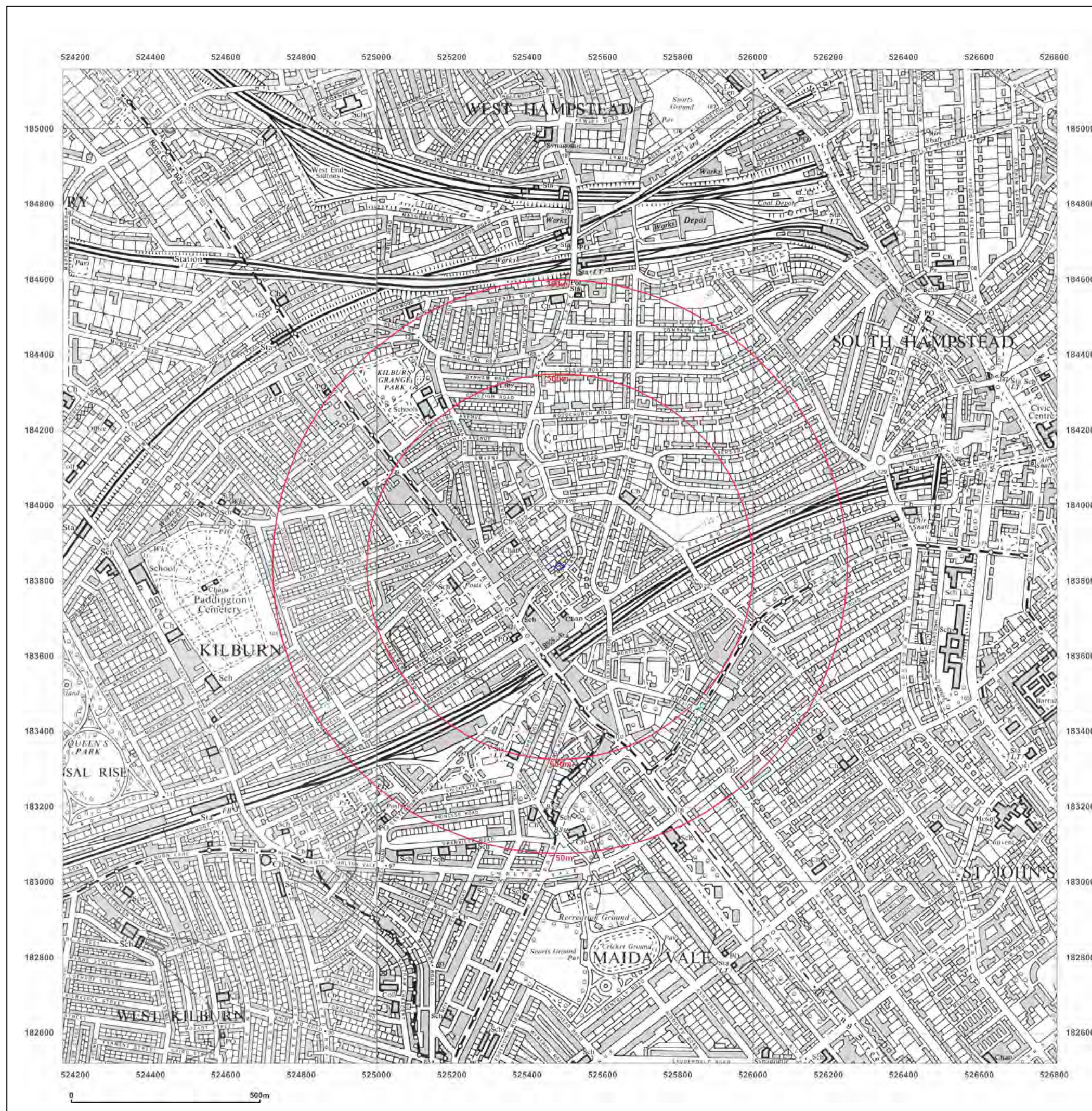


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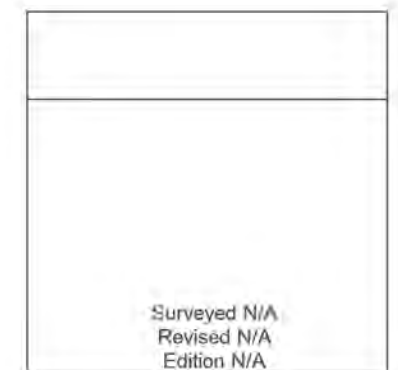
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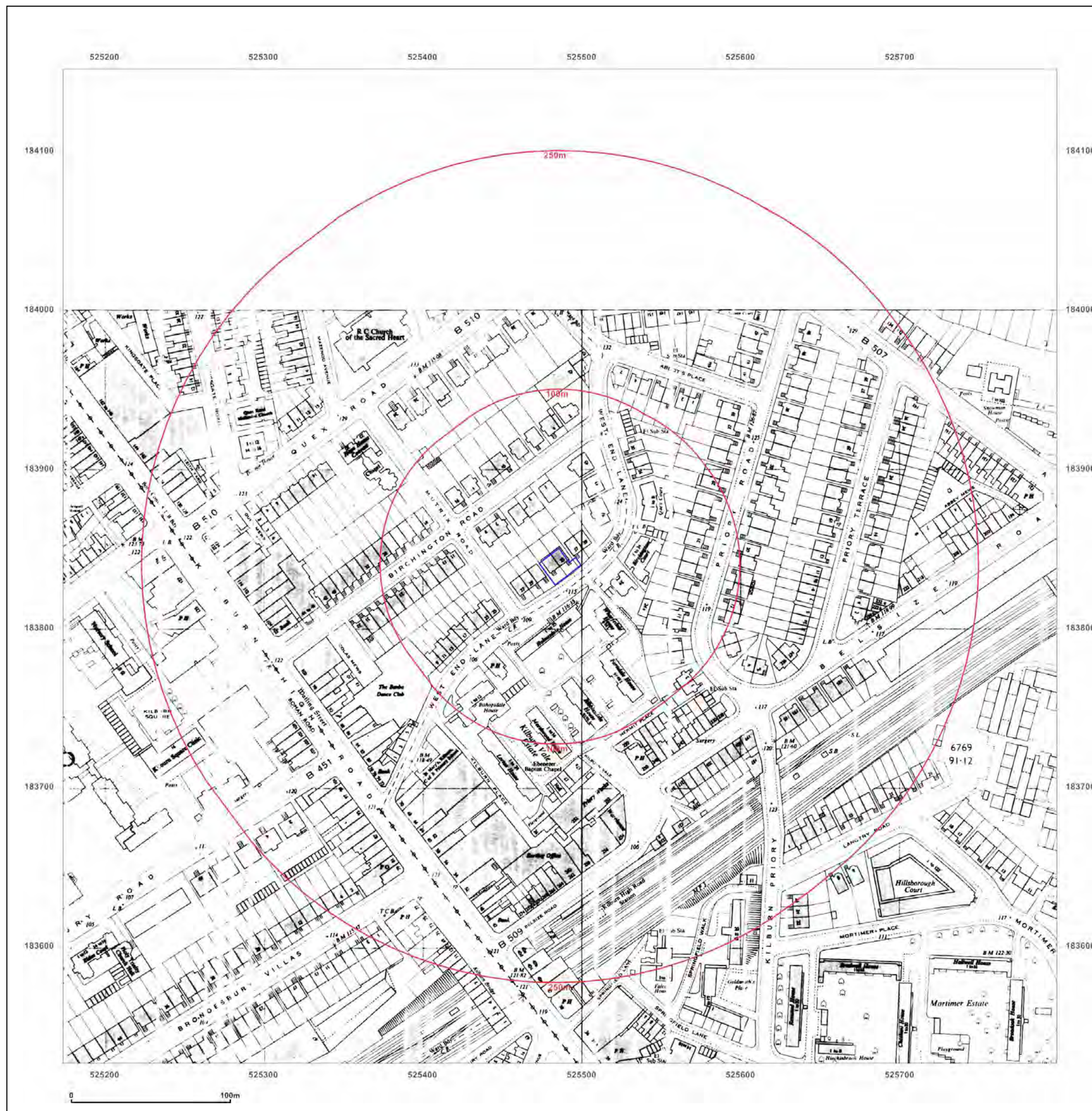


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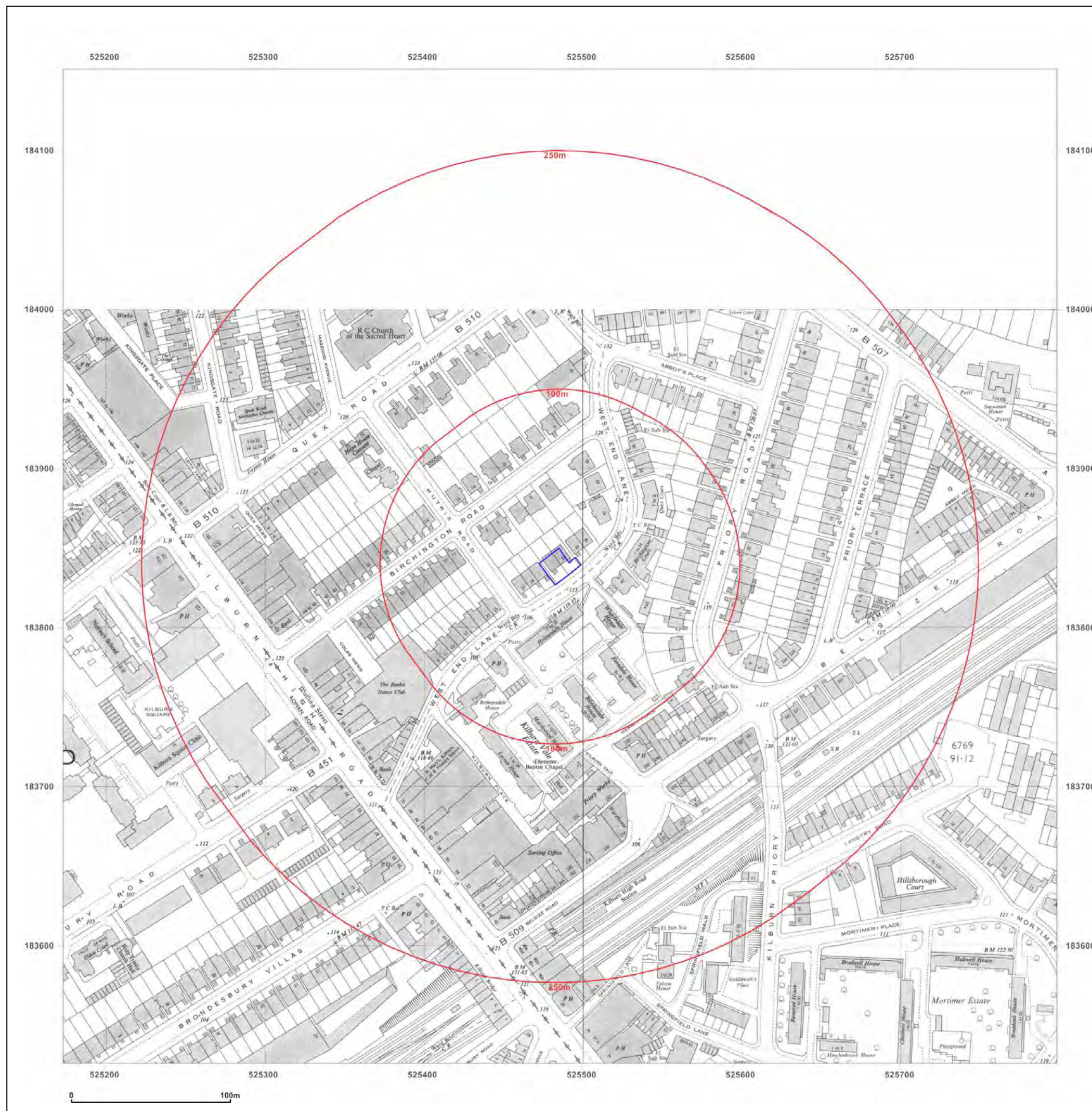


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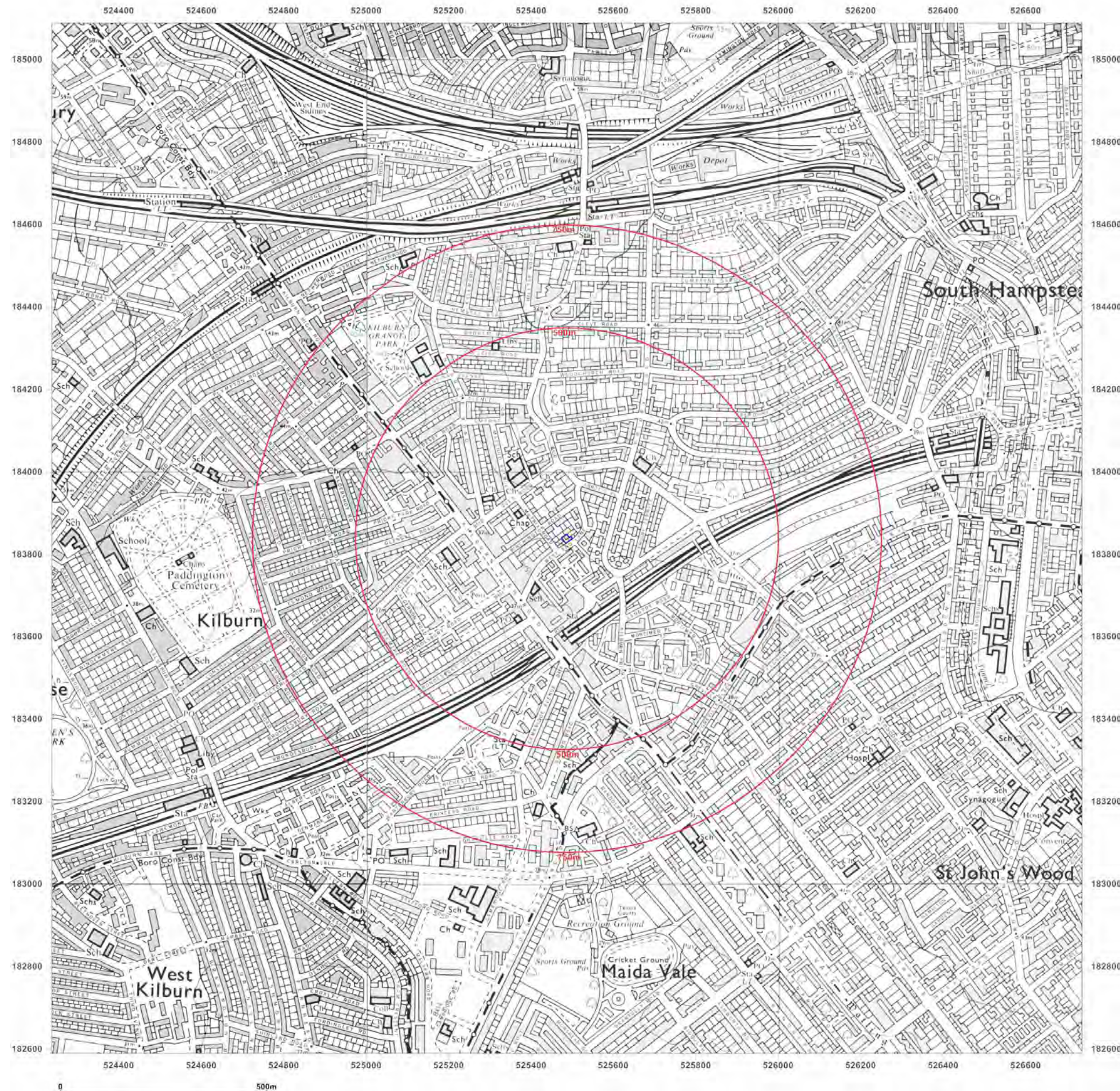


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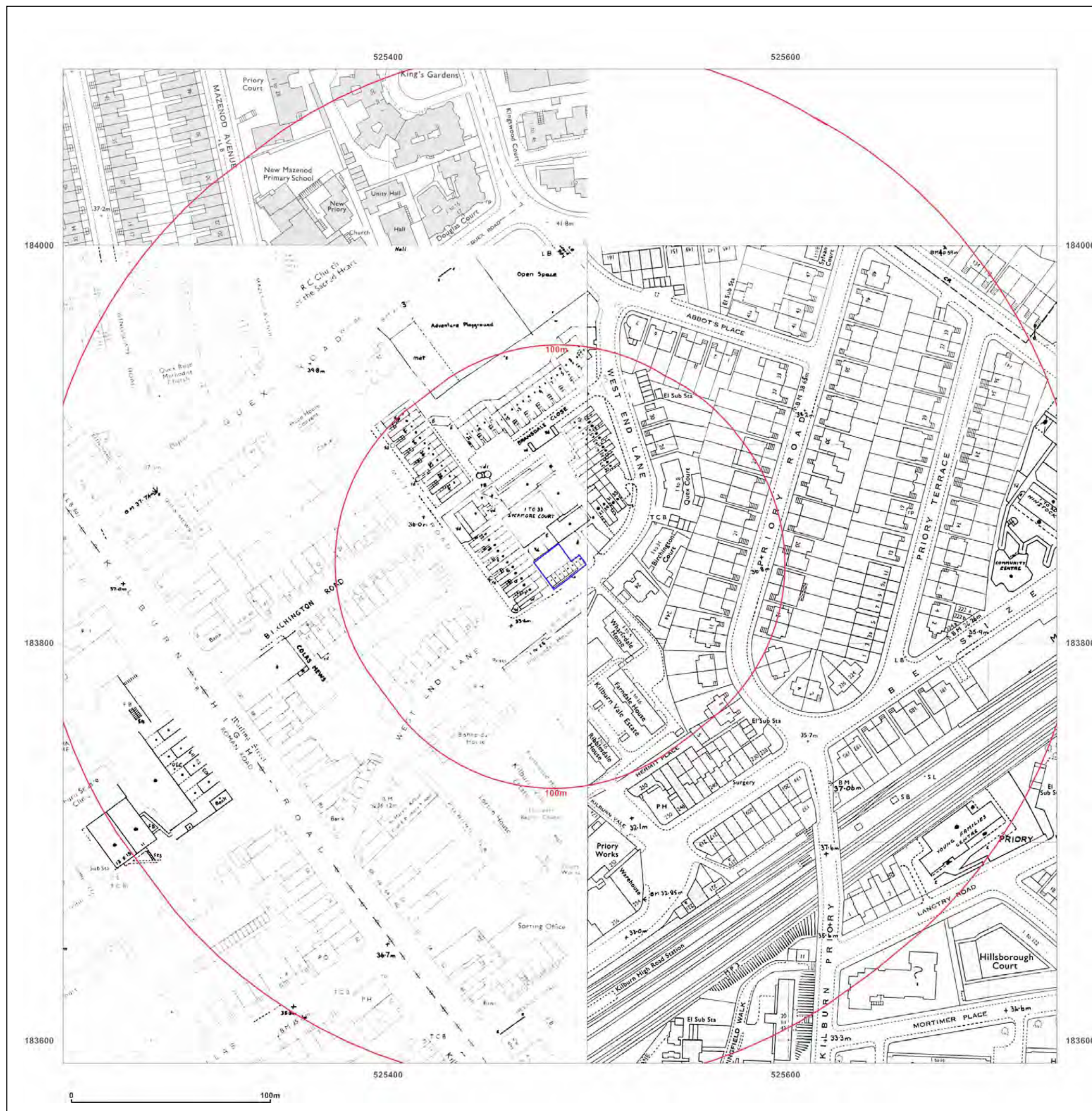


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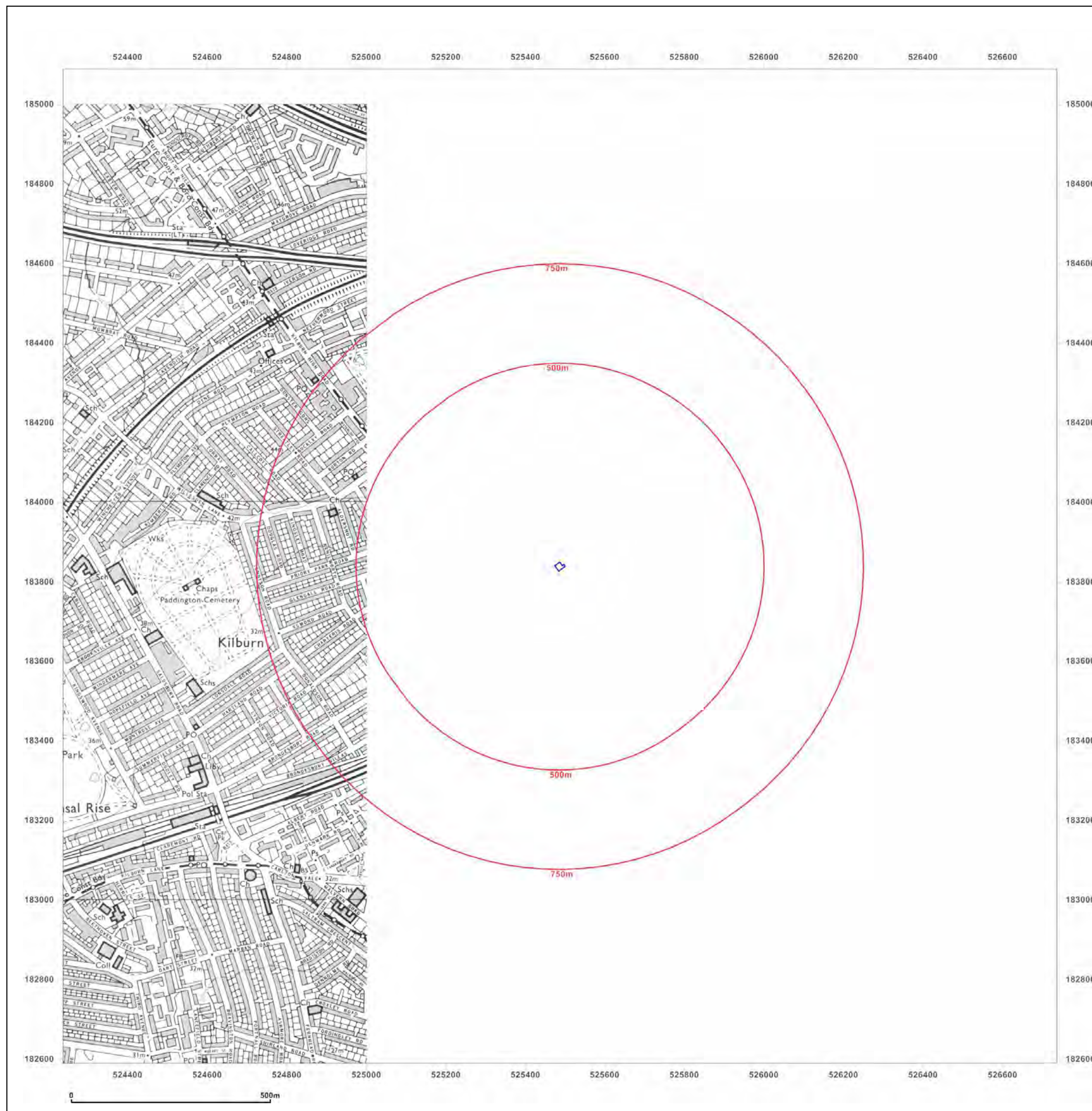


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**Map Name:** National Grid

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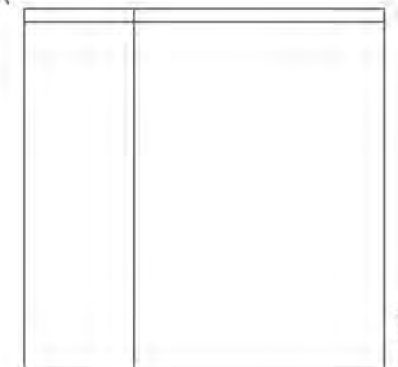
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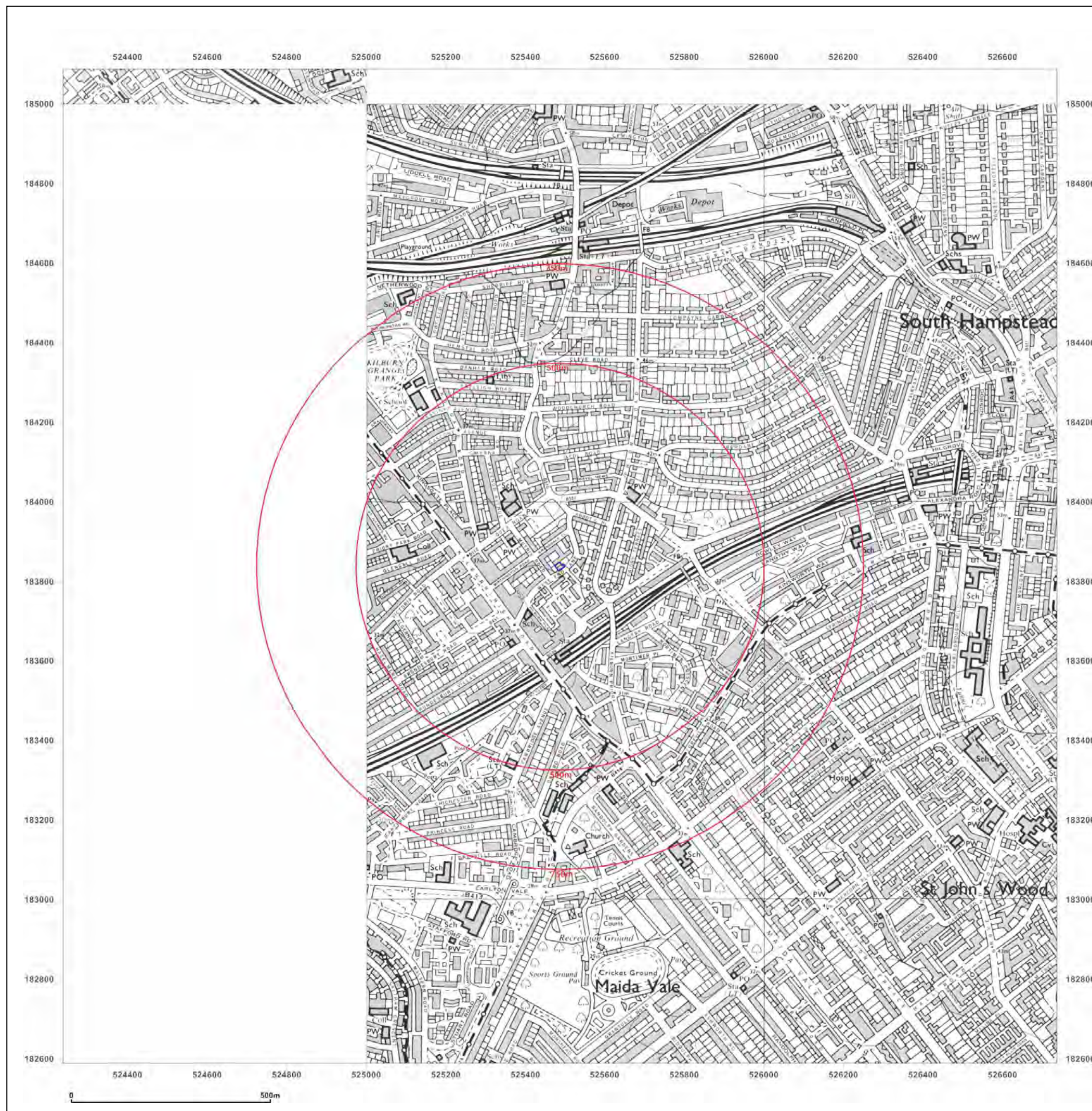


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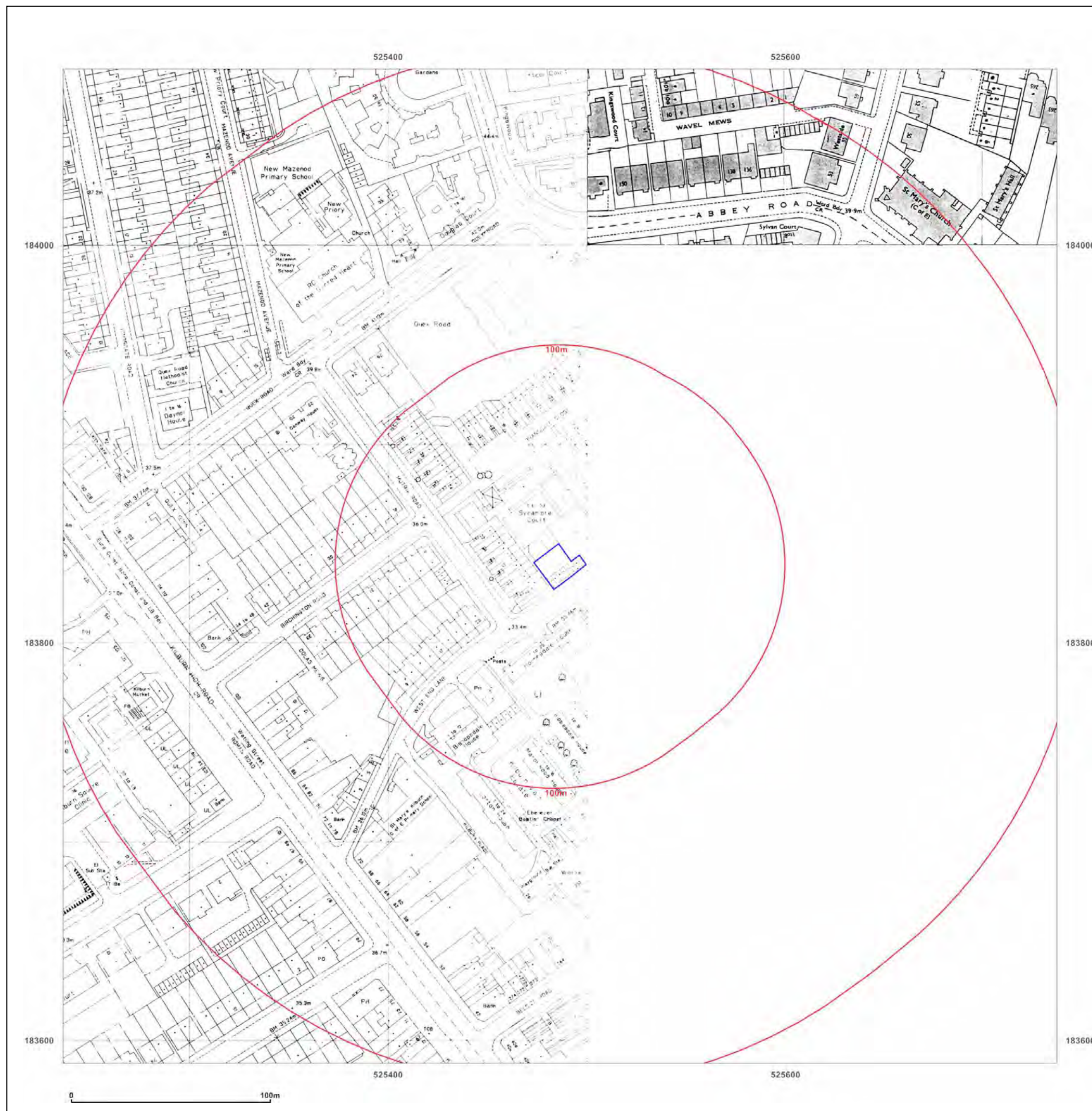


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**Map Name:** 1:10,000 Raster

**Map date:** 2002

**Scale:** 1:10,000

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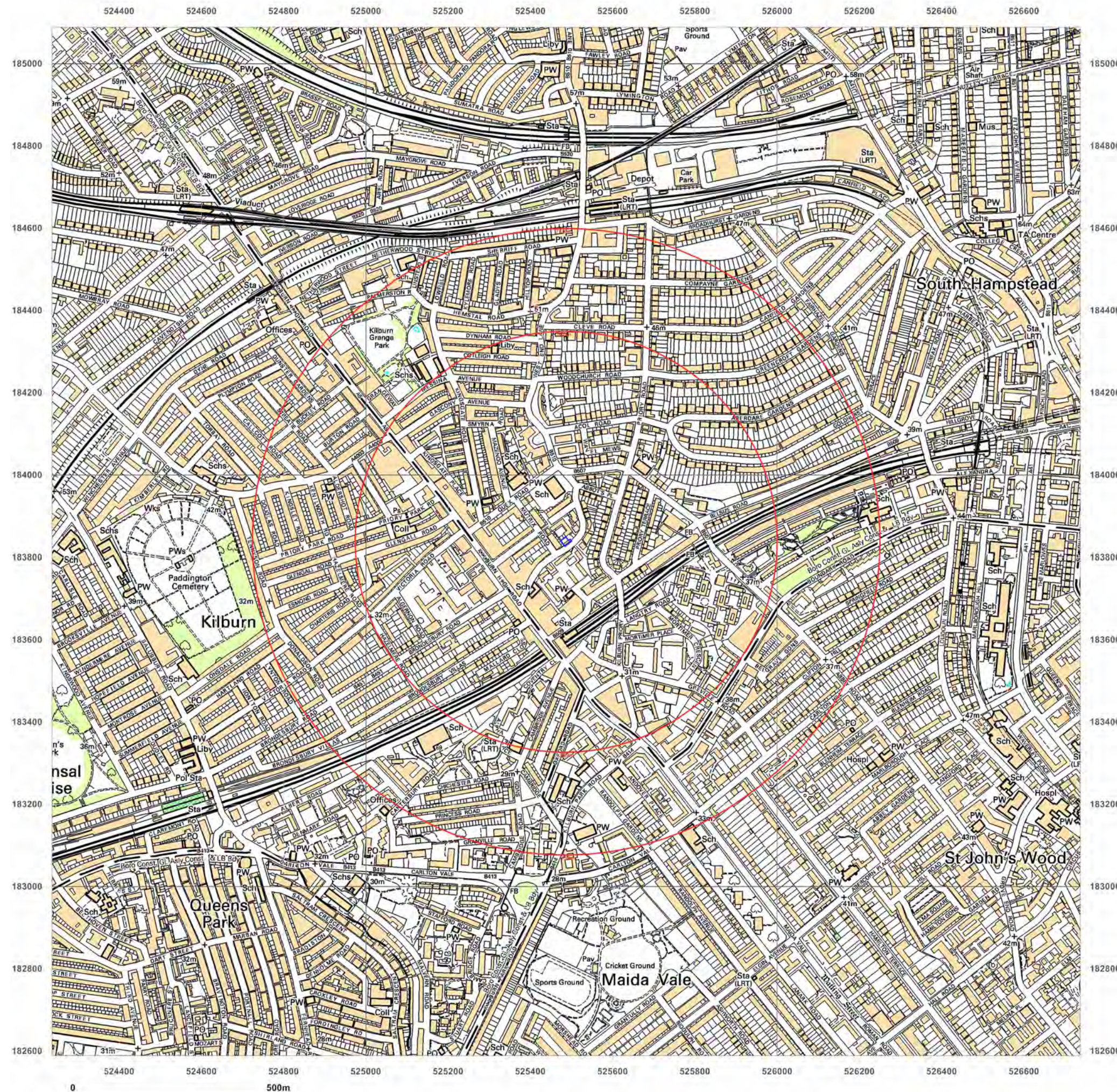


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Client Ref: 10120-MR  
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Map Name: National Grid

Map date: 2010

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**Map Name:** National Grid

**Map date:** 2014

**Scale:** 1:10,000

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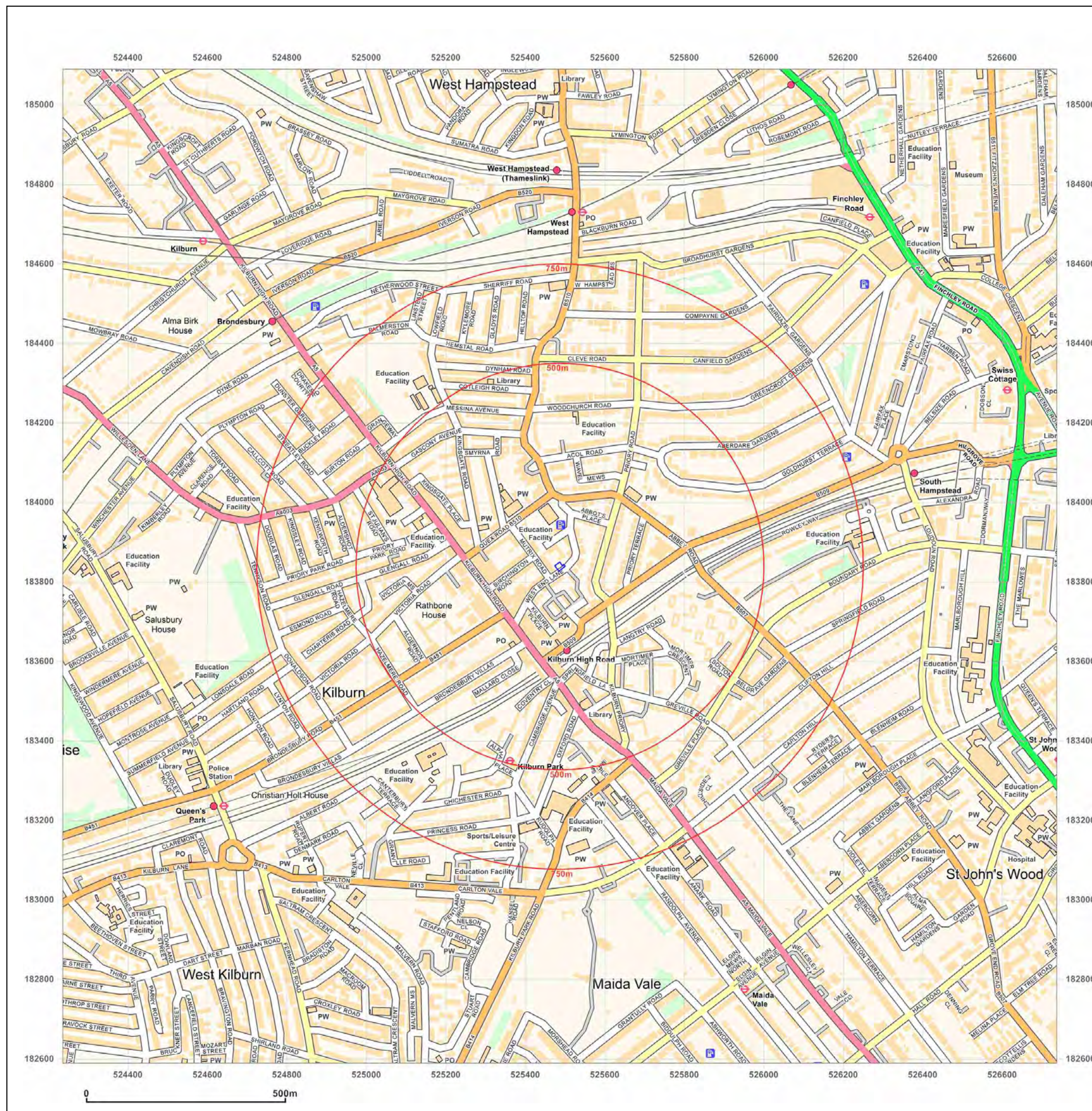


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NW

N

NE

W

E



SW

S

SE

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Grid Reference: 525485,183839

Site Size: 0.03ha

Report Reference: SCL-4072310

Client Reference: 10120-MR



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# Overview of Findings

For further details on each dataset, please refer to each individual section in the main report as listed. Where the database has been searched a numerical result will be recorded. Where the database has not been searched '-' will be recorded.

Section 1: Historical Industrial Sites	On-site	0-50	51-250	251-500
1.1 Potentially Contaminative Uses identified from 1:10,000 scale mapping	0	0	18	21
1.2 Additional Information – Historical Tank Database	0	1	2	7
1.3 Additional Information – Historical Energy Features Database	0	0	28	62
1.4 Additional Information – Historical Petrol and Fuel Site Database	0	0	0	0
1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database	0	0	8	16
1.6 Potentially Infilled Land	0	0	1	2
Section 2: Environmental Permits, Incidents and Registers	On-site	0-50m	51-250	251-500
2.1 Industrial Sites Holding Environmental Permits and/or Authorisations				
2.1.1 Records of historic IPC Authorisations	0	0	0	0
2.1.2 Records of Part A(1) and IPPC Authorised Activities	0	0	0	0
2.1.3 Records of Red List Discharge Consents	0	0	0	0
2.1.4 Records of List 1 Dangerous Substances Inventory sites	0	0	0	0
2.1.5 Records of List 2 Dangerous Substances Inventory sites	0	0	0	0
2.1.6 Records of Part A(2) and Part B Activities and Enforcements	0	0	0	4
2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations	0	0	0	0
2.1.8 Records of Licensed Discharge Consents	0	0	0	0
2.1.9 Records of Water Industry Referrals	0	0	0	0
2.1.10 Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site	0	0	0	0
2.2 Records of COMAH and NIHHS sites	0	0	0	0
2.3 Environment Agency/Natural Resources Wales Recorded Pollution Incidents				
2.3.1 National Incidents Recording System, List 2	0	0	1	2
2.3.2 National Incidents Recording System, List 1	0	0	0	0
2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990	0	0	0	0



Section 3: Landfill and Other Waste Sites	On-site	0-50m	51-250	251-500	501-1000	1000-1500
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### 3.1 Landfill Sites

3.1.1 Environment Agency/Natural Resources Wales Registered Landfill Sites	0	0	0	0	0	Not searched
3.1.2 Environment Agency/Natural Resources Wales Historic Landfill Sites	0	0	0	0	0	1
3.1.3 BGS/DoE Landfill Site Survey	0	0	0	0	0	0
3.1.4 Records of Landfills in Local Authority and Historical Mapping Records	0	0	0	0	0	0

### 3.2 Landfill and Other Waste Sites Findings

3.2.1 Operational and Non-Operational Waste Treatment, Transfer and Disposal Sites	0	0	0	0	Not searched	Not searched
3.2.2 Environment Agency/Natural Resources Wales Licensed Waste Sites	0	0	0	0	0	0

Section 4: Current Land Use	On-site	0-50m	51-250	251-500
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4.1 Current Industrial Sites Data	0	0	22	Not searched
4.2 Records of Petrol and Fuel Sites	0	0	0	1
4.3 National Grid Underground Electricity Cables	0	0	1	0
4.4 National Grid Gas Transmission Pipelines	0	0	0	0

## Section 5: Geology

5.1 Are there any records of Artificial Ground and Made Ground present beneath the study site?

No

5.2 Are there any records of Superficial Ground and Drift Geology present beneath the study site?

None

5.3 For records of Bedrock and Solid Geology beneath the study site see the detailed findings section.

## Section 6: Hydrogeology and Hydrology

0-500m

6.1 Are there any records of Strata Classification in the Superficial Geology within 500m of the study site?

No

6.2 Are there any records of Strata Classification in the Bedrock Geology within 500m of the study site?

Yes

	On-site	0-50m	51-250	251-500	501-1000	1000-2000
6.3 Groundwater Abstraction Licences (within 2000m of the study site)	0	0	0	0	0	4
6.4 Surface Water Abstraction Licences (within 2000m of the study site)	0	0	0	0	0	0
6.5 Potable Water Abstraction Licences (within 2000m of the study site)	0	0	0	0	0	0
6.6 Source Protection Zones (within 500m of the study site)	0	0	0	0	Not searched	Not searched
6.7 Source Protection Zones within Confined Aquifer	0	0	0	0	Not searched	Not searched
6.8 Groundwater Vulnerability and Soil Leaching Potential (within 500m of the study site)	0	0	0	0	Not searched	Not searched



## Section 6: Hydrogeology and Hydrology

0-500m

	On-site	0-50m	51-250	251-500	501-1000	1000-1500
6.9 Is there any Environment Agency/Natural Resources Wales information on river quality within 1500m of the study site?	No	No	No	No	No	No
6.10 Detailed River Network entries within 500m of the site	0	0	0	0	Not searched	Not searched
6.11 Surface water features within 250m of the study site	No	No	No	Not searched	Not searched	Not searched

## Section 7: Flooding

7.1 Are there any Environment Agency Zone 2 floodplains within 250m of the study site?	No					
7.2 Are there any Environment Agency/Natural Resources Wales Zone 3 floodplains within 250m of the study site	No					
7.3 What is the Risk of flooding from Rivers and the Sea (RoFRaS) rating for the study site?	Very Low					
7.4 Are there any Flood Defences within 250m of the study site?	No					
7.5 Are there any areas benefiting from Flood Defences within 250m of the study site?	No					
7.6 Are there any areas used for Flood Storage within 250m of the study site?	No					
7.7 What is the maximum BGS Groundwater Flooding susceptibility within 50m of the study site?	Not Prone					
7.8 What is the BGS confidence rating for the Groundwater Flooding susceptibility areas?	Not Applicable					

## Section 8: Designated Environmentally Sensitive Sites

	On-site	0-50m	51-250	251-500	501-1000	1000-2000
8.1 Records of Sites of Special Scientific Interest (SSSI)	0	0	0	0	0	0
8.2 Records of National Nature Reserves (NNR)	0	0	0	0	0	0
8.3 Records of Special Areas of Conservation (SAC)	0	0	0	0	0	0
8.4 Records of Special Protection Areas (SPA)	0	0	0	0	0	0
8.5 Records of Ramsar sites	0	0	0	0	0	0
8.6 Records of Ancient Woodlands	0	0	0	0	0	0
8.7 Records of Local Nature Reserves (LNR)	0	0	0	0	0	3
8.8 Records of World Heritage Sites	0	0	0	0	0	0
8.9 Records of Environmentally Sensitive Areas	0	0	0	0	0	0



Section 8: Designated Environmentally Sensitive Sites	On-site	0-50m	51-250	251-500	501-1000	1000-2000
8.10 Records of Areas of Outstanding Natural Beauty (AONB)	0	0	0	0	0	0
8.11 Records of National Parks	0	0	0	0	0	0
8.12 Records of Nitrate Sensitive Areas	0	0	0	0	0	0
8.13 Records of Nitrate Vulnerable Zones	0	0	0	0	0	0
8.14 Records of Green Belt land	0	0	0	0	0	0

## Section 9: Natural Hazards

9.1 What is the maximum risk of natural ground subsidence?	Moderate
9.1.1 What is the maximum Shrink-Swell hazard rating identified on the study site?	Moderate
9.1.2 What is the maximum Landslides hazard rating identified on the study site?	Very Low
9.1.3 What is the maximum Soluble Rocks hazard rating identified on the study site?	Negligible
9.1.4 What is the maximum Compressible Ground hazard rating identified on the study site?	Negligible
9.1.5 What is the maximum Collapsible Rocks hazard rating identified on the study site?	Very Low
9.1.6 What is the maximum Running Sand hazard rating identified on the study site?	Negligible
9.2 Radon	
9.2.1 Is the property in a Radon Affected Area as defined by the Health Protection Agency (HPA) and if so what percentage of homes are above the Action Level?	The property is not in a Radon Affected Area, as less than 1% of properties are above the Action Level.
9.2.2 Is the property in an area where Radon Protection are required for new properties or extensions to existing ones as described in publication BR211 by the Building Research Establishment?	No radon protective measures are necessary.

## Section 10: Mining

10.1 Are there any coal mining areas within 75m of the study site?	No
10.2 Are there any Non-Coal Mining areas within 50m of the study site boundary?	No
10.3 Are there any brine affected areas within 75m of the study site?	No



# Using this report

The following report is designed by Environmental Consultants for Environmental Professionals bringing together the most up-to-date market leading environmental data. This report is provided under and subject to the Terms & Conditions agreed between Groundsure and the Client. The document contains the following sections:

## 1. Historical Industrial Sites

Provides information on past land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. Potentially Infilled Land features are also included. This search is conducted using radii of up to 500m.

## 2. Environmental Permits, Incidents and Registers

Provides information on Regulated Industrial Activities and Pollution Incidents as recorded by Regulatory Authorities, and sites determined as Contaminated Land. This search is conducted using radii up to 500m.

## 3. Landfills and Other Waste Sites

Provides information on landfills and other waste sites that may pose a risk to the study site. This search is conducted using radii up to 1500m.

## 4. Current Land Uses

Provides information on current land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. These searches are conducted using radii of up to 500m. This includes information on potentially contaminative industrial sites, petrol stations and fuel sites as well as high pressure gas pipelines and underground electricity transmission lines.

## 5. Geology

Provides information on artificial and superficial deposits and bedrock beneath the study site.

## 6. Hydrogeology and Hydrology

Provides information on productive strata within the bedrock and superficial geological layers, abstraction licenses, Source Protection Zones (SPZs) and river quality. These searches are conducted using radii of up to 2000m.

## 7. Flooding

Provides information on river and coastal flooding, flood defences, flood storage areas and groundwater flood areas. This search is conducted using radii of up to 250m.

## 8. Designated Environmentally Sensitive Sites

Provides information on the Sites of Special Scientific Interest (SSSI), National Nature Reserves (NNR), Special Areas of Conservation (SAC), Special Protection Areas (SPA), Ramsar sites, Local Nature Reserves (LNR), Areas of Outstanding Natural Beauty (AONB), National Parks (NP), Environmentally Sensitive Areas, Nitrate Sensitive Areas, Nitrate Vulnerable Zones and World Heritage Sites and Scheduled Ancient Woodland. These searches are conducted using radii of up to 2000m.

## 9. Natural Hazards

Provides information on a range of natural hazards that may pose a risk to the study site. These factors include natural ground subsidence and radon..

## 10. Mining

Provides information on areas of coal and non-coal mining and brine affected areas.

## 11. Contacts

This section of the report provides contact points for statutory bodies and data providers that may be able to provide further information on issues raised within this report. Alternatively, Groundsure provide a free Technical Helpline (08444 159000) for further information and guidance.

## Note: Maps

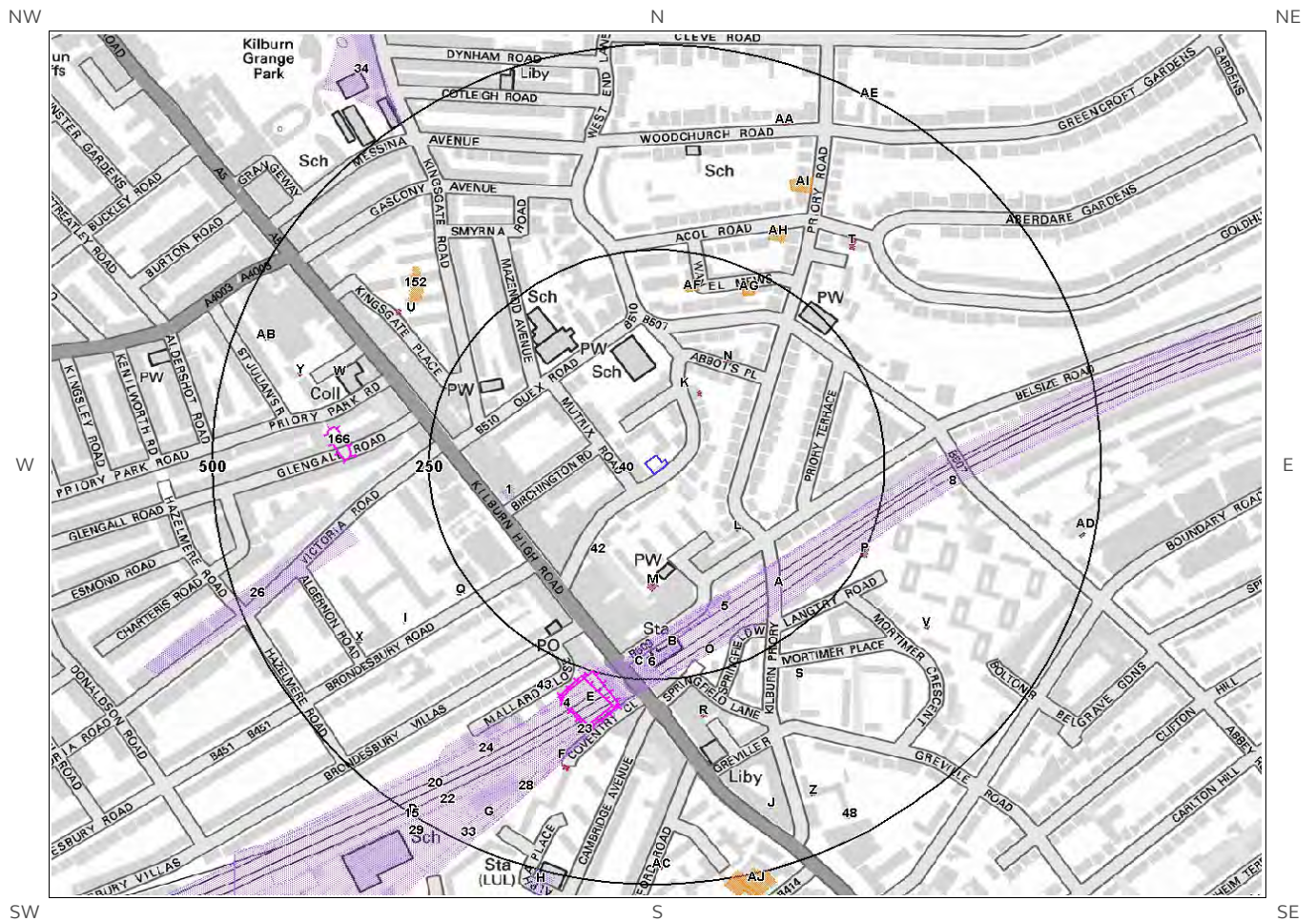
Only certain features are placed on the maps within the report. All features represented on maps found within this search are given an identification number. This number identifies the feature on the mapping and correlates it to the additional information provided below. This identification number precedes all other information and takes the following format -Id: 1, Id: 2, etc. Where numerous features on the same map are in such close proximity that the numbers would obscure each other a letter identifier is used instead to represent the features. (e.g. Three features which overlap may be given the identifier "A" on the map and would be identified separately as features 1A, 3A, 10A on the data tables provided).

Where a feature is reported in the data tables to a distance greater than the map area, it is noted in the data table as "Not Shown".

All distances given in this report are in Metres (m). Directions are given as compass headings such as N: North, E: East, NE: North East from the nearest point of the study site boundary.



# 1. Historical Land Use



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# 1. Historical Industrial Sites

## 1.1 Potentially Contaminative Uses identified from 1:10,000 scale Mapping

The systematic analysis of data extracted from standard 1:10,560 and 1:10,000 scale historical maps provides the following information:

Records of sites with a potentially contaminative past land use within 500m of the search boundary: 39

ID	Distance [m]	Direction	Use	Date
1	155	W	Smithy	1866
2A	162	SE	Railway Sidings	1973
3A	162	SE	Railway Sidings	1968
4	166	SE	Railway Sidings	1989
5	167	SE	Railway Station	1866
6	168	SE	Railway Sidings	1957
7C	168	SE	Railway Station	1948
8	168	SE	Railway Sidings	1894
9B	168	SE	Railway Station	1894
10B	169	S	Railway Station	1973
11B	169	S	Railway Station	1989
12B	169	S	Railway Station	1968
13B	169	SE	Railway Station	1957
14C	230	S	Railway Station	1920
15	246	S	Railway Sidings	1920
16E	250	S	Cuttings	1866
17D	250	S	Railway Sidings	1948
18D	250	S	Railway Sidings	1968
19D	252	S	Railway Sidings	1894
20	256	S	Railway Sidings	1973
21E	260	S	Cuttings	1948
22	280	S	Railway Sidings	1866
23	316	S	Railway Building	1920
24	336	SW	Coal Depot	1920
25F	340	S	Railway Building	1894
26	342	W	Rifle Range	1866
27F	344	S	Railway Buildings	1920
28	399	S	Railway Building	1920
29	434	SW	Railway Building	1968
30G	435	SW	Coal Depot	1866
31G	447	SW	Railway Building	1894
32G	453	SW	Railway Building	1920
33	482	SW	Railway Building	1894
34	497	NW	Sawmill	1894



35H	499	S	Unspecified Station	1948
36H	499	S	London Transport Station	1957
37H	499	S	London Transport Station	1968
38H	499	S	Unspecified Station	1989
39H	499	S	London Transport Station	1973

## 1.2 Additional Information – Historical Tank Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical tanks within 500m of the search boundary:

10

ID	Distance (m)	Direction	Use	Date
40	22	SW	Unspecified Tank	1994
41K	89	N	Unspecified Tank	1871
42	114	SW	Unspecified Tank	1871
43	290	SW	Unspecified Tank	1871
44I	336	SW	Unspecified Tank	1991
45I	338	SW	Unspecified Tank	1994
46J	424	S	Unspecified Tank	1896
47J	425	S	Unspecified Tank	1871
48	473	SE	Unspecified Tank	1896
49AD	486	E	Unspecified Tank	1871

## 1.3 Additional Information – Historical Energy Features Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical energy features within 500m of the search boundary:

90

ID	Distance (m)	Direction	Use	Date
50K	87	NE	Electricity Substation	1972
51K	87	NE	Electricity Substation	1968
52K	88	NE	Electricity Substation	1978
53K	88	NE	Electricity Substation	1969
54L	110	SE	Electricity Substation	1969
55L	111	SE	Electricity Substation	1968
56L	111	SE	Electricity Substation	1972
57L	111	SE	Electricity Substation	1978
58L	111	SE	Electricity Substation	1991



59M	129	S	Electricity Substation	1991
60M	129	S	Electricity Substation	1953
61M	130	S	Electricity Substation	1955
62M	130	S	Electricity Substation	1955
63M	130	S	Electricity Substation	1972
64M	130	S	Electricity Substation	1994
65N	140	NE	Electricity Substation	1972
66N	140	NE	Electricity Substation	1968
67N	141	NE	Electricity Substation	1969
68N	141	NE	Electricity Substation	1978
69N	141	NE	Electricity Substation	1991
70O	224	S	Electricity Substation	1969
71O	224	S	Electricity Substation	1968
72O	224	S	Electricity Substation	1972
73O	224	S	Electricity Substation	1978
74O	224	S	Electricity Substation	1991
75P	247	SE	Electricity Substation	1978
76P	247	SE	Electricity Substation	1991
77P	247	SE	Electricity Substation	1972
78Q	264	SW	Electricity Substation	1991
79Q	265	SW	Electricity Substation	1972
80Q	265	SW	Electricity Substation	1994
81R	295	S	Electricity Substation	1978
82R	295	S	Electricity Substation	1991
83R	295	S	Electricity Substation	1969
84R	295	S	Electricity Substation	1972
85R	295	S	Electricity Substation	1968
86S	296	SE	Electricity Substation	1972
87S	296	SE	Electricity Substation	1978
88S	296	SE	Electricity Substation	1991
89U	326	NW	Electricity Substation	1974
90T	334	NE	Electricity Substation	1991
91T	334	NE	Electricity Substation	1990
92T	334	NE	Electricity Substation	1990
93T	334	NE	Electricity Substations	1970
94U	336	NW	Electricity Substation	1995
95U	337	NW	Electricity Substation	1991
96V	355	SE	Electricity Substation	1968
97V	355	SE	Electricity Substation	1972
98V	355	SE	Electricity Substation	1953
99V	356	SE	Electricity Substation	1955
100V	356	SE	Electricity Substation	1969
101V	356	SE	Electricity Substation	1955
102V	356	SE	Electricity Substation	1978
103V	356	SE	Electricity Substation	1991
104W	367	W	Electricity Substation	1991



105W	367	W	Electricity Substation	1972
106W	367	W	Electricity Substation	1994
107F	369	S	Electricity Substation	1995
108F	369	S	Electricity Substation	1969
109F	369	S	Electricity Substation	1984
110F	369	S	Electricity Substation	1968
111F	370	S	Electricity Substation	1991
112X	392	SW	Electricity Substation	1991
113X	393	SW	Electricity Substation	1972
114X	394	SW	Electricity Substation	1994
115Y	411	W	Electricity Substation	1991
116Y	411	W	Electricity Substation	1994
117Y	411	W	Electricity Substation	1972
118Z	427	SE	Electricity Substation	1955
119Z	427	SE	Electricity Substation	1955
120Z	427	SE	Electricity Substation	1953
121AA	428	N	Electricity Substation	1991
122AA	428	N	Electricity Substation	1990
123AA	428	N	Electricity Substation	1990
124AA	428	N	Electricity Substation	1970
125AB	460	W	Electricity Substation	1955
126AB	460	W	Electricity Substation	1955
127AB	461	W	Electricity Substation	1953
128AC	476	S	Electricity Substation	1984
129AC	476	S	Electricity Substation	1995
130AC	476	S	Electricity Substation	1991
131AD	482	E	Electricity Substation	1969
132AD	482	E	Electricity Substation	1955
133AD	482	E	Electricity Substation	1955
134AD	483	E	Electricity Substation	1972
135AD	483	E	Electricity Substation	1968
136AD	483	E	Electricity Substation	1953
137AE	498	NE	Electricity Substation	1990
138AE	498	NE	Electricity Substation	1970
139AE	499	NE	Electricity Substation	1991

## 1.4 Additional Information – Historical Petrol and Fuel Site Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical petrol stations and fuel sites within 500m of the search boundary:

0

Database searched and no data found.



## 1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical garage and motor vehicle repair sites within 500m of the search boundary: 24

ID	Distance (m)	Direction	Use	Date
140AF	202	N	Garages	1955
141AF	202	N	Garages	1955
142AF	202	N	Garages	1953
143AF	202	N	Garages	1953
144AG	218	NE	Garage	1955
145AG	218	NE	Garage	1955
146AG	219	NE	Garage	1953
147AG	219	NE	Garage	1953
148AH	293	NE	Garages	1953
149AH	293	NE	Garages	1953
150AH	293	NE	Garages	1955
151AH	293	NE	Garages	1955
152	326	NW	Garage	1974
153AI	358	NE	Garages	1955
154AI	358	NE	Garages	1955
155AI	358	NE	Garages	1953
156AI	358	NE	Garages	1953
157AJ	492	S	Garage	1915
158AJ	497	S	Garage	1953
159AJ	497	S	Garage	1966
160AJ	497	S	Garage	1974
161AJ	497	S	Garage	1955
162AJ	497	S	Garage	1955
163AJ	497	S	Garage	1969

## 1.6 Potentially Infilled Land

Records of Potentially Infilled Features from 1:10,000 scale mapping within 500m of the study site: 3

The following Historical Potentially Infilled Features derived from the Historical Mapping information is provided by Groundsure:

ID	Distance(m)	Direction	Use	Date
164E	250	S	Cuttings	1866
165E	260	S	Cuttings	1948
166	340	W	Pond	1866