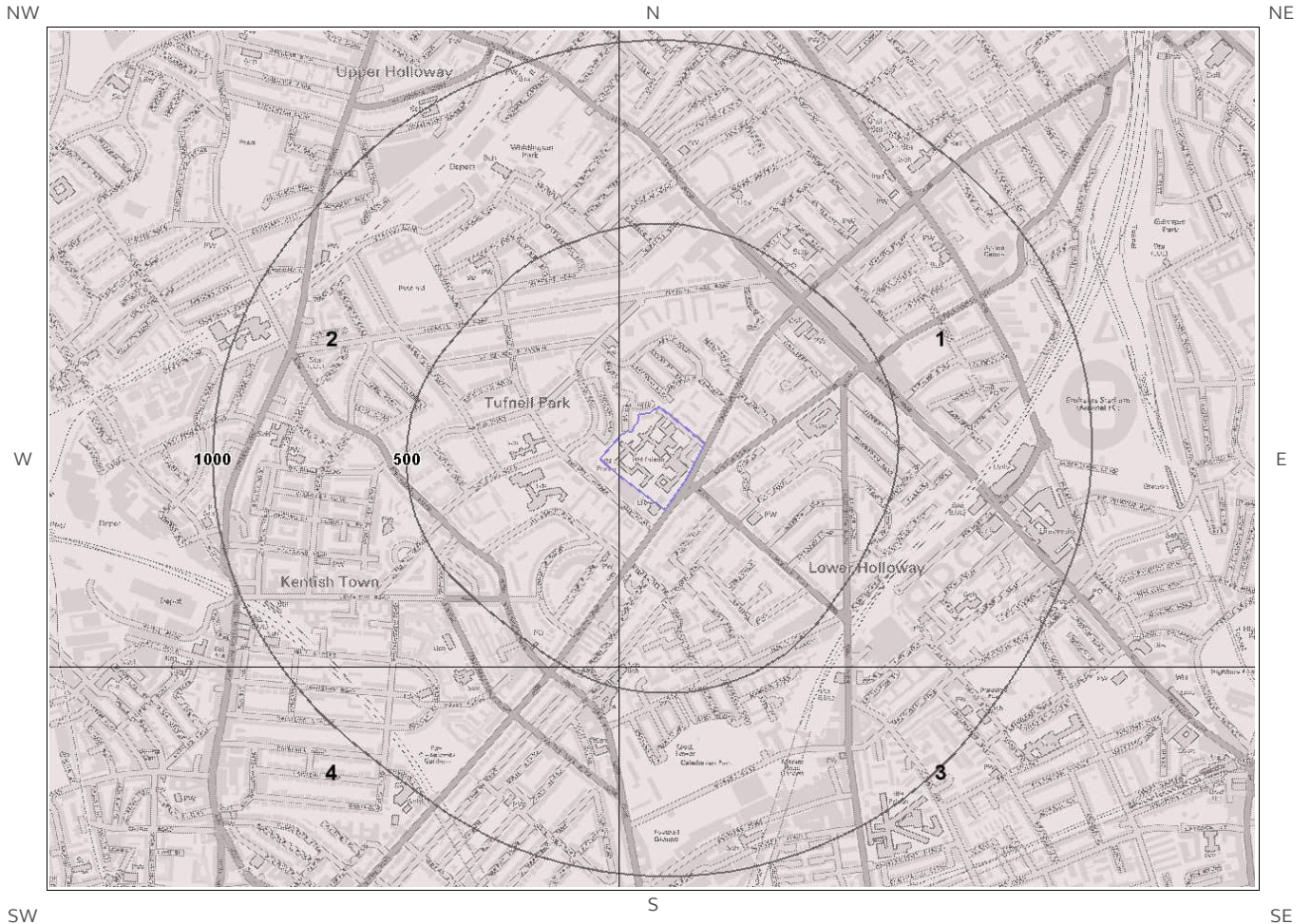
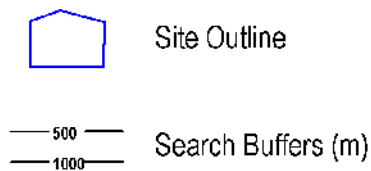


1.3 Bedrock and linear features map (1:10,000 scale)



Bedrock and linear features Legend

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1.3 Bedrock and linear features

The following geological information represented on the mapping is derived from 1:10,000 scale BGS Geological mapping.

1.3.1 Bedrock/ Solid Geology

Records of Bedrock/Solid Geology within 500m of the study site boundary at 1:10,000 scale.

ID	Distance (m)	Direction	LEX Code	Description	Rock Age
1	0.0	On Site	LC-CLAY	London Clay Formation - Clay	Eocene Epoch
2	0.0	On Site	LC-CLAY	London Clay Formation - Clay	Eocene Epoch
3	428.0	S	LC-CLAY	London Clay Formation - Clay	Eocene Epoch
4	444.0	S	LC-CLAY	London Clay Formation - Clay	Eocene Epoch

1.3.2 Linear features

Are there any records of linear features within 500m of the study site boundary at 1:10,000 scale? No

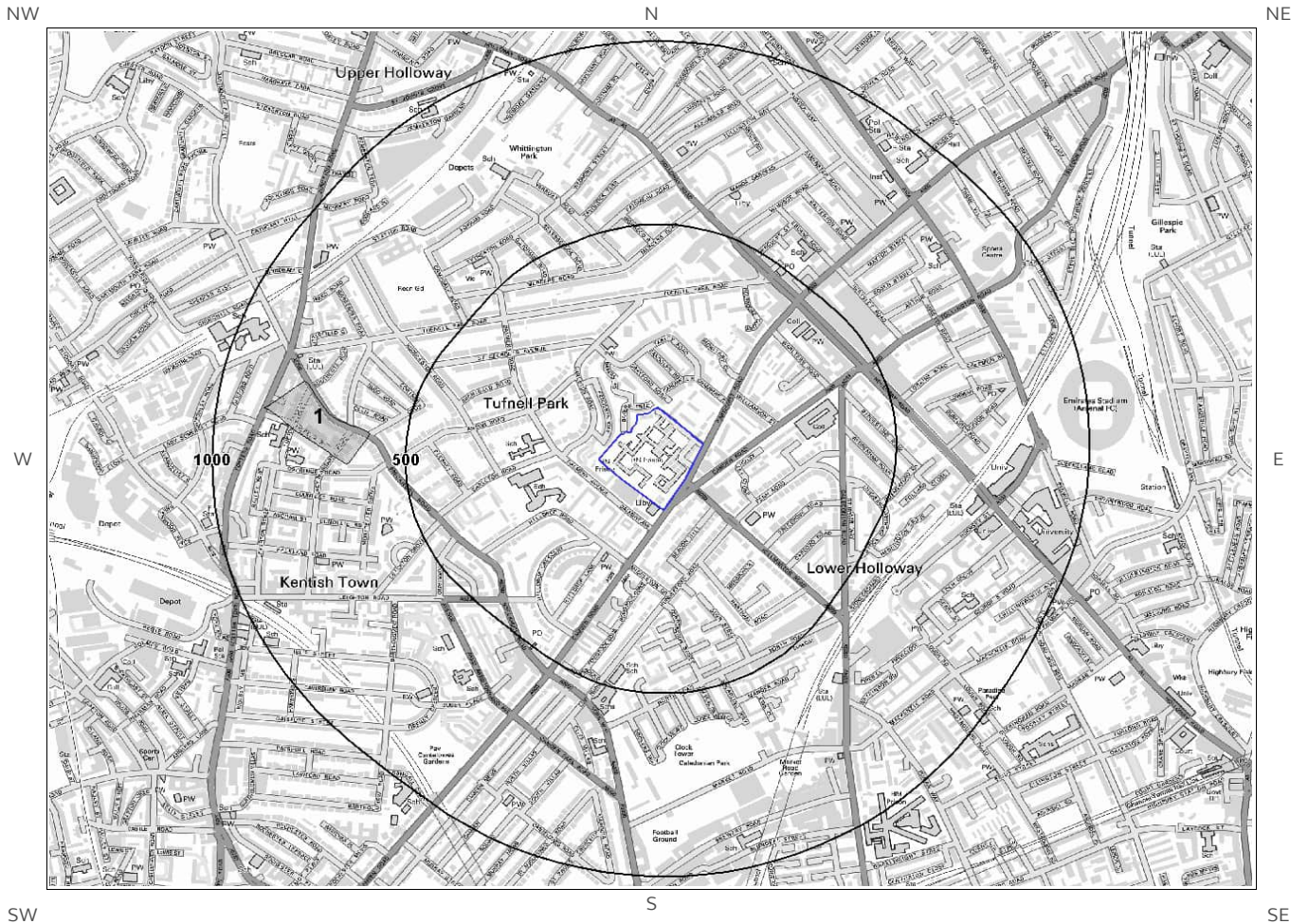
Database searched and no data found at this scale.

The geology map for the site and surrounding area are extracted from the BGS Digital Geological Map of great Britain at 1:10,000 scale.

This Geology shows the main components as discrete layers, these are: Bedrock/ Solid Geology and linear features such as faults. These are all displayed with the BGS Lexicon code for the rock unit and BGS sheet number. Not all of the main geological components have nationwide coverage.

2 Geology 1:50,000 Scale

2.1 Artificial Ground map



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2. Geology 1:50,000 scale

2.1 Artificial Ground

The following geological information represented on the mapping is derived from 1:50,000 scale BGS Geological mapping, Sheet No: 256

2.1.1 Artificial/ Made Ground

Are there any records of Artificial/ Made Ground within 500m of the study site boundary? No

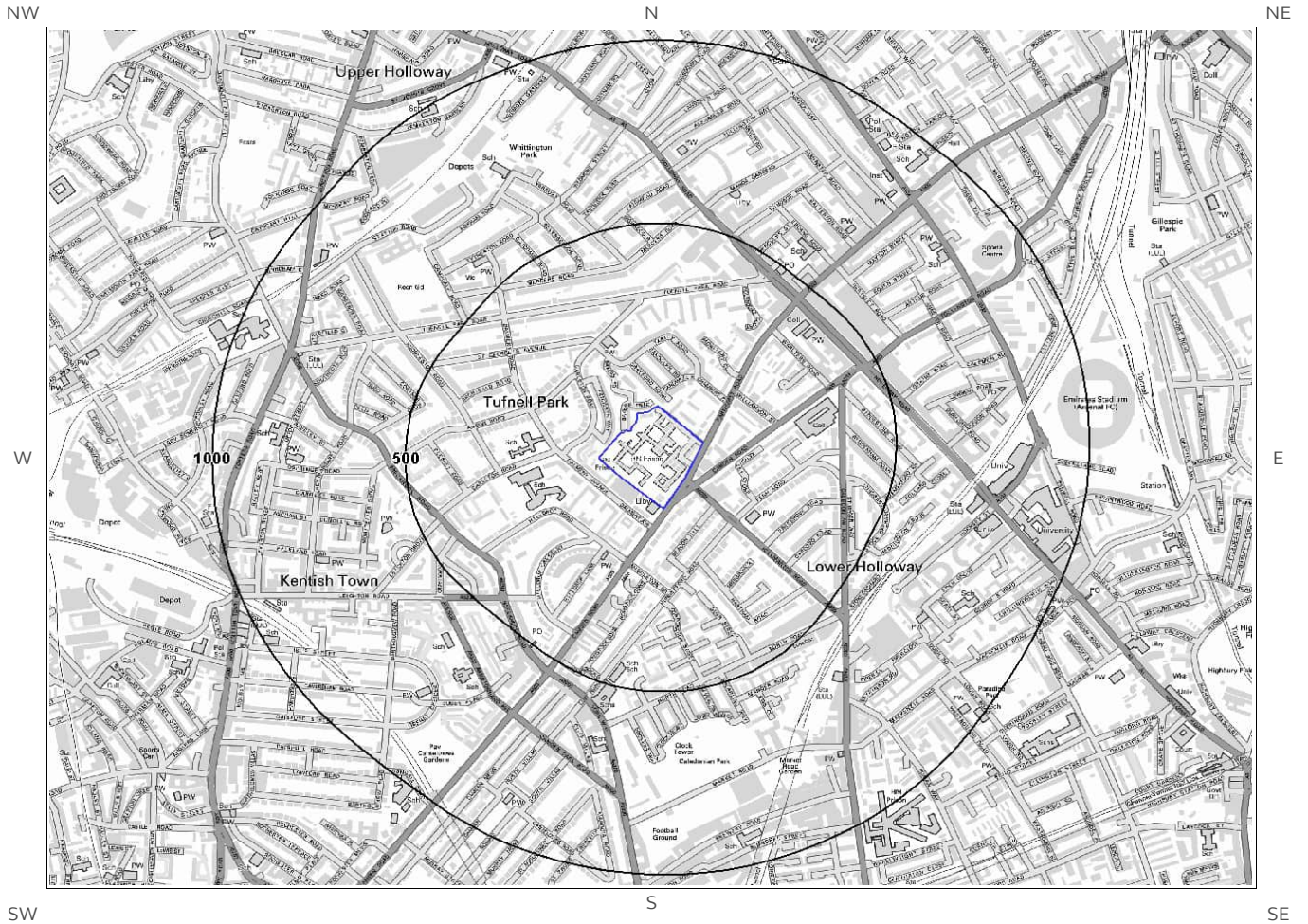
Database searched and no data found.

2.1.2 Permeability of Artificial Ground

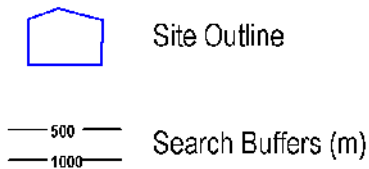
Are there any records relating to permeability of artificial ground within the study site boundary? No

Database searched and no data found.

2.2 Superficial Deposits and Landslips map (1:50,000 scale)



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2.2 Superficial Deposits and Landslips

2.2.1 Superficial Deposits/ Drift Geology

Are there any records of Superficial Deposits/ Drift Geology within 500m of the study site boundary? No

Database searched and no data found.

2.2.2 Permeability of Superficial Ground

Are there any records relating to permeability of superficial ground within the study site boundary? No

Database searched and no data found.

2.2.3 Landslip

Are there any records of Landslip within 500m of the study site boundary? No

Database searched and no data found.

The geology map for the site and surrounding area are extracted from the BGS Digital Geological Map of Great Britain at 1:50,000 scale.

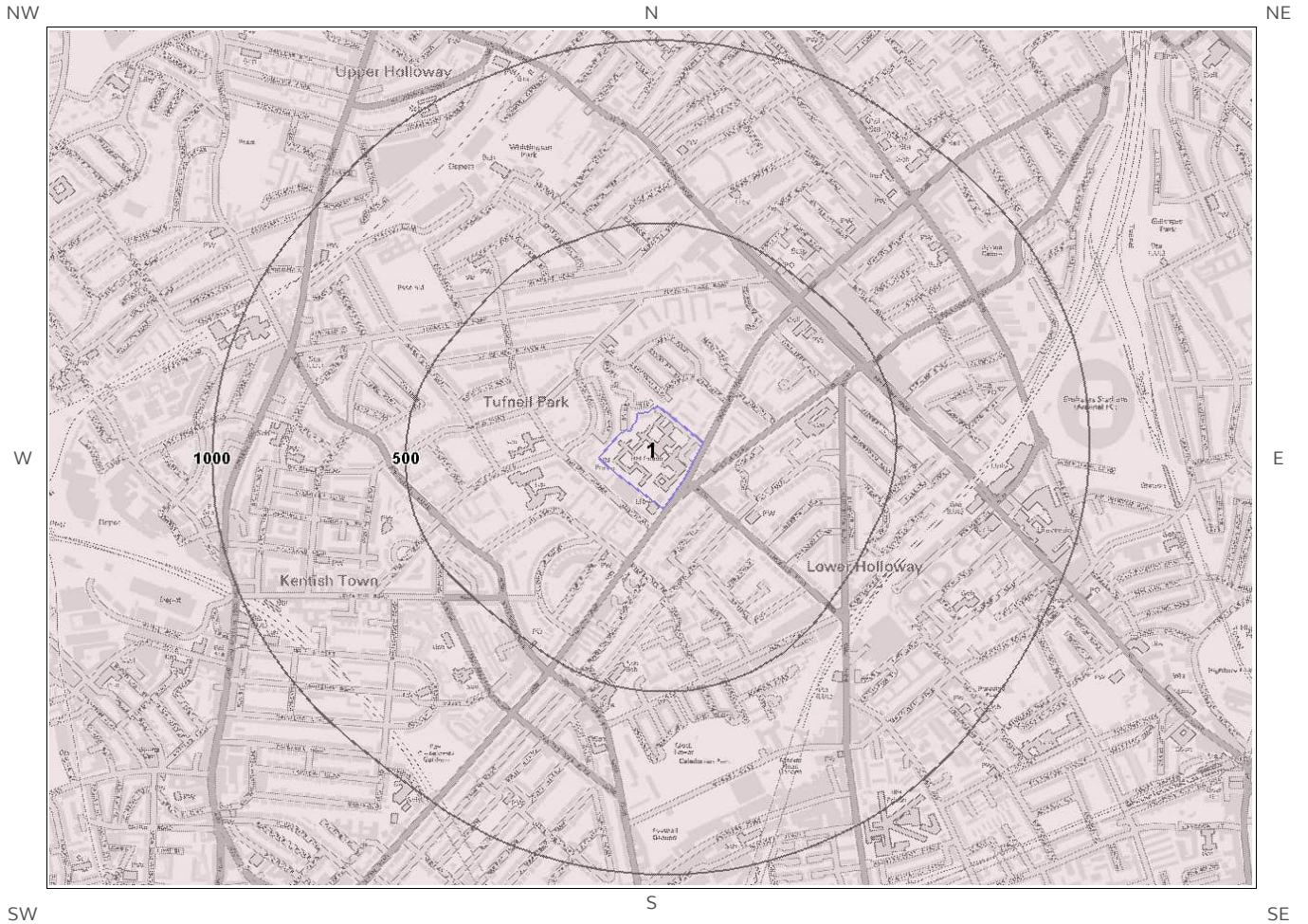
This Geology shows the main components as discrete layers, there are: Artificial/ Made Ground, Superficial/ Drift Geology and Landslips. These are all displayed with the BGS Lexicon code for the rock unit and BGS sheet number. Not all of the main geological components have nationwide coverage.

2.2.4 Landslip Permeability

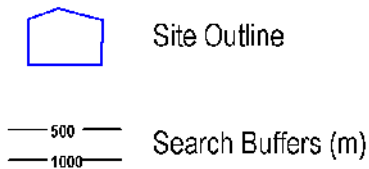
Are there any records relating to permeability of landslips within the study site boundary? No

Database searched and no data found.

2.3 Bedrock and linear features map (1:50,000 scale)



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2.3 Bedrock, Solid Geology & linear features

The following geological information represented on the mapping is derived from 1:50,000 scale BGS Geological mapping, Sheet No: 256

2.3.1 Bedrock/Solid Geology

Records of Bedrock/Solid Geology within 500m of the study site boundary:

ID	Distance	Direction	LEX Code	Rock Description	Rock Age
1	0.0	On Site	LC-XCZS	LONDON CLAY FORMATION - CLAY, SILT AND SAND	YPRESIAN

2.3.2 Permeability of Bedrock Ground

Are there any records relating to permeability of bedrock ground within the study site boundary? Yes

Distance	Direction	Flow Type	Maximum Permeability	Minimum Permeability
0.0	On Site	Mixed	Moderate	Very Low
0.0	On Site	Mixed	Moderate	Very Low

2.3.3 Linear features

Are there any records of linear features within 500m of the study site boundary? No

Database searched and no data found.

The geology map for the site and surrounding area are extracted from the BGS Digital Geological Map of Great Britain at 1:50,000 scale.

This Geology shows the main components as discrete layers, these are: Bedrock/Solid Geology and linear features such as faults. These are all displayed with the BGS Lexicon code for the rock unit and BGS sheet number. Not all of the main geological components have nation wide coverage.

3 Radon Data

3.1 Radon Affected Areas

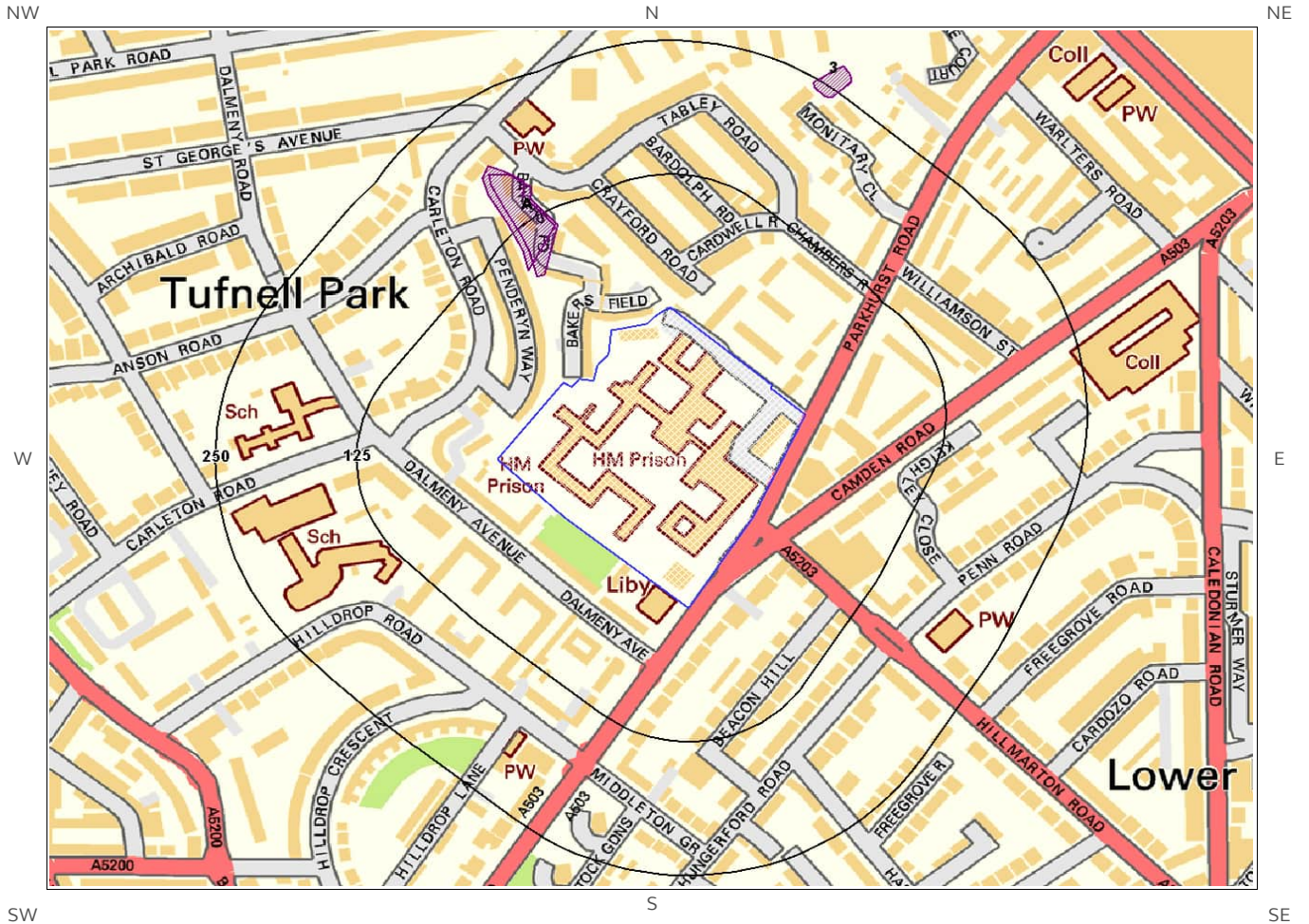
Is the property in a Radon Affected Area as defined by the Health Protection Agency (HPA) and if so what percentage of homes are above the Action Level? The property is not in a Radon Affected Area, as less than 1% of properties are above the Action Level.

The radon data in this report is supplied by the BGS/Public Health England and is the definitive map of Radon Affected Areas in Great Britain and Northern Ireland. The dataset was created using long-term radon measurements in over 479,000 homes across Great Britain and 23,000 homes across Northern Ireland, combined with geological data. The dataset is considered accurate to 50m to allow for the margin of error in geological lines, and the findings of this report supercede any answer given in the less accurate Indicative Atlas of Radon in Great Britain, which simplifies the data to give the highest risk within any given 1km grid square. As such, the radon atlas is considered indicative, whereas the data given in this report is considered definitive.

3.2 Radon Protection





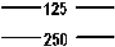
Is the property in an area where Radon Protection are required for new properties or extensions to existing ones as described in publication BR211 by the Building Research Establishment? No radon protective measures are necessary.

4 Ground Workings map



Ground Workings Legend

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-  Site Outline
-  Historic Surface Ground Workings
-  Historic Underground Workings
-  Current Ground Workings
-  Search Buffers (m)

4 Ground Workings

4.1 Historical Surface Ground Working Features derived from Historical Mapping

This dataset is based on Groundsure's unique Historical Land Use Database derived from 1:10,560 and 1:10,000 scale historical mapping

Are there any Historical Surface Ground Working Features within 250m of the study site boundary? Yes

ID	Distance (m)	Direction	NGR	Use	Date
1A	78.0	NW	529972 185785	Unspecified Heap	1894
2A	92.0	NW	529968 185792	Unspecified Heap	1949
3	240.0	NE	530245 185920	Pond	1869

4.2 Historical Underground Working Features derived from Historical Mapping

This data is derived from the Groundsure unique Historical Land Use Database. It contains data derived from 1:10,000 and 1:10,560 historical Ordnance Survey Mapping and includes some natural topographical features (Shake Holes for example) as well as manmade features that may have implications for ground stability. Underground and mining features have been identified from surface features such as shafts. The distance that these extend underground is not shown.

Are there any Historical Underground Working Features within 1000m of the study site boundary? Yes

The following Historical Underground Working Features are provided by Groundsure:

ID	Distance (m)	Direction	NGR	Use	Date
Not shown	679.0	SE	530390 184573	Railway Tunnel	1971
Not shown	679.0	SE	530390 184573	Railway Tunnel	1940
Not shown	679.0	SE	530390 184573	Railway Tunnel	1994
Not shown	679.0	SE	530390 184573	Railway Tunnel	1976
Not shown	679.0	SE	530390 184573	Railway Tunnel	1966
Not shown	679.0	SE	530390 184573	Railway Tunnel	1957
Not shown	686.0	SE	530419 184667	Tunnel	1914
Not shown	686.0	SE	530419 184667	Tunnel	1938
Not shown	687.0	SE	530397 184580	Tunnel	1873

ID	Distance (m)	Direction	NGR	Use	Date
Not shown	687.0	SE	530397 184580	Tunnel	1873
Not shown	961.0	SW	529582 184534	Tunnel	1957
Not shown	961.0	SW	529582 184534	Tunnel	1940
Not shown	961.0	SW	529602 184492	Tunnel	1968
Not shown	961.0	SW	529602 184492	Tunnel	1989
Not shown	961.0	SW	529602 184492	Tunnel	1973
Not shown	966.0	SW	529576 184558	Tunnel	1914
Not shown	966.0	SW	529576 184558	Tunnel	1938
Not shown	979.0	SW	529574 184527	Tunnel	1873
Not shown	979.0	SW	529574 184527	Tunnel	1873

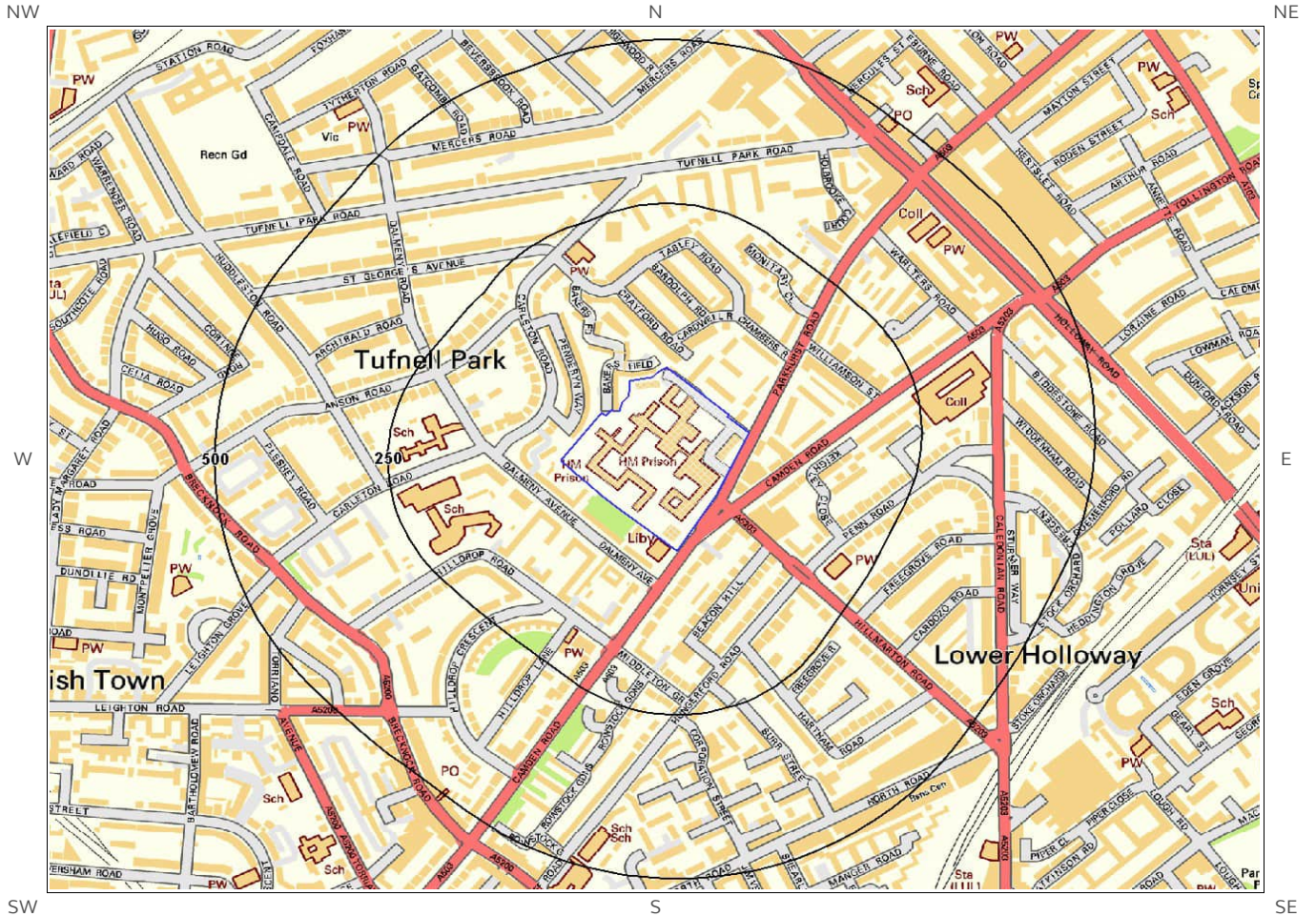
4.3 Current Ground Workings

This dataset is derived from the BGS BRITPITS database covering active; inactive mines; quarries; oil wells; gas wells and mineral wharves; and rail deposits throughout the British Isles.

Are there any BGS Current Ground Workings within 1000m of the study site boundary? No

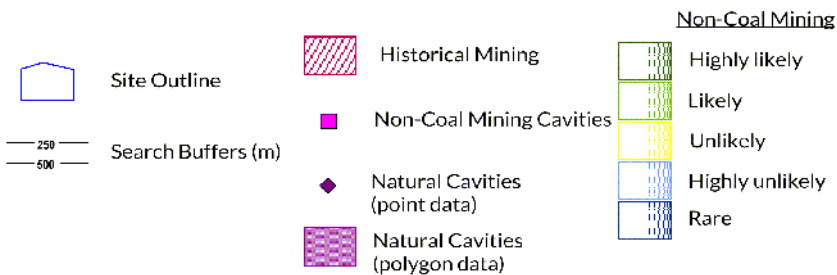
Database searched and no data found.

5 Mining, Extraction & Natural Cavities map



Mining, Extraction and Natural Cavities Legend

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5 Mining, Extraction & Natural Cavities

5.1 Historical Mining

This dataset is derived from Groundsure unique Historical Land-use Database that are indicative of mining or extraction activities.

Are there any Historical Mining areas within 1000m of the study site boundary? No

Database searched and no data found.

5.2 Coal Mining

This dataset provides information as to whether the study site lies within a known coal mining affected area as defined by the coal authority.

Are there any Coal Mining areas within 1000m of the study site boundary? No

Database searched and no data found.

5.3 Johnson Poole and Bloomer

This dataset provides information as to whether the study site lies within an area where JPB hold information relating to mining.

Are there any JPB Mining areas within 1000m of the study site boundary? Yes

The following information provided by JPB is not represented on mapping: Whilst outside of an area where The Coal Authority have information on coal mining activities, Johnson Poole & Bloomer (JPB) have information such as mining plans and maps held within their archive of mining activities that have occurred within 1km of this property. Further details and a quote for services can be obtained by emailing this report to enquiries.gs@jpb.co.uk.

5.4 Non-Coal Mining

This dataset provides information as to whether the study site lies within an area which may have been subject to non-coal historic mining.

Are there any Non-Coal Mining areas within 1000m of the study site boundary? No

Database searched and no data found.

5.5 Non-Coal Mining Cavities

This dataset provides information from the Peter Brett Associates (PBA) mining cavities database (compiled for the national study entitled “Review of mining instability in Great Britain, 1990” PBA has also continued adding to this database) on mineral extraction by mining.

Are there any Non-Coal Mining cavities within 1000m of the study site boundary? No

Database searched and no data found.

5.6 Natural Cavities

This dataset provides information based on the Peter Brett Associates natural cavities database. The dataset is made up of points and polygons. Where polygons are used these represent an area in which it is expected the cavities could be found. It does not indicate that cavities are present everywhere within the polygon, and caution should be used in the interpretation of this data.

Are there any Natural Cavities within 1000m of the study site boundary? No

Database searched and no data found.

5.7 Brine Extraction

This data provides information from the Cheshire Brine Subsidence Compensation Board.

Are there any Brine Extraction areas within 1000m of the study site boundary? No

Database searched and no data found.

5.8 Gypsum Extraction

This dataset provides information on Gypsum extraction from British Gypsum records.

Are there any Gypsum Extraction areas within 1000m of the study site boundary? No

Database searched and no data found.

5.9 Cornwall and Devon Metalliferous Mining

This dataset provides information on metalliferous mining areas in Cornwall/Devon and is derived from records held by Mining Searches UK.

Are there any Cornwall and Devon Metalliferous Mining areas within 1000m of the study site boundary? No

Database searched and no data found.

This dataset provides information on Kaolin and Ball Clay mining from relevant mining records.

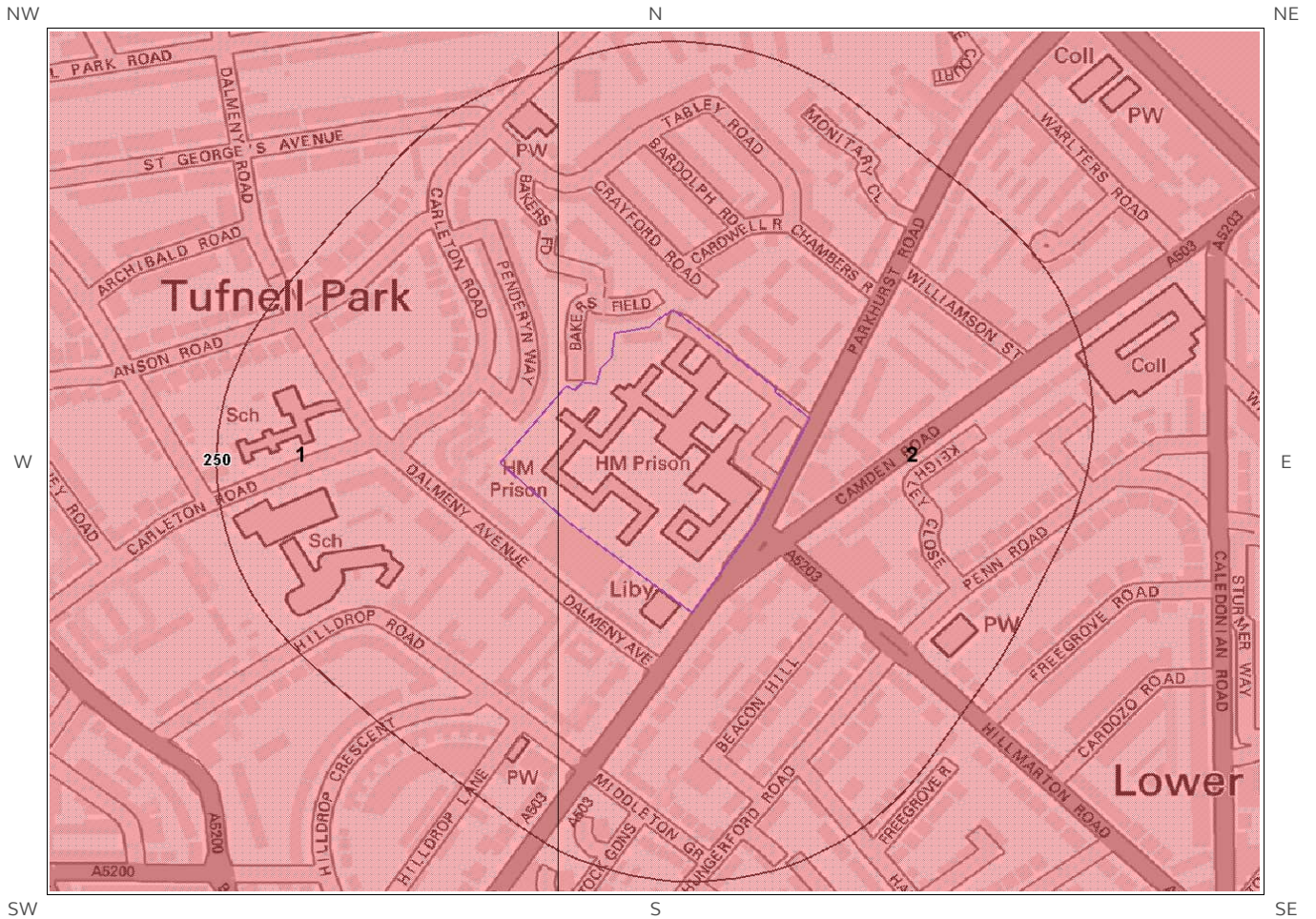
Are there any Clay Mining areas within 1000m of the study site boundary?

No

Database searched and no data found.

6 Natural Ground Subsidence

6.1 Shrink-Swell Clay map

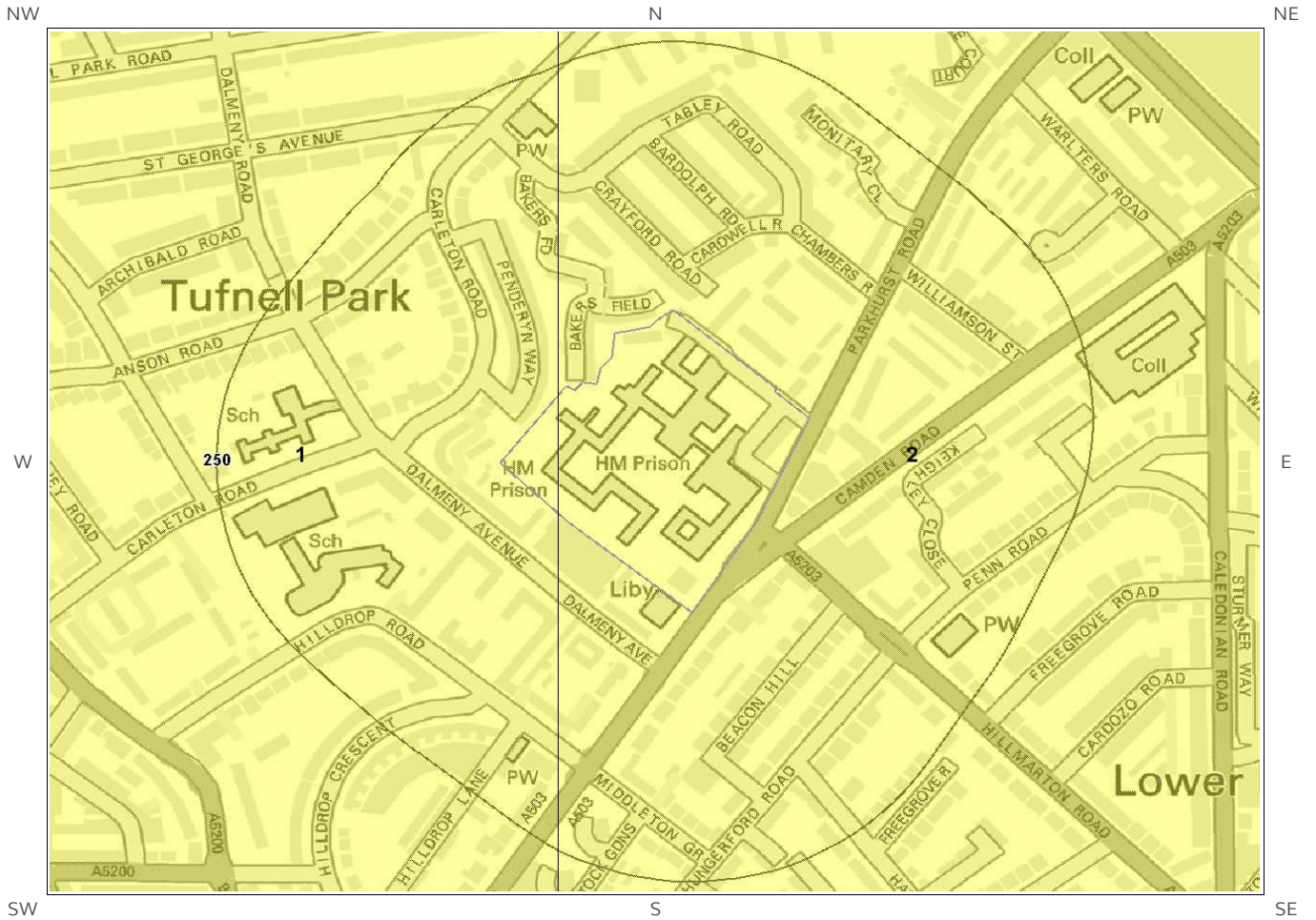


Shrink Swell Clay Legend

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6.2 Landslides map

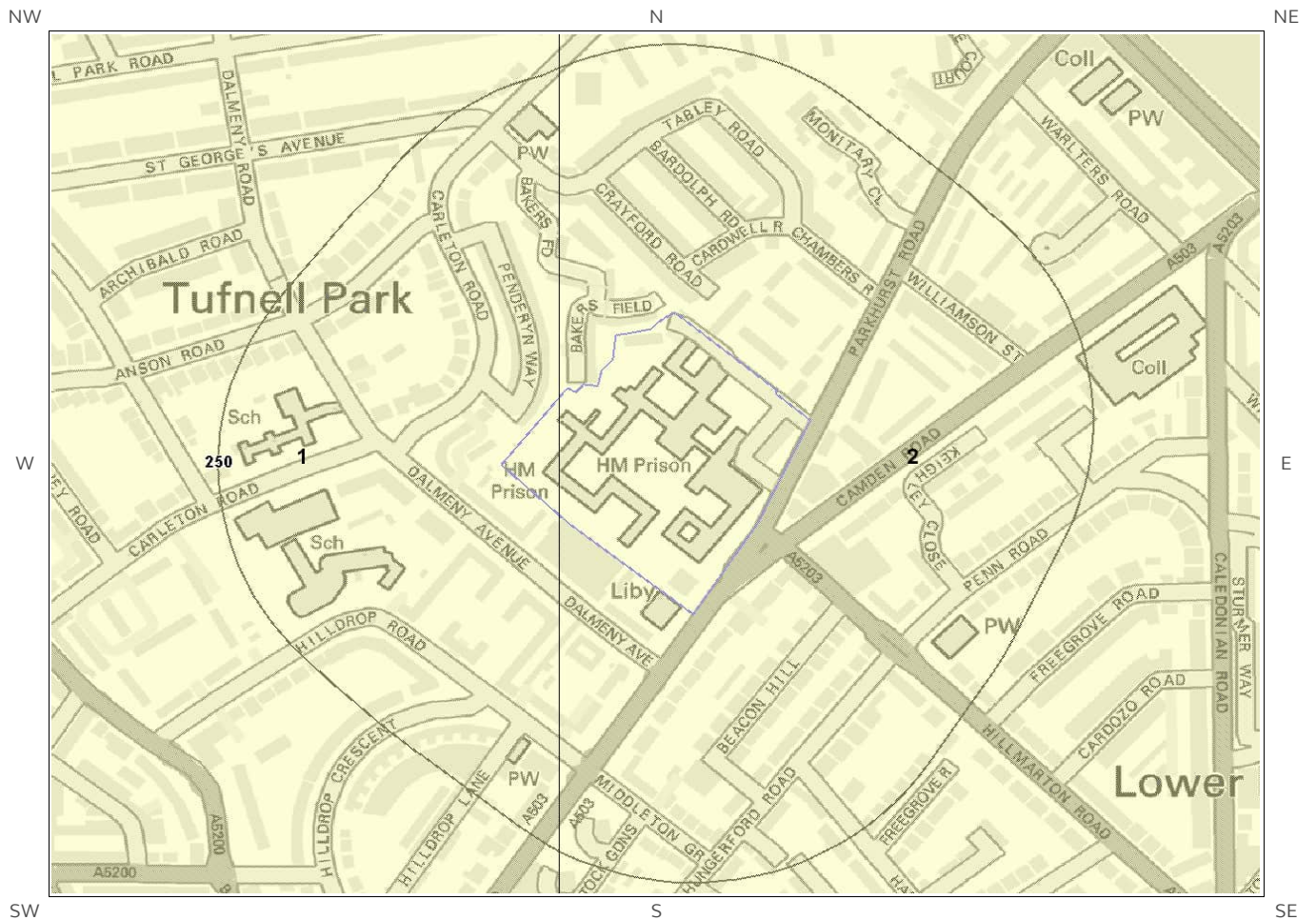


Landslides Legend

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6.3 Ground Dissolution of Soluble Rocks map

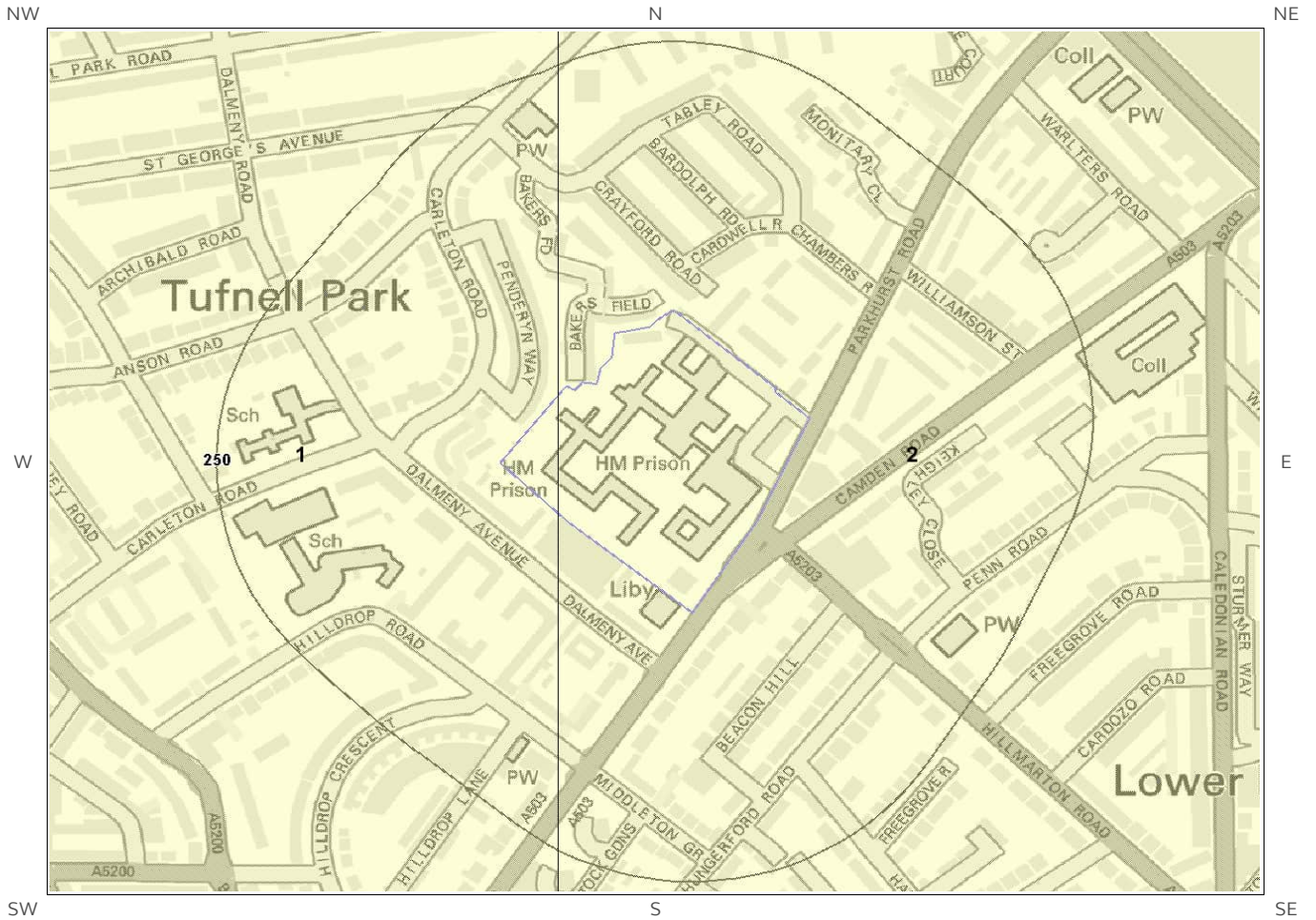


Ground Dissolution Soluble Rocks Legend

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6.4 Compressible Deposits map

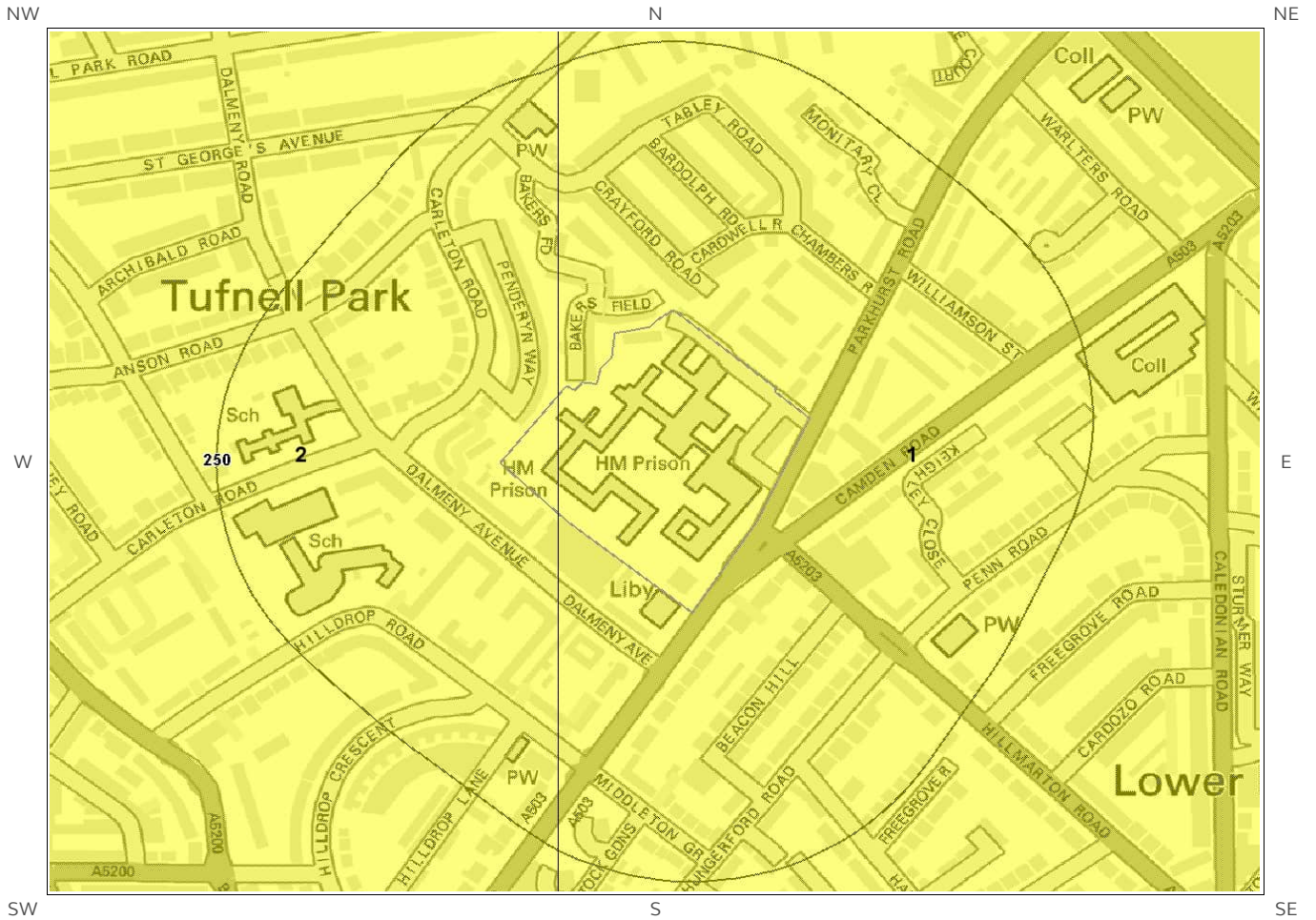


Compressible Deposits Legend

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6.5 Collapsible Deposits map

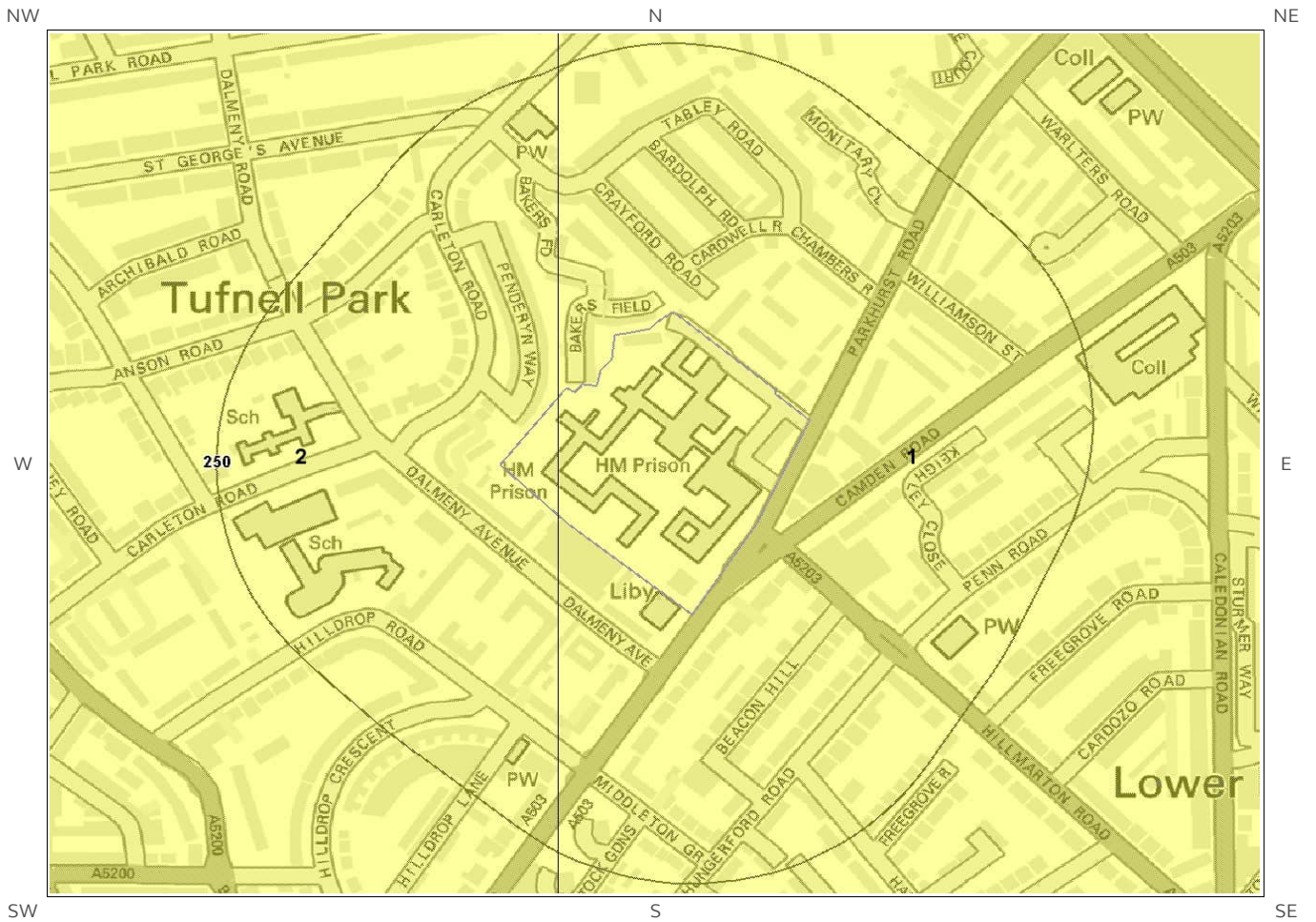


Collapsible Deposits Legend

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6.6 Running Sand map



Running Sand Legend

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6 Natural Ground Subsidence

The National Ground Subsidence rating is obtained through the 6 natural ground stability hazard datasets, which are supplied by the British Geological Survey (BGS).

The following GeoSure data represented on the mapping is derived from the BGS Digital Geological map of Great Britain at 1:50,000 scale.

What is the maximum hazard rating of natural subsidence within the study site** boundary? Moderate

6.1 Shrink-Swell Clays

The following Shrink Swell information provided by the British Geological Survey:

ID	Distance (m)	Direction	Hazard Rating	Details
1	0.0	On Site	Moderate	Ground conditions predominantly high plasticity. Do not plant or remove trees or shrubs near to buildings without expert advice about their effect and management. For new build, consideration should be given to advice published by the National House Building Council (NHBC) and the Building Research Establishment (BRE). There is a probable increase in construction cost to reduce potential shrink-swell problems. For existing property, there is a probable increase in insurance risk during droughts or where vegetation with high moisture demands is present.
2	0.0	On Site	Moderate	Ground conditions predominantly high plasticity. Do not plant or remove trees or shrubs near to buildings without expert advice about their effect and management. For new build, consideration should be given to advice published by the National House Building Council (NHBC) and the Building Research Establishment (BRE). There is a probable increase in construction cost to reduce potential shrink-swell problems. For existing property, there is a probable increase in insurance risk during droughts or where vegetation with high moisture demands is present.

* This includes an automatically generated 50m buffer zone around the site

The following Landslides information provided by the British Geological Survey:

ID	Distance (m)	Direction	Hazard Rating	Details
1	0.0	On Site	Very Low	Slope instability problems are unlikely to be present. No special actions required to avoid problems due to landslides. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with landslides.
2	0.0	On Site	Very Low	Slope instability problems are unlikely to be present. No special actions required to avoid problems due to landslides. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with landslides.

6.3 Ground Dissolution of Soluble Rocks

The following Ground Dissolution information provided by the British Geological Survey:

ID	Distance (m)	Direction	Hazard Rating	Details
1	0.0	On Site	Negligible	Soluble rocks are present, but unlikely to cause problems except under exceptional conditions. No special actions required to avoid problems due to soluble rocks. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with soluble rocks.
2	0.0	On Site	Negligible	Soluble rocks are present, but unlikely to cause problems except under exceptional conditions. No special actions required to avoid problems due to soluble rocks. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with soluble rocks.

6.4 Compressible Deposits

The following Compressible Deposits information provided by the British Geological Survey:

ID	Distance (m)	Direction	Hazard Rating	Details
1	0.0	On Site	Negligible	No indicators for compressible deposits identified. No special actions required to avoid problems due to compressible deposits. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with compressible deposits.
2	0.0	On Site	Negligible	No indicators for compressible deposits identified. No special actions required to avoid problems due to compressible deposits. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with compressible deposits.

The following Collapsible Rocks information provided by the British Geological Survey:

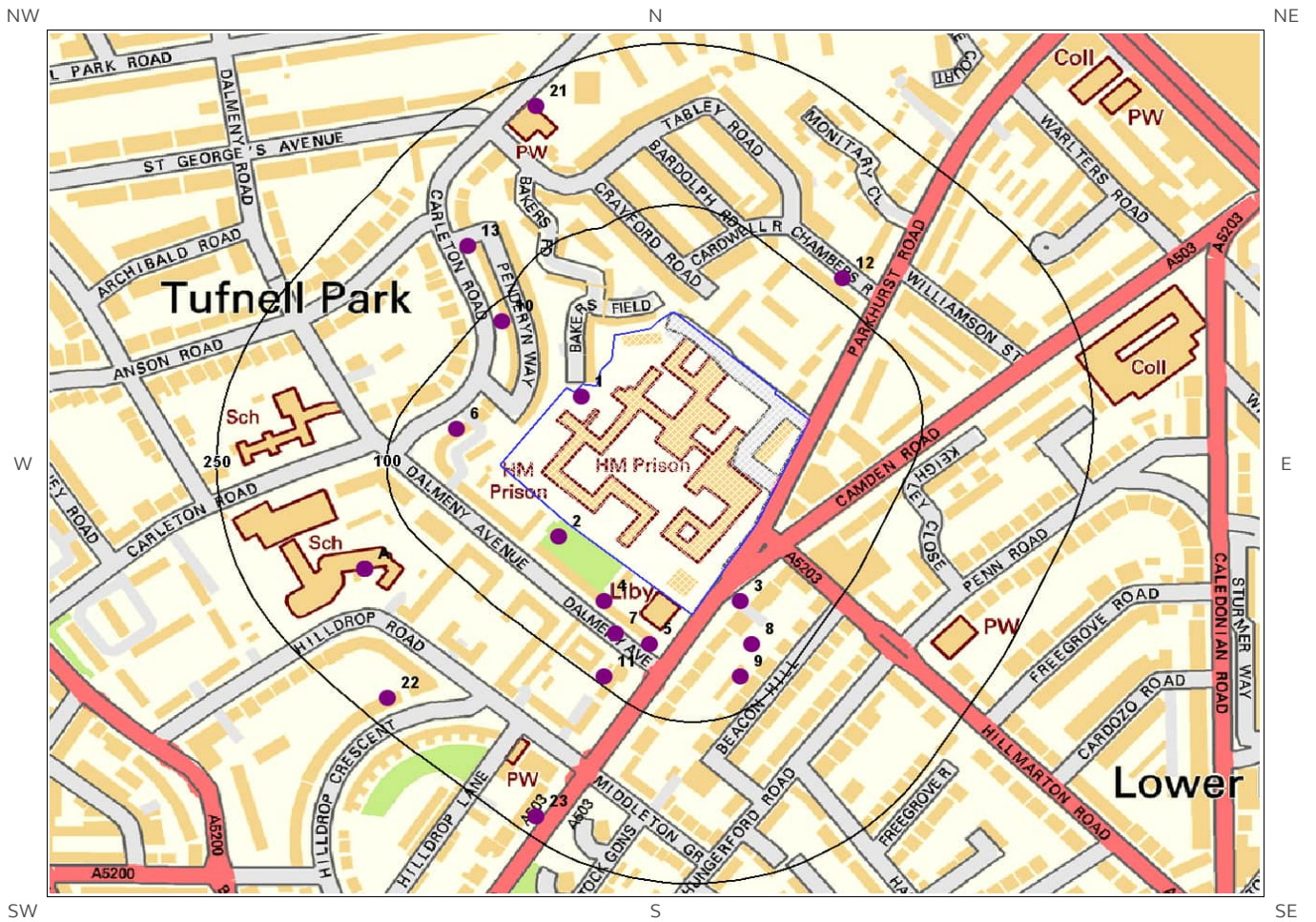
ID	Distance (m)	Direction	Hazard Rating	Details
1	0.0	On Site	Very Low	Deposits with potential to collapse when loaded and saturated are unlikely to be present. No special ground investigation required or increased construction costs or increased financial risk due to potential problems with collapsible deposits.
2	0.0	On Site	Very Low	Deposits with potential to collapse when loaded and saturated are unlikely to be present. No special ground investigation required or increased construction costs or increased financial risk due to potential problems with collapsible deposits.

6.6 Running Sands

The following Running Sands information provided by the British Geological Survey:

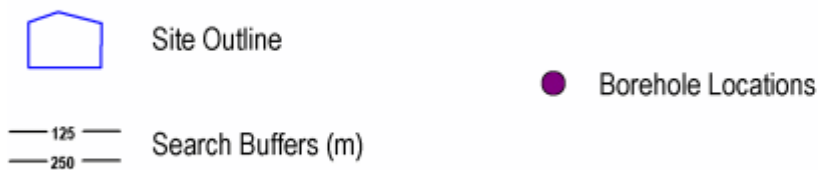
ID	Distance (m)	Direction	Hazard Rating	Details
1	0.0	On Site	Very Low	Very low potential for running sand problems if water table rises or if sandy strata are exposed to water. No special actions required, to avoid problems due to running sand. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with running sand.
2	0.0	On Site	Very Low	Very low potential for running sand problems if water table rises or if sandy strata are exposed to water. No special actions required, to avoid problems due to running sand. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with running sand.

7 Borehole Records map



Borehole Records Legend

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7 Borehole Records

The systematic analysis of data extracted from the BGS Borehole Records database provides the following information.

Records of boreholes within 250m of the study site boundary:

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ID	Distance (m)	Direction	NGR	BGS Reference	Drilled Length	Borehole Name
1	0.0	On Site	530020 185630	TQ38NW5	97.23	CITY PRISON HOLLOWAY
2	15.0	SW	530000 185500	TQ38NW123	53.34	MET WATER BOARD ISLINGTON B33
3	28.0	SE	530160 185440	TQ38NW483	12.19	CAMDEN ROAD 1
4	38.0	SW	530040 185440	TQ38NW285	12.19	HILLDROP ESTATE NO.2 EXTN ISLINGTON BH3
5	46.0	SW	530080 185400	TQ38NW284	12.19	HILLDROP ESTATE NO.2 EXTN ISLINGTON BH2
6	51.0	NW	529910 185600	TQ28NE132	18.29	CARLETON ROAD- TUFNELL PARK BH1
7	56.0	SW	530050 185410	TQ38NW283	12.19	HILLDROP ESTATE NO.2 EXTN ISLINGTON BH1
8	59.0	SE	530170 185400	TQ38NW484	18.29	CAMDEN ROAD 2
9	72.0	SE	530160 185370	TQ38NW485	12.19	CAMDEN ROAD 3
10	84.0	NW	529950 185700	TQ28NE133	18.47	CARLETON ROAD- TUFNELL PARK BH2
11	94.0	SW	530040 185370	TQ38NW297	3.04	HILLDROP ESTATE TH.A- D
12	117.0	NE	530250 185740	TQ38NW124	37	MET WATER BOARD ISLINGTON B34
13	153.0	NW	529920 185770	TQ28NE134	18.29	CARLETON ROAD- TUFNELL PARK BH3
14A	154.0	SW	529830 185470	TQ28NE30/G	4.57	HOLLOWAY COMP SCHOOL ISLINGTON
15A	154.0	SW	529830 185470	TQ28NE30/F	6.09	HOLLOWAY COMP SCHOOL ISLINGTON
16A	154.0	SW	529830 185470	TQ28NE30/D	6.09	HOLLOWAY COMP SCHOOL ISLINGTON
17A	154.0	SW	529830 185470	TQ28NE30/B	6.09	HOLLOWAY COMP SCHOOL ISLINGTON
18A	154.0	SW	529830 185470	TQ28NE30/C	6.09	HOLLOWAY COMP SCHOOL ISLINGTON
19A	154.0	SW	529830 185470	TQ28NE30/A	6.09	HOLLOWAY COMP SCHOOL ISLINGTON
20A	154.0	SW	529830 185470	TQ28NE30/E	6.09	HOLLOWAY COMP SCHOOL ISLINGTON
21	223.0	N	529980 185900	TQ28NE135	18.29	CARLETON ROAD- TUFNELL PARK BH4
22	227.0	SW	529850 185350	TQ28NE149	10	HILLDROP ROAD & CRESCENT 3

ID	Distance (m)	Direction	NGR	BGS Reference	Drilled Length	Borehole Name
23	233.0	SW	529980 185240	TQ28NE146	10	CAMDEN ROAD ISLINGTON 3

The borehole records are available using the hyperlinks below: Please note that if the donor of the borehole record has requested the information be held as commercial-in-confidence, the additional data will be held separately by the BGS and a formal request must be made for its release.

- #1: scans.bgs.ac.uk/sobi_scans/boreholes/845772
- #2: scans.bgs.ac.uk/sobi_scans/boreholes/845893
- #3: scans.bgs.ac.uk/sobi_scans/boreholes/846257
- #4: scans.bgs.ac.uk/sobi_scans/boreholes/846059
- #5: scans.bgs.ac.uk/sobi_scans/boreholes/846058
- #6: scans.bgs.ac.uk/sobi_scans/boreholes/590720
- #7: scans.bgs.ac.uk/sobi_scans/boreholes/846057
- #8: scans.bgs.ac.uk/sobi_scans/boreholes/846258
- #9: scans.bgs.ac.uk/sobi_scans/boreholes/846259
- #10: scans.bgs.ac.uk/sobi_scans/boreholes/590721
- #11: scans.bgs.ac.uk/sobi_scans/boreholes/846071
- #12: scans.bgs.ac.uk/sobi_scans/boreholes/845894
- #13: scans.bgs.ac.uk/sobi_scans/boreholes/590722
- #14A: scans.bgs.ac.uk/sobi_scans/boreholes/590617
- #15A: scans.bgs.ac.uk/sobi_scans/boreholes/590616
- #16A: scans.bgs.ac.uk/sobi_scans/boreholes/590614
- #17A: scans.bgs.ac.uk/sobi_scans/boreholes/590612
- #18A: scans.bgs.ac.uk/sobi_scans/boreholes/590613
- #19A: scans.bgs.ac.uk/sobi_scans/boreholes/590611
- #20A: scans.bgs.ac.uk/sobi_scans/boreholes/590615
- #21: scans.bgs.ac.uk/sobi_scans/boreholes/590723
- #22: scans.bgs.ac.uk/sobi_scans/boreholes/590737
- #23: scans.bgs.ac.uk/sobi_scans/boreholes/590734

8 Estimated Background Soil Chemistry

Records of background estimated soil chemistry within 250m of the study site boundary:

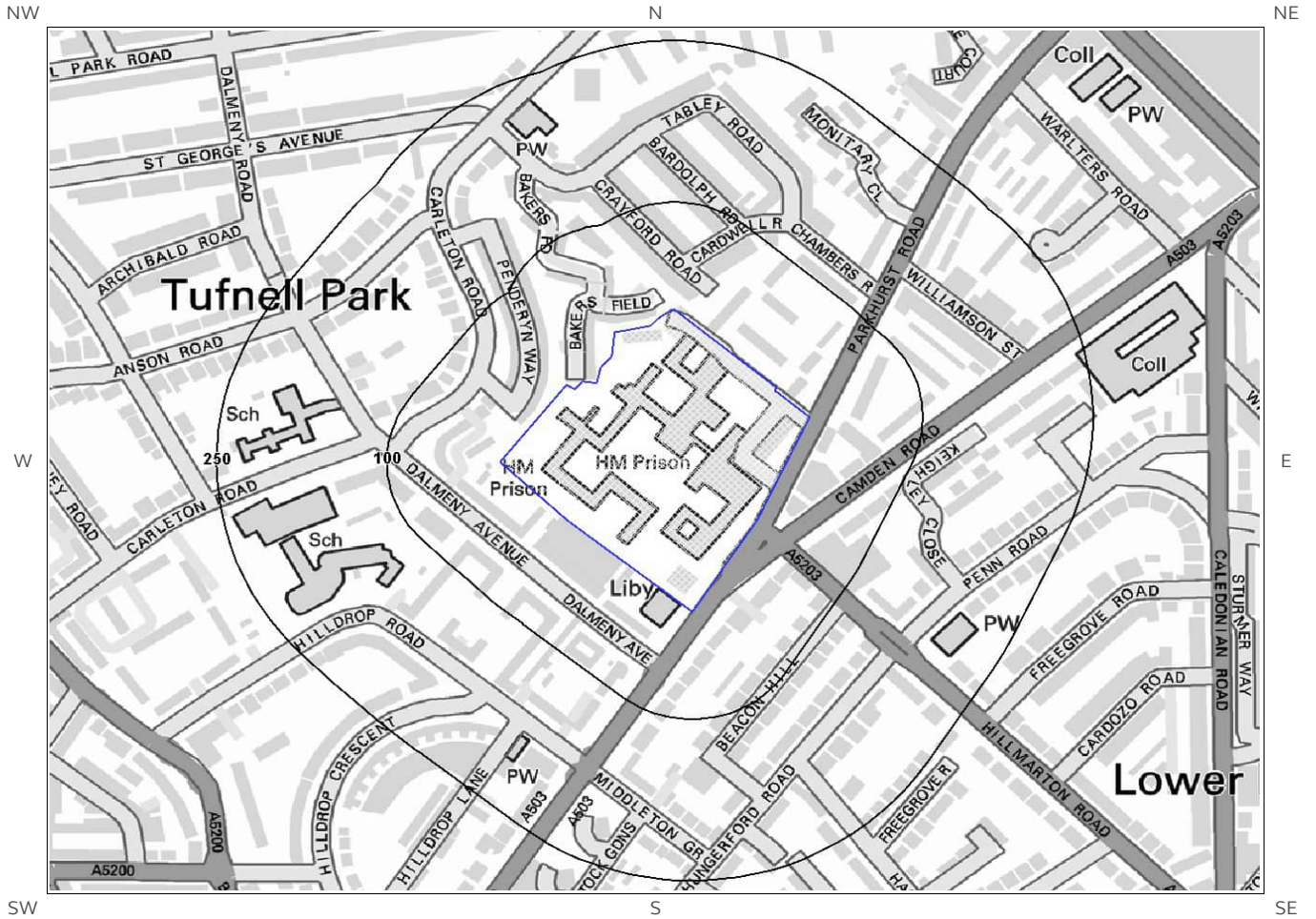
6

For further information on how this data is calculated and limitations upon its use, please see the Groundsure Geo Insight User Guide, available on request.

Distance (m)	Direction	Sample Type	Arsenic (As)	Cadmium (Cd)	Chromium (Cr)	Nickel (Ni)	Lead (Pb)
0.0	On Site	London	No data	No data	No data	No data	No data
0.0	On Site	London	No data	No data	No data	No data	No data
0.0	On Site	London	No data	No data	No data	No data	No data
0.0	On Site	London	No data	No data	No data	No data	No data
15.0	SW	London	No data	No data	No data	No data	No data
15.0	SW	London	No data	No data	No data	No data	No data

*As this data is based upon underlying 1:50,000 scale geological information, a 50m buffer has been added to the search radius.

9 Railways and Tunnels map



Railways and Tunnels Legend

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© OpenStreetMapContributors

- | | | | |
|--|--|--|-------------------------------------|
| | Underground or Partially Underground Railway / Subway System | | Railway Track (OpenStreetMap) |
| | Railway Tunnel (OS Mapping) | | High Speed 2 |
| | Abandoned or Dismantled Railway (OpenStreetMap) | | High Speed 2 Revised Proposed Route |
| | Railway Track (OS Mapping) | | Crossrail 1 |
| | Railway and/or Tunnel Feature from Historical Mapping | | |
-
- | | |
|--|------------------------|
| | Site Outline |
| | 250 Search Buffers (m) |
| | 500 Search Buffers (m) |

9 Railways and Tunnels

9.1 Tunnels

This data is derived from OpenStreetMap and provides information on the possible locations of underground railway systems in the UK - the London Underground, the Tyne & Wear Metro and the Glasgow Subway.

Have any underground railway lines been identified within the study site boundary? No

Have any underground railway lines been identified within 250m of the study site boundary? No

Database searched and no data found.

Any records that have been identified are represented on the Railways and Tunnels map.

This data is derived from Ordnance Survey mapping and provides information on the possible locations of railway tunnels forming part of the UK overground railway network.

Have any other railway tunnels been identified within the site boundary? No

Have any other railway tunnels been identified within 250m of the site boundary? No

Database searched and no data found.

Any records that have been identified are represented on the Railways and Tunnels map.

9.2 Historical Railway and Tunnel Features

This data is derived from Groundsure's unique Historical Land-use Database and contains features relating to tunnels, railway tracks or associated works that have been identified from historical Ordnance Survey mapping.

Have any historical railway or tunnel features been identified within the study site boundary? No

Have any historical railway or tunnel features been identified within 250m of the study site boundary? No

Database searched and no data found.

Any records that have been identified are represented on the Railways and Tunnels map.

9.3 Historical Railways

This data is derived from OpenStreetMap and provides information on the possible alignments of abandoned or dismantled railway lines in proximity to the study site.

Have any historical railway lines been identified within the study site boundary? No

Have any historical railway lines been identified within 250m of the study site boundary? No

Database searched and no data found.

Multiple sections of the same track may be listed in the detail above
Any records that have been identified are represented on the Railways and Tunnels map.

9.4 Active Railways

These datasets are derived from Ordnance Survey mapping and OpenStreetMap and provide information on the possible locations of active railway lines in proximity to the study site.

Have any active railway lines been identified within the study site boundary? No

Have any active railway lines been identified within 250m of the study site boundary? No

Database searched and no data found.

Multiple sections of the same track may be listed in the detail above
Any records that have been identified are represented on the Railways and Tunnels map.

9.5 Railway Projects

These datasets provide information on the location of large scale railway projects High Speed 2 and Crossrail 1 .

Is the study site within 5km of the route of the High Speed 2 rail project? Yes

Is the study site within 500m of the route of the Crossrail 1 rail project? No

Further information on proximity to these routes, the project construction status and associated works can be obtained through the purchase of a Groundsure HS2 and Crossrail 1 Report.

The route data has been digitised from publicly available maps by Groundsure. The route as provided relates to the Crossrail 1 project only, and does not include any details of the Crossrail 2 project, as final details of the route for Crossrail 2 are still under consultation.

Please note that this assessment takes account of both the original Phase 2b proposed route and the amended route proposed in 2016. As the Phase 2b route is still under consultation, Groundsure are providing information on both options until the final route is formally confirmed. Practitioners should take account of this uncertainty when advising clients.

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BGS Geological Hazards Reports and general geological enquiries



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The Coal Authority

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Standard Terms and Conditions

Groundsure's Terms and Conditions can be viewed online at this link:
<https://www.groundsure.com/terms-and-conditions-feb11-2019>



Waterman Infrastructure & Environment
Limited

PICKFORDS WHARF WATERMAN GROUP,
CLINK STREET,
LONDON, SE1 9DG

Groundsure Reference: WTM1-6291217

Your Reference: WIE16172__REQ99932

Report Date 5 Sep 2019

Report Delivery Method: Email - pdf

Enviro Insight

Address: HMP HOLLOWAY, LONDON, N7 0JP

Dear Sir/ Madam,

Thank you for placing your order with Groundsure. Please find enclosed the **Groundsure Enviro Insight** as requested.

If you need any further assistance, please do not hesitate to contact our helpline on 08444 159 000, queries: info@groundsure.com quoting the above report reference number

Yours faithfully,

Waterman

Enc.
Groundsure Enviroinsight

Address: HMP HOLLOWAY, LONDON, N7 0JP
Date: 5 Sep 2019
Reference: WTM1-6291217
Client: Waterman Infrastructure & Environment Limited

NW

N

NE

W

E



SW

S

SE

Aerial Photograph Capture date: 12-Aug-2016
Grid Reference: 530098,185591
Site Size: 4.1162ha

Report Reference: WTM1-6291217
Client Reference: WIE16172__REQ99932

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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	2	24
1.2 Additional Information – Historical Tank Database	0	0	2	2
1.3 Additional Information – Historical Energy Features Database	4	12	51	98
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	12	38	27
1.6 Historical military sites	0	0	0	0
1.7 Potentially Infilled Land	0	0	3	0
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	1	0
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	0	0
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
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	6	14

Section 4: Current Land Use	On-site	0-50m	51-250	251-500
4.1 Current Industrial Sites Data	1	3	12	Not searched
4.2 Records of Petrol and Fuel Sites	0	1	0	0
4.3 National Grid Underground Electricity Cables	1	7	9	17
4.4 National Grid Gas Transmission Pipelines	0	0	0	0

Section 5: Geology	
5.1 Records of Artificial Ground and Made Ground present beneath the study site	None identified
5.2 Records of Superficial Ground and Drift Geology present beneath the study site	None identified
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 Records of Strata Classification in the Superficial Geology within 500m of the study site	None identified					
6.2 Records of Strata Classification in the Bedrock Geology within 500m of the study site	Identified					
	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	12
6.4 Surface Water Abstraction Licences (within 2000m of the study site)	0	0	0	0	0	3
6.5 Potable Water Abstraction Licences (within 2000m of the study site)	0	0	0	0	0	4
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 Environment Agency/Natural Resources Wales information on river quality within 1500m of the study site	No	No	No	No	No	No
6.10 Ordnance Survey MasterMap Water 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 Environment Agency Zone 2 floodplains within 250m of the study site	None identified					
7.2 Environment Agency/Natural Resources Wales Zone 3 floodplains within 250m of the study site	None identified					
7.3 Risk of flooding from Rivers and the Sea (RoFRaS) rating for the study site	Very Low					
7.4 Flood Defences within 250m of the study site	None identified					
7.5 Areas benefiting from Flood Defences within 250m of the study site	None identified					
7.6 Areas used for Flood Storage within 250m of the study site	None identified					
7.7 Maximum BGS Groundwater Flooding susceptibility within 50m of the study site	Not Prone					
7.8 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 Maximum risk of natural ground subsidence	Moderate
9.1.1 Maximum Shrink-Swell hazard rating identified on the study site	Moderate
9.1.2 Maximum Landslides hazard rating identified on the study site	Very Low
9.1.3 Maximum Soluble Rocks hazard rating identified on the study site	Negligible
9.1.4 Maximum Compressible Ground hazard rating identified on the study site	Negligible
9.1.5 Maximum Collapsible Rocks hazard rating identified on the study site	Very Low
9.1.6 Maximum Running Sand hazard rating identified on the study site	Very Low
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 site 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 Coal mining areas within 75m of the study site	None identified
10.2 Non-Coal Mining areas within 50m of the study site boundary	None identified
10.3 Brine affected areas within 75m of the study site	None identified

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 licences, 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.

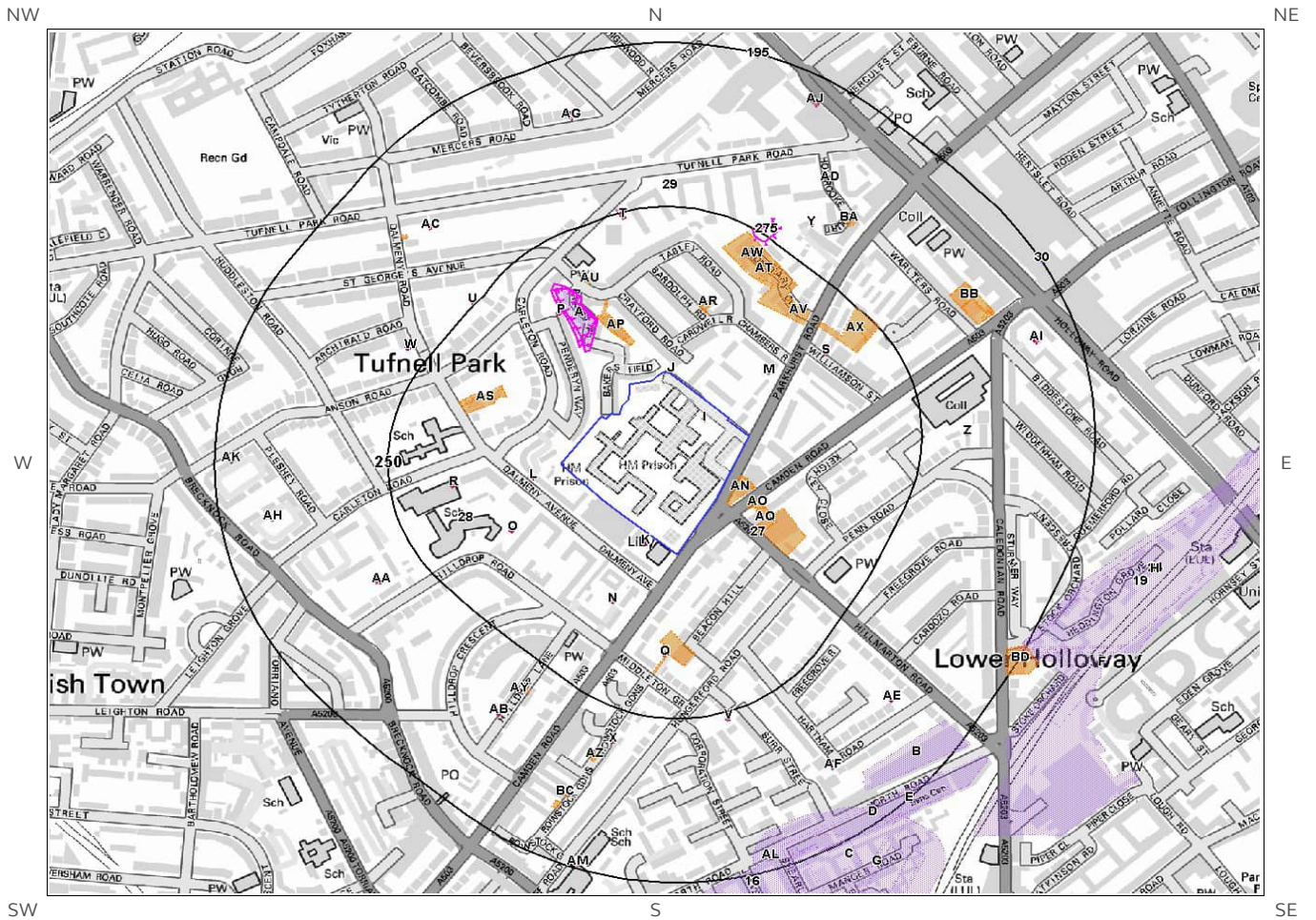
Note: Maps

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).

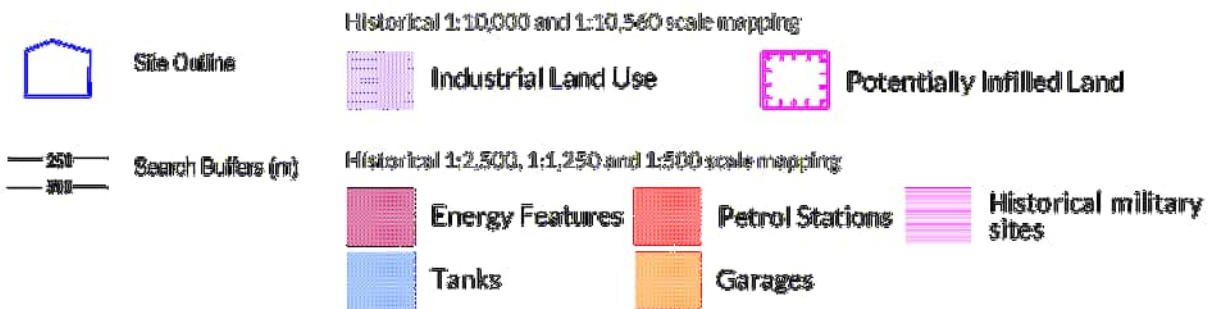
Where a feature is reported in the data tables to a distance greater than the map area, it is noted in the data table as "Not Shown".

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: 26

ID	Distance [m]	Direction	Use	Date
1A	78	NW	Unspecified Heap	1894
2A	92	NW	Unspecified Heap	1949
3B	426	SE	Printing Works	1920
4B	426	SE	Printing Works	1938
5C	437	SE	Abattoirs	1957
6C	437	SE	Abattoirs	1948
7D	465	SE	Unspecified Works	1938
8D	465	SE	Unspecified Works	1920
9E	469	SE	Unspecified Works	1975
10E	469	SE	Unspecified Works	1962
11E	469	SE	Unspecified Works	1982
12E	469	SE	Unspecified Works	1967
13E	469	SE	Unspecified Works	1989
14C	473	S	Abattoirs	1920
15C	473	S	Abattoirs	1938
16	483	S	Cattle Market	1911
17C	487	SE	Abattoirs	1966
18G	488	SE	Slaughter Houses	1894
19	492	SE	Railway Sidings	1982
20F	492	SE	Railway Sidings	1962
21F	492	SE	Railway Sidings	1967
22F	492	SE	Railway Sidings	1975
23H	493	SE	Railway Sidings	1894
24	495	SE	Railway Sidings	1938
25G	497	S	Slaughter Houses	1911
26H	498	SE	Railway Sidings	1920

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:

4

ID	Distance (m)	Direction	Use	Date
27	80	SE	Tank or Trough	1871
28	161	SW	Unspecified Tank	1896
29	276	N	Unspecified Tank	1952
30	497	NE	Unspecified Tank	1896

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:

165

ID	Distance (m)	Direction	Use	Date
31I	0	On Site	Electricity Substation	1952
32I	0	On Site	Electricity Substation	1952
33J	0	NE	Electricity Substation	1998
34J	0	NE	Electricity Substation	1994
35J	1	NE	Electricity Substation	1979
36J	2	NE	Electricity Substation	1991
37J	2	NE	Electricity Substation	1991
38K	13	SW	Electricity Substation	1996
39K	13	SW	Electricity Substation	1991
40K	13	SW	Electricity Substation	1991
41K	13	SW	Electricity Substation	1979
42K	13	SW	Electricity Substation	1975
43L	43	SW	Electricity Substation	1991
44L	43	SW	Electricity Substation	1986
45L	43	SW	Electricity Substation	1973
46L	43	SW	Electricity Substation	1992
47M	88	NE	Electricity Substation	1998
48M	88	NE	Electricity Substation	1994
49M	89	NE	Electricity Substation	1979
50M	89	NE	Electricity Substation	1970
51M	90	NE	Electricity Substation	1991
52M	90	NE	Electricity Substation	1991
53N	112	SW	Electricity Substation	1991
54N	112	SW	Electricity Substation	1979
55N	112	SW	Electricity Substation	1975
56N	112	SW	Electricity Substation	1996
57N	112	SW	Electricity Substation	1991

58O	117	SW	Electricity Substation	1992
59O	117	SW	Electricity Substation	1978
60O	117	SW	Electricity Substation	1955
61O	117	SW	Electricity Substation	1977
62O	117	SW	Electricity Substation	1967
63O	117	SW	Electricity Substation	1952
64O	117	SW	Electricity Substation	1967
65O	117	SW	Electricity Substation	1952
66O	118	SW	Electricity Substation	1991
67O	118	SW	Electricity Substation	1970
68P	142	NW	Electricity Substation	1992
69P	148	NW	Electricity Substation	1973
70P	148	NW	Electricity Substation	1991
71P	148	NW	Electricity Substation	1986
72P	148	NW	Electricity Substation	1986
73Q	151	S	Electricity Substation	1991
74Q	152	S	Electricity Substation	1996
75Q	152	S	Electricity Substation	1991
76Q	152	S	Electricity Substation	1979
77Q	152	S	Electricity Substation	1975
78R	155	W	Electricity Substation	1967
79R	156	W	Electricity Substation	1973
80R	156	W	Electricity Substation	1991
81R	156	W	Electricity Substation	1986
82R	156	W	Electricity Substation	1992
83R	156	W	Electricity Substation	1955
84R	157	W	Electricity Substation	1970
85S	164	NE	Electricity Substation	1998
86S	164	NE	Electricity Substation	1994
87S	166	NE	Electricity Substation	1979
88S	166	NE	Electricity Substation	1991
89S	166	NE	Electricity Substation	1991
90T	238	N	Electricity Substation	1998
91T	238	N	Electricity Substation	1994
92T	239	N	Electricity Substation	1952
93T	239	N	Electricity Substation	1952
94T	239	N	Electricity Substation	1970
95T	239	N	Electricity Substation	1979
96T	250	N	Electricity Substation	1991
97T	250	N	Electricity Substation	1991
98U	252	NW	Electricity Substation	1992
99U	253	NW	Electricity Substation	1991
100U	253	NW	Electricity Substation	1986
101U	253	NW	Electricity Substation	1986
102U	253	NW	Electricity Substation	1973
103V	257	S	Electricity Substation	1991

104V	258	S	Electricity Substation	1975
105V	258	S	Electricity Substation	1979
106V	259	S	Electricity Substation	1996
107V	259	S	Electricity Substation	1991
108W	275	NW	Electricity Substation	1992
109W	275	NW	Electricity Substation	1973
110W	278	NW	Electricity Substation	1991
111W	278	NW	Electricity Substation	1986
112X	297	S	Electricity Substation	1991
113X	298	S	Electricity Substation	1979
114X	298	S	Electricity Substation	1975
115X	299	S	Electricity Substation	1996
116X	299	S	Electricity Substation	1991
117Y	302	NE	Electricity Substation	1998
118Y	302	NE	Electricity Substation	1994
119Y	302	NE	Electricity Substation	1991
120Y	302	NE	Electricity Substation	1991
121Y	303	NE	Electricity Substation	1970
122Y	303	NE	Electricity Substation	1979
123AY	303	SW	Electricity Substation	1875
124Z	313	E	Electricity Substation	1993
125Z	313	E	Electricity Substation	1992
126Z	313	E	Electricity Substation	1994
127Z	313	E	Electricity Substation	1991
128Z	313	E	Electricity Substation	1991
129Z	315	E	Electricity Substation	1973
130Z	315	E	Electricity Substation	1979
131AA	315	SW	Electricity Substation	1967
132AA	315	SW	Electricity Substation	1952
133AA	315	SW	Electricity Substation	1955
134AA	315	SW	Electricity Substation	1977
135AA	315	SW	Electricity Substation	1967
136AA	315	SW	Electricity Substation	1978
137AA	315	SW	Electricity Substation	1952
138AA	315	SW	Electricity Substation	1991
139AA	316	SW	Electricity Substation	1970
140AA	320	SW	Electricity Substation	1992
141AB	348	SW	Electricity Substation	1991
142AB	348	SW	Electricity Substation	1978
143AB	348	SW	Electricity Substation	1977
144AB	350	SW	Electricity Substation	1992
145AC	371	NW	Electricity Substation	1970
146AC	372	NW	Electricity Substation	1992
147AC	372	NW	Electricity Substation	1955
148AC	372	NW	Electricity Substation	1967
149AC	372	NW	Electricity Substation	1986

150AC	372	NW	Electricity Substation	1986
151AC	372	NW	Electricity Substation	1991
152AD	372	NE	Electricity Substation	1998
153AD	372	NE	Electricity Substation	1994
154AD	372	NE	Electricity Substation	1979
155AD	372	NE	Electricity Substation	1970
156AC	372	NW	Electricity Substation	1973
157AD	372	NE	Electricity Substation	1991
158AD	372	NE	Electricity Substation	1991
159AE	378	SE	Electricity Substation	1991
160AE	378	SE	Electricity Substation	1979
161AE	378	SE	Electricity Substation	1975
162AE	378	SE	Electricity Substation	1996
163AE	378	SE	Electricity Substation	1991
164AF	391	SE	Electricity Substation	1991
165AF	392	SE	Electricity Substation	1996
166AF	392	SE	Electricity Substation	1991
167AF	392	SE	Electricity Substation	1979
168AG	404	N	Electricity Substation	1968
169AG	404	N	Electricity Substation	1977
170AG	409	N	Electricity Substation	1991
171AG	409	N	Electricity Substation	1987
172AG	409	N	Electricity Substation	1984
173AG	409	N	Electricity Substation	1968
174AG	410	N	Electricity Substation	1970
175AH	423	W	Electricity Substation	1991
176AH	423	W	Electricity Substation	1978
177AI	434	E	Electricity Substation	1973
178AI	434	E	Electricity Substation	1979
179AI	434	E	Electricity Substation	1993
180AI	434	E	Electricity Substation	1994
181AI	434	E	Electricity Substation	1992
182AI	435	E	Electricity Substation	1991
183AI	435	E	Electricity Substation	1991
184AJ	456	NE	Electricity Substation	1951
185AJ	457	NE	Electricity Substation	1952
186AJ	457	NE	Electricity Substation	1952
187AK	474	W	Electricity Substation	1982
188AK	474	W	Electricity Substation	1991
189AK	475	W	Electricity Substation	1975
190AL	479	S	Electricity Substation	1952
191AL	480	S	Electricity Substation	1952
192AM	492	S	Electricity Substation	1952
193AM	492	S	Electricity Substation	1952
194AM	492	S	Electricity Substation	1952
195	494	N	Electricity Substation	1951

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: 77

ID	Distance (m)	Direction	Use	Date
196AN	14	SE	Garage	1994
197AN	15	SE	Garage	1991
198AN	15	SE	Garage	1991
199AN	17	SE	Garage	1979
200AN	17	SE	Garage	1970
201AN	18	SE	Garage	1998
202AO	46	SE	Garage	1994
203AO	46	SE	Garage	1998
204AO	46	SE	Garage	1991
205AO	46	SE	Garage	1991
206AO	50	SE	Garage	1970
207AO	50	SE	Garage	1979
208AP	57	N	Garage	1994
209AP	57	N	Garage	1998
210AQ	58	SE	Garage	1952
211AQ	58	SE	Garage	1975
212AQ	58	SE	Garage	1979
213AQ	58	SE	Garage	1962
214AO	58	SE	Garage	1991
215AO	58	SE	Garage	1996
216AQ	59	SE	Garage	1991
217AQ	59	SE	Garage	1952
218AP	60	N	Garage	1979
219AP	60	N	Garage	1970
220AP	69	N	Garage	1991
221AP	69	N	Garage	1991

222AR	104	NE	Garages	1952
223AR	105	NE	Garages	1952
224Q	117	S	Garage	1952
225Q	117	S	Garage	1952
226AS	125	NW	Garage	1952
227AS	125	NW	Garage	1955
228AS	125	NW	Garage	1967
229AS	125	NW	Garage	1952
230AS	132	NW	Garage	1970
231AS	155	NW	Garage	1970
232AS	158	NW	Garage	1952
233AS	158	NW	Garage	1955
234AS	158	NW	Garage	1967
235AS	158	NW	Garage	1952
236AT	163	NE	Coach Garage	1952
237AU	163	N	Garage	1952
238AT	164	NE	Coach Garage	1952
239AU	167	N	Garage	1952
240AV	173	NE	Garage	1979
241AV	173	NE	Garage	1970
242AW	188	NE	Coach Garage	1970
243AW	188	NE	Garage	1979
244AX	189	NE	Store and Garages	1952
245AX	222	NE	Store and Garages	1952
246AY	293	SW	Garage	1952
247AY	293	SW	Garage	1952
248AZ	325	S	Garage	1952
249AZ	325	S	Garage	1952
250BA	336	NE	Garage	1952
251BA	336	NE	Garage	1952
252BB	360	NE	Garage	1973
253BB	360	NE	Garage	1952
254BB	360	NE	Garage	1952
255BB	360	NE	Garage	1952
256BB	363	NE	Garage	1952
257BB	363	NE	Garage	1979
258BB	363	NE	Garage	1973
259BB	363	NE	Garage	1952
260BB	363	NE	Garage	1952
261BB	364	NE	Garage	1994
262BB	364	NE	Garage	1992
263BB	364	NE	Garage	1993
264BB	364	NE	Garage	1991
265BB	364	NE	Garage	1991
266AC	389	NW	Garage	1952
267BC	398	SW	Garage	1952

268BC	399	SW	Garage	1952
269BC	413	SW	Garage	1952
270BC	413	SW	Garage	1952
271BD	476	SE	Garage	1979
272BD	476	SE	Garage	1963

1.6 Historical military sites

Certain military installations were not noted on historic mapping for security reasons. Whilst not all military land is necessarily of concern, Groundsure has researched and digitised a number of Ordnance Factories and other military industrial features (e.g. Ordnance Depots, Munitions Testing Grounds) which may be of contaminative concern. This research was drawn from a number of different sources, and should not be regarded as a definitive or exhaustive database of potentially contaminative military installations. The boundaries of sites within this database have been estimated from the best evidence available to Groundsure at the time of compilation.

Records of historical military sites within 500m of the search boundary: 0

Database searched and no data found.

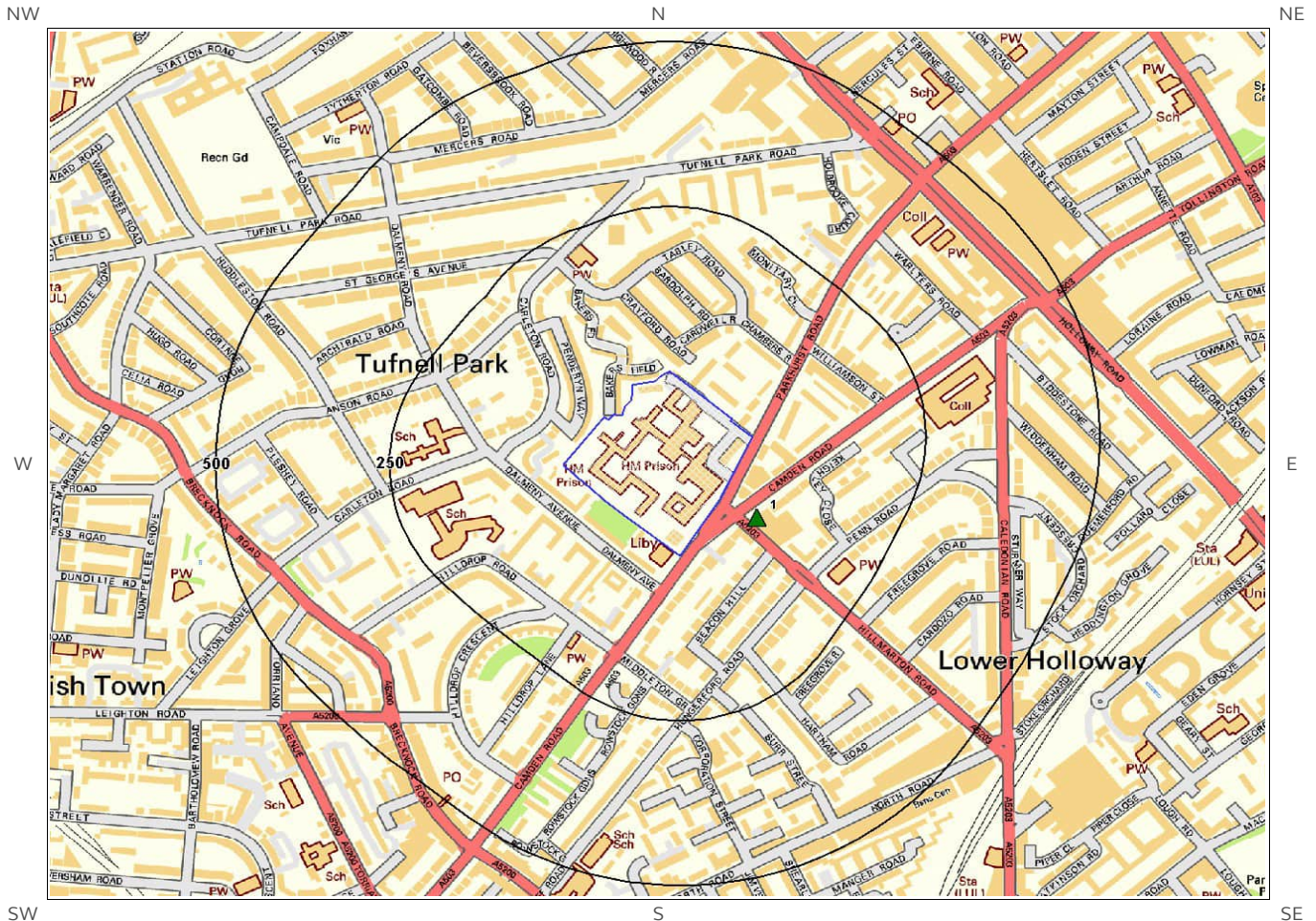
1.7 Potentially Infilled Land

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
273A	78	NW	Unspecified Heap	1894
274A	92	NW	Unspecified Heap	1949
275	240	NE	Pond	1869

2. Environmental Permits, Incidents and Registers Map



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- | | | | | | |
|---|-------------------------------|---|--|---|---|
|  | Site Outline |  | Recorded Pollution Incident |  | RAS 3 & 4 Authorisations |
|  | Dangerous Substances (List 1) |  | Part A(1) Authorised Processes and Historic IPC Authorisations |  | Part A(2) and Part B Authorised Processes |
|  | Dangerous Substances (List 2) |  | Water Industry Referrals |  | COMAH / NIHHS Sites |
|  | Search Buffers (m) |  | Licensed Discharge Consents |  | Sites Determined as Contaminated Land |
|  | |  | Red List Discharge Consents |  | Hazardous Substance Consents and Enforcements |

2. Environmental Permits, Incidents and Registers

2.1 Industrial Sites Holding Licences and/or Authorisations

Searches of information provided by the Environment Agency/Natural Resources Wales and Local Authorities reveal the following information:

2.1.1 Records of historic IPC Authorisations within 500m of the study site:

0

Database searched and no data found.

2.1.2 Records of Part A(1) and IPPC Authorised Activities within 500m of the study site:

0

Database searched and no data found.

2.1.3 Records of Red List Discharge Consents (potentially harmful discharges to controlled waters) within 500m of the study site:

0

Database searched and no data found.

2.1.4 Records of List 1 Dangerous Substances Inventory Sites within 500m of the study site:

0

Database searched and no data found.

2.1.5 Records of List 2 Dangerous Substance Inventory Sites within 500m of the study site:

0

Database searched and no data found.

2.1.6 Records of Part A(2) and Part B Activities and Enforcements within 500m of the study site:

1

The following Part A(2) and Part B Activities are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details
1	61	SE	530228 185484	Address: Exan Coachworks, 392 Camden Road, N7 0SJ Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified

2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations:

0

Database searched and no data found.

2.1.8 Records of Licensed Discharge Consents within 500m of the study site:

0

Database searched and no data found.

2.1.9 Records of Water Industry Referrals (potentially harmful discharges to the public sewer) within 500m of the study site:

0

Database searched and no data found.

2.1.10 Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site:

0

Database searched and no data found.

2.2 Dangerous or Hazardous Sites

Records of COMAH & NIHHS sites within 500m of the study site:

0

Database searched and no data found.

2.3 Environment Agency/Natural Resources Wales Recorded Pollution Incidents

2.3.1 Records of National Incidents Recording System, List 2 within 500m of the study site:

0

Database searched and no data found.

2.3.2 Records of National Incidents Recording System, List 1 within 500m of the study site:

0

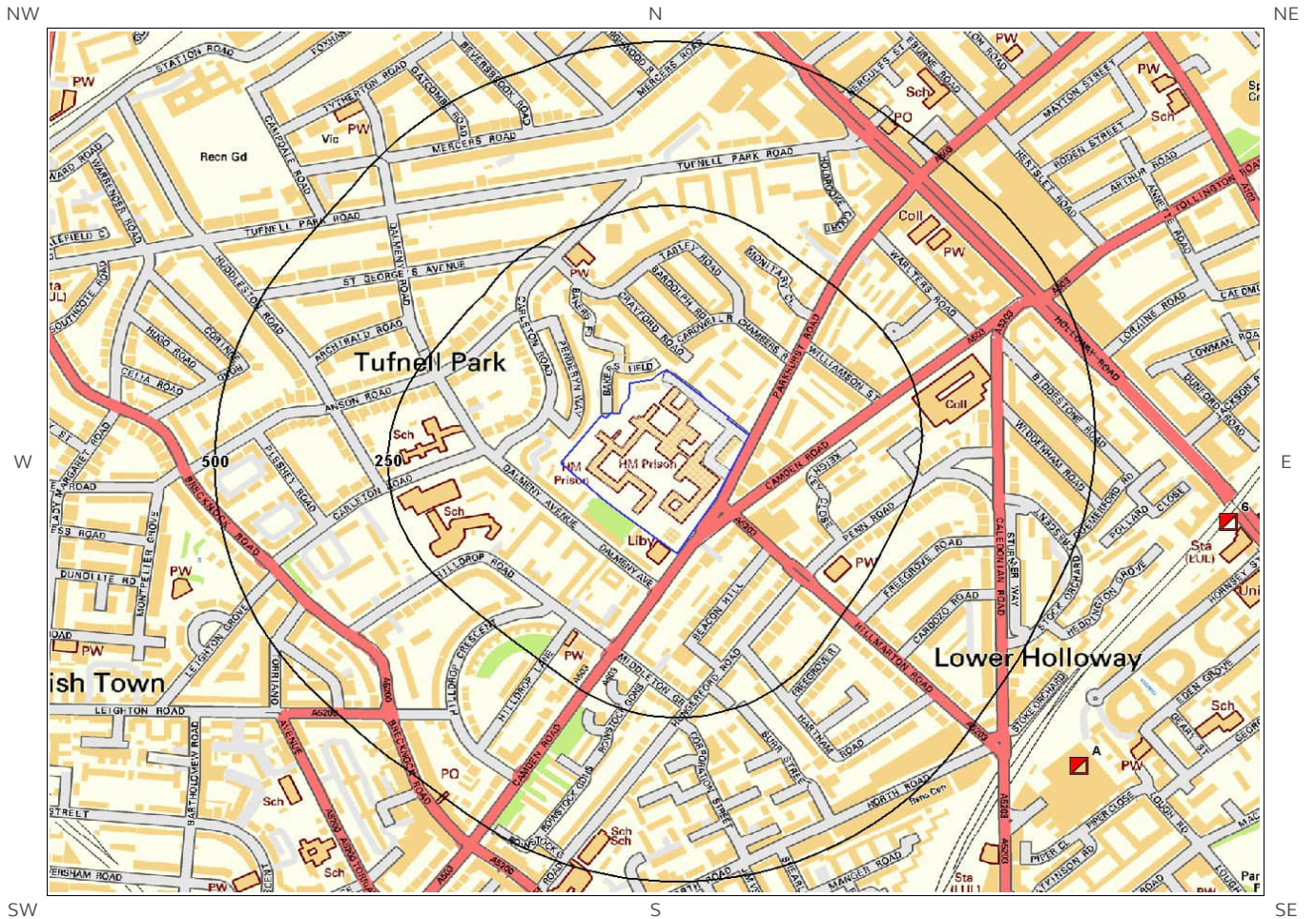
Database searched and no data found.

2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990










Records of sites determined as contaminated land under Section 78R of the Environmental Protection Act 1990 are there within 500m of the study site 0

Database searched and no data found.

3. Landfill and Other Waste Sites Map



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-  Site Outline
-  EA/NRW Active Landfill
-  Historic and Planned Waste Sites
-  EA/NRW Historic Landfill
-  EA/NRW Licensed Waste Site
-  BGS / DoE Survey Landfill
-  Local Authority/Historical Mapping Landfill Records
-  250 Search Buffers (m)
-  500 Search Buffers (m)

3. Landfill and Other Waste Sites

3.1 Landfill Sites

3.1.1 Records from Environment Agency/Natural Resources Wales landfill data within 1000m of the study site:

0

Database searched and no data found.

3.1.2 Records of Environment Agency/Natural Resources Wales historic landfill sites within 1500m of the study site:

1

The following landfill records are represented as either points or polygons on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Details
Not shown	1009	N		Site Address: Mitford Road, Finsbury Park Waste Licence: - Site Reference: - Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: 31-Dec-1993 Last Recorded: 31-Dec-1994

3.1.3 Records of BGS/DoE non-operational landfill sites within 1500m of the study site:

0

Database searched and no data found.

3.1.4 Records of Landfills from Local Authority and Historical Mapping Records within 1500m of the study site:

0

Database searched and no data found.

3.2 Other Waste Sites

3.2.1 Records of waste treatment, transfer or disposal sites within 500m of the study site:

0

Database searched and no data found.

3.2.2 Records of Environment Agency/Natural Resources Wales licensed waste sites within 1500m of the study site:

20

The following waste treatment, transfer or disposal sites records are represented as points on the Landfill and Other Waste Sites map:

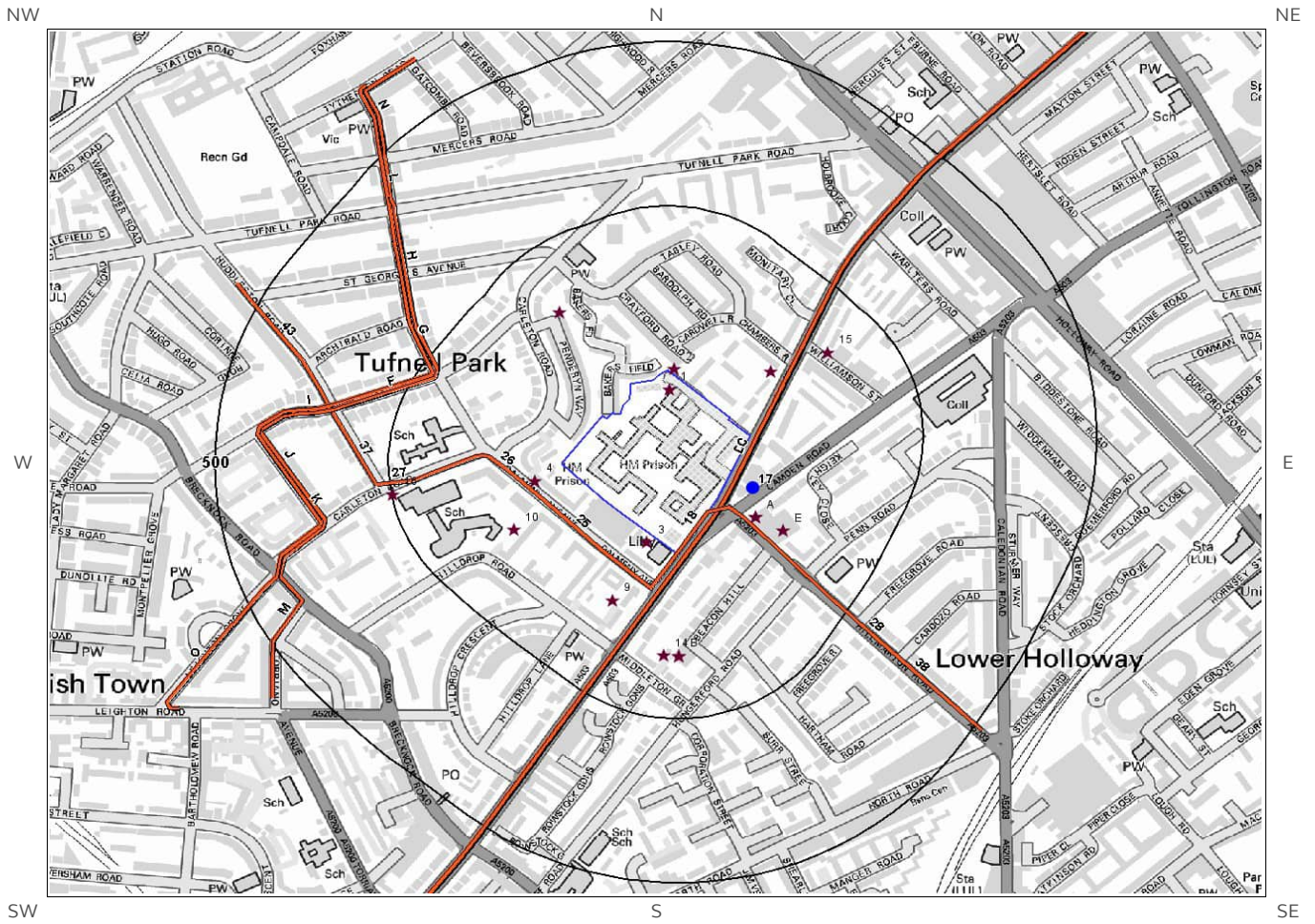
ID	Distance (m)	Direction	NGR	Details
2A	662	SE	530698 185105	<p>Site Address: 40, Hornsey Street, Islington, London, N7 8HU Type: Household Waste Amenity Site Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LON261 EPR reference: EA/EPR/HB3132RH/T001 Operator: LondonWaste Ltd Waste Management licence No: 80576 Annual Tonnage: 24999.0</p> <p>Issue Date: 20/03/2003 Effective Date: 18/05/2012 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Hornsey Street Re-use & Recycling Centre Correspondence Address: -</p>
3A	662	SE	530698 185105	<p>Site Address: 40, Hornsey Street, Islington, London, N7 8HU Type: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LON010 EPR reference: EA/EPR/CP3497NL/A001 Operator: LondonWaste Ltd Waste Management licence No: 80577 Annual Tonnage: 75000.0</p> <p>Issue Date: 05/03/2003 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Hornsey Street Waste & Recycling Centre Correspondence Address: -</p>
4A	662	SE	530698 185105	<p>Site Address: 40, Hornsey Street, Islington, London, N7 8HU Type: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LON010 EPR reference: EA/EPR/CP3497NL/V002 Operator: Londonenergy Ltd Waste Management licence No: 80577 Annual Tonnage: 75000.0</p> <p>Issue Date: 05/03/2003 Effective Date: - Modified: 28/09/2017 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Hornsey Street Waste & Recycling Centre Correspondence Address: -</p>
5A	662	SE	530698 185105	<p>Site Address: 40, Hornsey Street, Islington, London, N7 8HU Type: Household Waste Amenity Site Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LON261 EPR reference: EA/EPR/HB3132RH/V003 Operator: Londonenergy Ltd Waste Management licence No: 80576 Annual Tonnage: 24999.0</p> <p>Issue Date: 20/03/2003 Effective Date: 18/05/2012 Modified: 05/02/2019 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Hornsey Street Re-use & Recycling Centre Correspondence Address: -</p>
6	705	E	530914	<p>Site Address: 40, Hornsey Street, Islington,</p> <p>Issue Date: 20/03/2003</p>

ID	Distance (m)	Direction	NGR	Details
			185477	<p>London, N7 8HU Type: Household Waste Amenity Site Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ISL003 EPR reference: EA/EPR/CP3897NF/A001 Operator: The Mayor and Burgess of The London Borough of Islington Waste Management licence No: 80576 Annual Tonnage: 24999.0</p> <p>Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Hornsey Street Re-use & Recycling Centre Correspondence Address: -</p>
Not shown	996	E	531216 185554	<p>Site Address: Queensland Road, Islington, London, N1 Type: Metal Recycling Site (mixed MRS's) Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ISL004 EPR reference: EA/EPR/ZP3297NJ/S002 Operator: The Mayor And Burgess of The London Borough of Islington Waste Management licence No: 80589 Annual Tonnage: 30000.0</p> <p>Issue Date: 30/03/2004 Effective Date: - Modified: - Surrendered Date: Feb 9 2005 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Queensland Road Recyclables Correspondence Address: -</p>
Not shown	1007	E	531216 185764	<p>Site Address: Mike Cosy, Ashburton Grove Transfer Station, Islington, London, N7 7AA Type: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LON004 EPR reference: - Operator: LondonWaste Limited Waste Management licence No: 80336 Annual Tonnage: 0.0</p> <p>Issue Date: 27/07/1990 Effective Date: - Modified: 16/05/2003 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Londonwaste, Ashburton Grove Correspondence Address: LondonWaste Ltd, London Waste Limited, Advent Way, Edmonton, London, N18 3AG</p>
Not shown	1009	E	531224 185722	<p>Site Address: Mike Cosy, Ashburton Grove Transfer Station, Islington, London, N7 7AA Type: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LON004 EPR reference: EA/EPR/AP3191NG/S007 Operator: LondonWaste Ltd Waste Management licence No: 80336 Annual Tonnage: 236880.0</p> <p>Issue Date: 27/07/1990 Effective Date: - Modified: 29/06/1999 Surrendered Date: Aug 13 2004 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: LondonWaste, Ashburton Grove Correspondence Address: -</p>
Not shown	1024	E	531245 185613	<p>Site Address: Cormac Stokes, Islington Recycling Centre, Queensland Place, Islington, London, N7 Type: Household Waste Amenity Site Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ISL001 EPR reference: EA/EPR/EP3691NY/S003 Operator: Islington London Borough Council Waste Management licence No: 80304 Annual Tonnage: 9291.0</p> <p>Issue Date: 16/03/1990 Effective Date: - Modified: 30/11/1993 Surrendered Date: Jun 8 2004 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Islington Recycling Centre, N7 Correspondence Address: -</p>
Not shown	1073	E	531285 185748	<p>Site Address: N Egan, Ashburton Grove, Islington, London, N7 7AA Type: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MCG003 EPR reference: EA/EPR/VP3991ND/S002 Operator: McGovern Brothers (Haulage)</p> <p>Issue Date: 09/03/1993 Effective Date: - Modified: - Surrendered Date: Jun 24 2004 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: McGovern Brothers, Ashburton Grove</p>

ID	Distance (m)	Direction	NGR	Details	
				Ltd Waste Management licence No: 80309 Annual Tonnage: 95740.0	Correspondence Address: -
Not shown	1073	E	531285 185748	Site Address: N Egan, Ashburton Grove, Islington, London, N7 7AA Type: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MCG003 EPR reference: - Operator: Mc Govern Brothers (Haulage) Ltd Waste Management licence No: 80309 Annual Tonnage: 0.0	Issue Date: 09/03/1993 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Mc Govern Brothers, Ashburton Grove Correspondence Address: Mc Govern Brothers (Haulage) Limited, 32, Dudden Hill Lane, Willesden, London, NW10 2ER
Not shown	1084	E	531295 185759	Site Address: A Roberts, Ashburton Depot, Ashburton Grove, Islington, London, N7 7AA Type: Special Waste Transfer Station Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CAX001 EPR reference: - Operator: Caxton Islington Limited Waste Management licence No: 80305 Annual Tonnage: 0.0	Issue Date: 12/04/1994 Effective Date: 20/12/2001 Modified: 18/12/2001 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Ashburton Grove, Islington N7 Correspondence Address: John Judge, Ashburton Depot, Ashburton Grove, Islington, London, N7 7AA
Not shown	1084	E	531295 185759	Site Address: A Roberts, Ashburton Depot, Ashburton Grove, Islington, London, N7 7AA Type: Special Waste Transfer Station Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CAX001 EPR reference: EA/EPR/EP3191NF/S005 Operator: Caxton Islington Ltd Waste Management licence No: 80305 Annual Tonnage: 72.0	Issue Date: 12/04/1994 Effective Date: 20/12/2001 Modified: 18/12/2001 Surrendered Date: Mar 15 2004 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Ashburton Grove, Islington N7 Correspondence Address: -
Not shown	1108	E	531329 185594	Site Address: Brian Brewster, 2, Emily Place, Islington, London, N7 7DQ Type: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BRE003 EPR reference: EA/EPR/AP3491NZ/S003 Operator: Brian Leonard Brewster Waste Management licence No: 80333 Annual Tonnage: 78732.0	Issue Date: 19/12/1991 Effective Date: - Modified: 04/05/1995 Surrendered Date: Dec 2 2004 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Brewsters, Emily Place Correspondence Address: -
Not shown	1283	W	528726 185181	Site Address: Camden London Borough Council, Recycling Centre, Regis Road, Kentish Town, London, NW5 3EP Type: Household Waste Amenity Site Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LWL001 EPR reference: EA/EPR/GB3230DW/T001 Operator: LondonWaste Ltd Waste Management licence No: 80349 Annual Tonnage: 7793.0	Issue Date: 10/12/1996 Effective Date: 11/05/2012 Modified: 25/01/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Regis Road Recycling Centre Correspondence Address: -
Not shown	1283	W	528726 185181	Site Address: Camden London Borough Council, Recycling Centre, Regis Road, Kentish Town, London, NW5 3EW Type: Household Waste Amenity Site Size: < 25000 tonnes Environmental Permitting Regulations	Issue Date: 10/12/1996 Effective Date: 11/05/2012 Modified: 28/09/2017 Surrendered Date: - Expiry Date: - Cancelled Date: -

ID	Distance (m)	Direction	NGR	Details	
				(Waste) Licence Number: LWL001 EPR reference: EA/EPR/GB3230DW/V002 Operator: Londonenergy Ltd Waste Management licence No: 80349 Annual Tonnage: 7793.0	Status: Modified Site Name: Regis Road Recycling Centre Correspondence Address: -
Not shown	1283	W	528740 185138	Site Address: Camden London Borough Council, Recycling Centre, Regis Road, Kentish Town, London, NW5 3EP Type: Household Waste Amenity Site Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CAM001 EPR reference: EA/EPR/DP3091NK/V003 Operator: Camden London Borough Council Waste Management licence No: 80349 Annual Tonnage: 7793.0	Issue Date: 10/12/1996 Effective Date: - Modified: 25/01/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Regis Road Recycling Centre Correspondence Address: -
Not shown	1283	W	528740 185138	Site Address: Camden London Borough Council, Recycling Centre, Regis Road, Kentish Town, London, NW5 3EP Type: Household Waste Amenity Site Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LWL001 EPR reference: EA/EPR/GB3230DW/T001 Operator: Londonwaste Limited Waste Management licence No: 80349 Annual Tonnage: 7793.0	Issue Date: 10/12/1996 Effective Date: 11/05/2012 Modified: 25/01/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Regis Road Recycling Centre Correspondence Address: -
Not shown	1445	S	529900 184000	Site Address: R Wiles, 1-2 Engineers Cottages, York Way, London, N1 0BA Type: Metal Recycling Site (mixed MRS's) Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: YOR001 EPR reference: - Operator: York Way Metals Ltd Waste Management licence No: 80341 Annual Tonnage: 10400.0	Issue Date: 11/11/1996 Effective Date: - Modified: - Surrendered Date: 29/10/1999 Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: York Way Metals, N1 Correspondence Address: York Way Metals Ltd, 1-2 Engineers Cottages, York Way, London, N1 0BA
Not shown	1445	S	529900 184000	Site Address: R Wiles, 1-2 Engineers Cottages, York Way, London, N1 0BA Type: Metal Recycling Site (mixed MRS's) Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: YOR001 EPR reference: EA/EPR/RP3591NK/S003 Operator: York Way Metals Ltd Waste Management licence No: 80341 Annual Tonnage: 10974.0	Issue Date: 11/11/1996 Effective Date: - Modified: - Surrendered Date: Oct 29 1999 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: York Way Metals, N1 Correspondence Address: -

4. Current Land Use Map



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-  Site Outline
-  Current Industrial Sites
-  Electricity Transmission Cables
-  Search Buffers (m)
-  Petrol & Fuel Sites
-  Gas Transmission Pipelines

4. Current Land Uses

4.1 Current Industrial Data

Records of potentially contaminative industrial sites within 250m of the study site:

16

The following records are represented as points on the Current Land Uses map.

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
1	0	On Site	Chimney	530105 185680	Greater London, N7	Chimneys	Industrial Features
2	7	NE	Electricity Sub Station	530111 185711	Greater London, N7	Electrical Features	Infrastructure and Facilities
3	13	SW	Electricity Sub Station	530072 185447	Greater London, N7	Electrical Features	Infrastructure and Facilities
4	47	SW	Electricity Sub Station	529910 185541	Greater London, N7	Electrical Features	Infrastructure and Facilities
5A	61	SE	Exan Coachworks	530228 185485	392, Camden Road, London, Greater London, N7 0SJ	Vehicle Repair, Testing and Servicing	Repair and Servicing
6A	61	SE	Exan	530228 185485	392, Camden Road, London, Greater London, N7 0SJ	Vehicle Repair, Testing and Servicing	Repair and Servicing
7	91	NE	Electricity Sub Station	530250 185707	Greater London, N7	Electrical Features	Infrastructure and Facilities
8E	106	SE	Depot	530269 185465	Greater London, N7	Container and Storage	Transport, Storage and Delivery
9	113	SW	Electricity Sub Station	530022 185359	Greater London, N7	Electrical Features	Infrastructure and Facilities
10	121	SW	Electricity Sub Station	529880 185466	Greater London, N7	Electrical Features	Infrastructure and Facilities
11	150	NW	Electricity Sub Station	529946 185797	Greater London, N7	Electrical Features	Infrastructure and Facilities
12B	154	S	Torquing BHP	530118 185274	2, Middleton Mews, London, Greater London, N7 9LT	Vehicle Repair, Testing and Servicing	Repair and Servicing
13B	154	S	F & G Car Services Ltd	530118 185273	2-3, Middleton Mews, London, Greater London, N7 9LT	Vehicle Repair, Testing and Servicing	Repair and Servicing
14	155	S	Electricity Sub Station	530096 185275	Greater London, N7	Electrical Features	Infrastructure and Facilities
15	169	NE	Electricity Sub Station	530333 185736	Greater London, N7	Electrical Features	Infrastructure and Facilities
16	248	W	Electricity Sub Station	529706 185520	Greater London, N7	Electrical Features	Infrastructure and Facilities

4.2 Petrol and Fuel Sites

Records of petrol or fuel sites within 500m of the study site:

1

The following petrol or fuel site records provided by Catalist are represented as points on the Current Land Use map:

ID	Distance (m)	Direction	NGR	Company	Address	LPG	Status
17	38	SE	530225 185529	OBSOLETE	Camden Road, Holloway, London, Inner London, N7 0SH	Not Applicable	Obsolete

4.3 National Grid High Voltage Underground Electricity Transmission Cables

This dataset identifies the high voltage electricity transmission lines running between generating power plants and electricity substations. The dataset does not include the electricity distribution network (smaller, lower voltage cables distributing power from substations to the local user network). This information has been extracted from databases held by National Grid and is provided for information only with no guarantee as to its completeness or accuracy. National Grid do not offer any warranty as to the accuracy of the available data and are excluded from any liability for any such inaccuracies or errors.

Records of National Grid high voltage underground electricity transmission cables within 500m of the study site:

34

The following Underground Electricity Transmission Cable records are represented as linear features on the Current Land Use map:

ID	Distance (m)	Direction	Details	
18	0	On Site	Cable Set: DC DECOMMISSIONED CABLE SECTION 07 Cable Route: FINCHLEY - ISLINGTON Cable Make: -	Cable Type: CBL_UNKNOWN Operating Voltage (kV): 66 Year of installation: 0 Cable in tunnel: -
19C	8	SE	Cable Set: HIGHBURY - ST JOHNS WD 1 CABLE 1 SECT 01 Cable Route: HIGHBURY - ST JOHNS WOOD 1 Cable Make: -	Cable Type: - Operating Voltage (kV): 0 Year of installation: 0 Cable in tunnel: -
20C	8	SE	Cable Set: HIGHBURY - ST JOHNS WD 2 CABLE 1 SECT 01 Cable Route: HIGHBURY - ST JOHNS WOOD 2 Cable Make: -	Cable Type: - Operating Voltage (kV): 0 Year of installation: 0 Cable in tunnel: -
21D	9	SE	Cable Set: CABLE SECTION 01 Cable Route: HIGHBURY - ISLINGTON 1 Cable Make: -	Cable Type: A/C Operating Voltage (kV): 132 Year of installation: 0 Cable in tunnel: -
22D	9	SE	Cable Set: CABLE SECTION 01 Cable Route: HIGHBURY - ISLINGTON 2 Cable Make: -	Cable Type: A/C Operating Voltage (kV): 132 Year of installation: 0 Cable in tunnel: -
23D	10	SE	Cable Set: CABLE SECTION 01 Cable Route: HIGHBURY - ISLINGTON 4 Cable Make: -	Cable Type: A/C Operating Voltage (kV): 132 Year of installation: 0 Cable in tunnel: -
24E	31	SE	Cable Set: DC DECOMMISSIONED CABLE SECTION 06 Cable Route: FINCHLEY - ISLINGTON	Cable Type: CBL_UNKNOWN Operating Voltage (kV): 66 Year of installation: 0

ID	Distance (m)	Direction	Details	
			Cable Make: -	Cable in tunnel: -
25	32	SW	Cable Set: DC DECOMMISSIONED CABLE SECTION 08 Cable Route: FINCHLEY - ISLINGTON Cable Make: -	Cable Type: CBL_UNKNOWN Operating Voltage (kV): 66 Year of installation: 0 Cable in tunnel: -
26	58	SW	Cable Set: DC DECOMMISSIONED CABLE SECTION 09 Cable Route: FINCHLEY - ISLINGTON Cable Make: -	Cable Type: CBL_UNKNOWN Operating Voltage (kV): 66 Year of installation: 0 Cable in tunnel: -
27	195	W	Cable Set: DC DECOMMISSIONED CABLE SECTION 10 Cable Route: FINCHLEY - ISLINGTON Cable Make: -	Cable Type: CBL_UNKNOWN Operating Voltage (kV): 66 Year of installation: 0 Cable in tunnel: -
28	216	SE	Cable Set: DC DECOMMISSIONED CABLE SECTION 05 Cable Route: FINCHLEY - ISLINGTON Cable Make: -	Cable Type: CBL_UNKNOWN Operating Voltage (kV): 66 Year of installation: 0 Cable in tunnel: -
29F	225	NW	Cable Set: CABLE SECT 43 Cable Route: ST JOHNS WOOD - TOTTENHAM 2 Cable Make: BICC 275KV OIL	Cable Type: A/C Operating Voltage (kV): 275 Year of installation: 1965 Cable in tunnel: N
30F	226	NW	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
31G	232	NW	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
32G	233	NW	Cable Set: CABLE SECT 42 Cable Route: ST JOHNS WOOD - TOTTENHAM 1 Cable Make: BICC 275KV OIL	Cable Type: A/C Operating Voltage (kV): 275 Year of installation: 1965 Cable in tunnel: N
33H	249	NW	Cable Set: CABLE SECT 42 Cable Route: ST JOHNS WOOD - TOTTENHAM 2 Cable Make: BICC 275KV OIL	Cable Type: A/C Operating Voltage (kV): 275 Year of installation: 1965 Cable in tunnel: N
34H	249	NW	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
35I	264	NW	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
36I	264	NW	Cable Set: CABLE SECT 43 Cable Route: ST JOHNS WOOD - TOTTENHAM 1 Cable Make: BICC 275KV OIL	Cable Type: A/C Operating Voltage (kV): 275 Year of installation: 1965 Cable in tunnel: N
37	270	W	Cable Set: DC DECOMMISSIONED CABLE SECTION 11 Cable Route: FINCHLEY - ISLINGTON Cable Make: -	Cable Type: CBL_UNKNOWN Operating Voltage (kV): 66 Year of installation: 0 Cable in tunnel: -
38	309	SE	Cable Set: DC DECOMMISSIONED CABLE SECTION 04 Cable Route: FINCHLEY - ISLINGTON Cable Make: -	Cable Type: CBL_UNKNOWN Operating Voltage (kV): 66 Year of installation: 0 Cable in tunnel: -
39J	353	W	Cable Set: CABLE SECT 44 Cable Route: ST JOHNS WOOD - TOTTENHAM 2 Cable Make: BICC 275KV OIL	Cable Type: A/C Operating Voltage (kV): 275 Year of installation: 1965

ID	Distance (m)	Direction	Details	
				Cable in tunnel: N
40J	353	W	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
41K	359	W	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
42K	360	W	Cable Set: CABLE SECT 44 Cable Route: ST JOHNS WOOD - TOTTENHAM 1 Cable Make: BICC 275KV OIL	Cable Type: A/C Operating Voltage (kV): 275 Year of installation: 1965 Cable in tunnel: N
43	363	W	Cable Set: DC DECOMMISSIONED CABLE SECTION 12 Cable Route: FINCHLEY - ISLINGTON Cable Make: -	Cable Type: CBL_UNKNOWN Operating Voltage (kV): 66 Year of installation: 0 Cable in tunnel: -
44L	398	NW	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
45L	398	NW	Cable Set: CABLE SECT 41 Cable Route: ST JOHNS WOOD - TOTTENHAM 1 Cable Make: BICC 275KV OIL	Cable Type: A/C Operating Voltage (kV): 275 Year of installation: 1965 Cable in tunnel: N
46M	400	W	Cable Set: CABLE SECT 45 Cable Route: ST JOHNS WOOD - TOTTENHAM 2 Cable Make: BICC 275KV OIL	Cable Type: A/C Operating Voltage (kV): 275 Year of installation: 1965 Cable in tunnel: N
47M	400	W	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
48N	450	NW	Cable Set: CABLE SECT 41 Cable Route: ST JOHNS WOOD - TOTTENHAM 2 Cable Make: BICC 275KV OIL	Cable Type: A/C Operating Voltage (kV): 275 Year of installation: 1965 Cable in tunnel: N
49N	451	NW	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
50O	458	SW	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
51O	458	SW	Cable Set: CABLE SECT 45 Cable Route: ST JOHNS WOOD - TOTTENHAM 1 Cable Make: BICC 275KV OIL	Cable Type: A/C Operating Voltage (kV): 275 Year of installation: 1965 Cable in tunnel: N

4.4 National Grid High Pressure Gas Transmission Pipelines

This dataset identifies high-pressure, large diameter pipelines which carry gas between gas terminals, power stations, compressors and storage facilities. The dataset does not include the Local Transmission System (LTS) which supplies gas directly into homes and businesses. This information has been extracted from databases held by National Grid and is provided for information only with no guarantee as to its completeness or accuracy. National Grid do not offer any warranty as to the accuracy of the available data and are excluded from any liability for any such inaccuracies or errors.

Records of National Grid high pressure gas transmission pipelines within 500m of the study site: 0

Database searched and no data found.

5. Geology

5.1 Artificial Ground and Made Ground

Database searched and no data found.

The database has been searched on site, including a 50m buffer.

5.2 Superficial Ground and Drift Geology

Database searched and no data found.

The database has been searched on site, including a 50m buffer.

5.3 Bedrock and Solid Geology

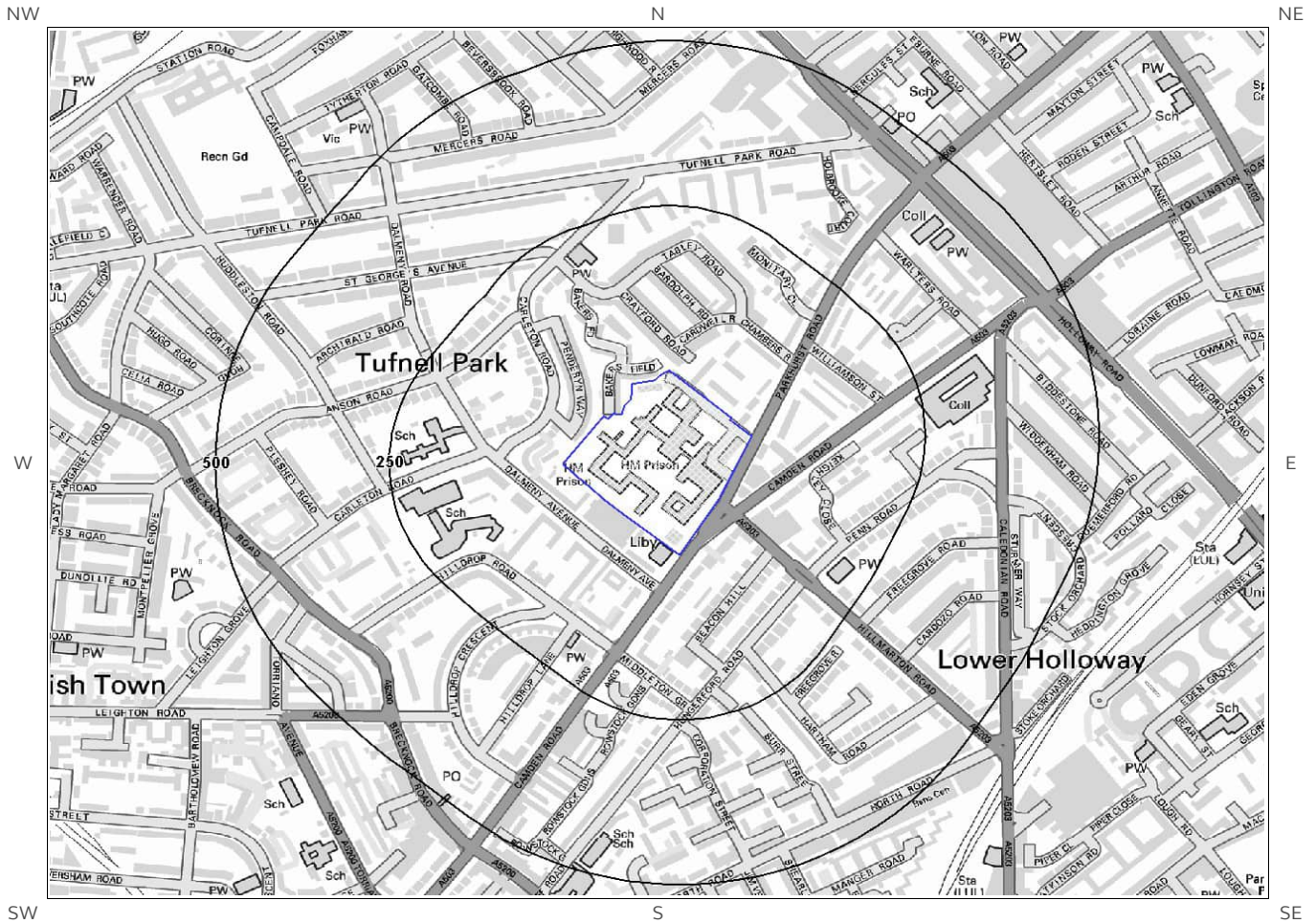
The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
LC-XCZS	LONDON CLAY FORMATION	CLAY, SILT AND SAND

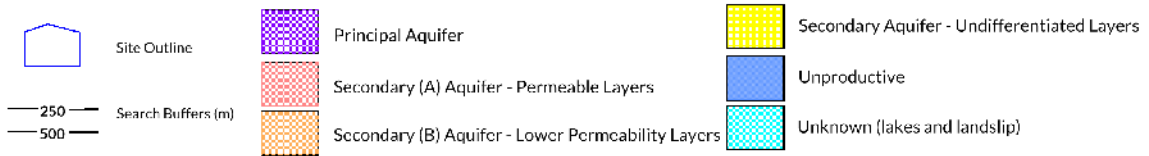
(Derived from the BGS 1:50,000 Digital Geological Map of Great Britain)

6 Hydrogeology and Hydrology

6a. Aquifer Within Superficial Geology



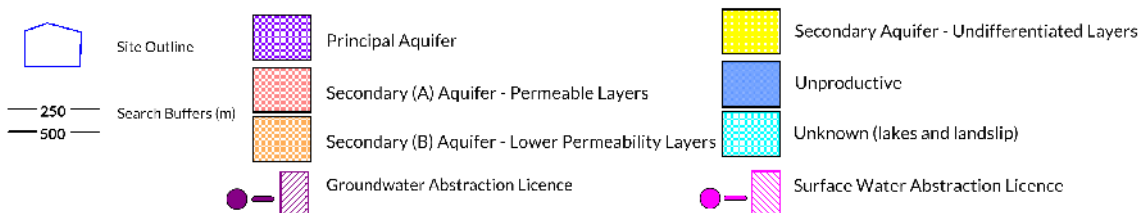
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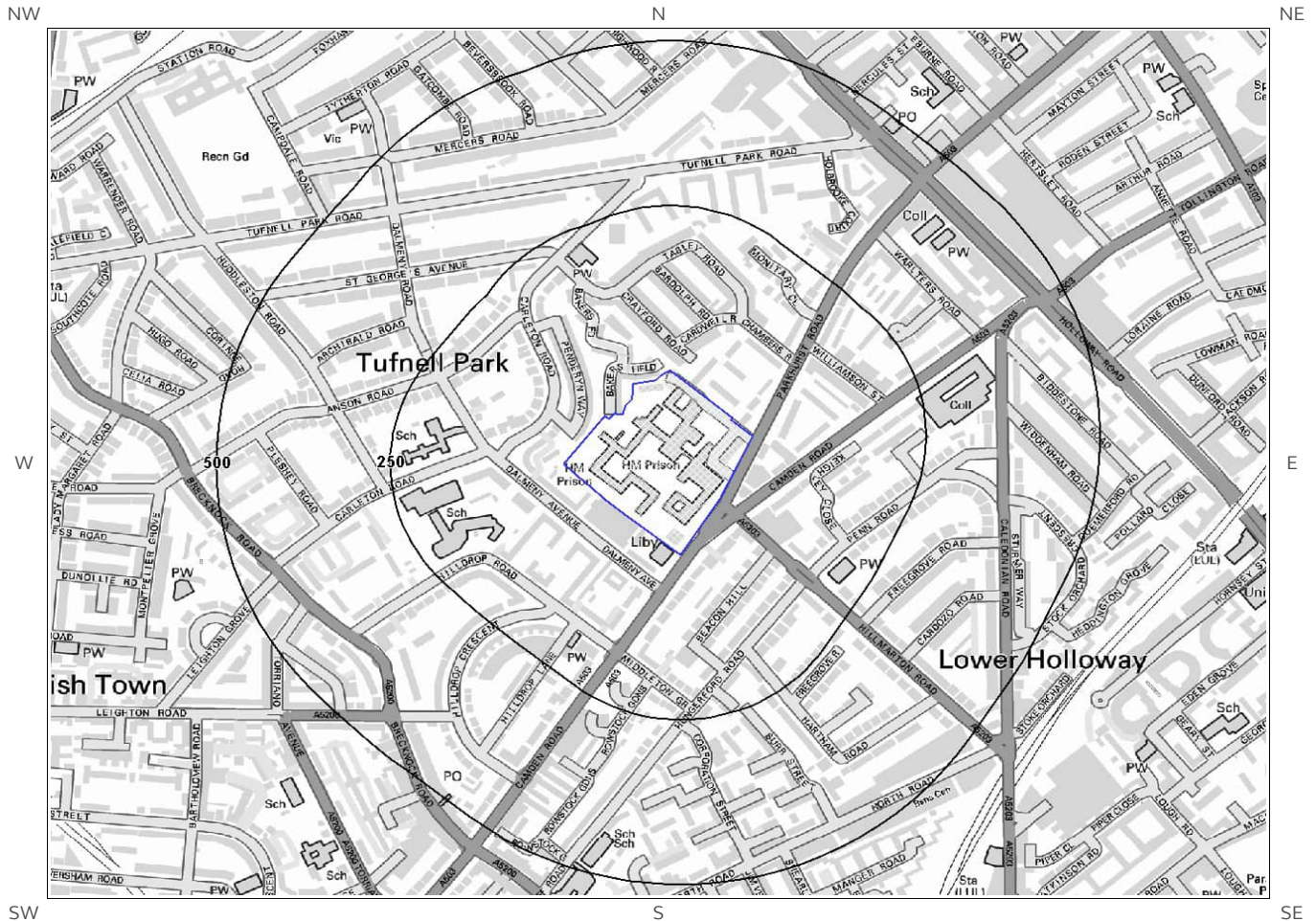
6b. Aquifer Within Bedrock Geology and Abstraction Licences



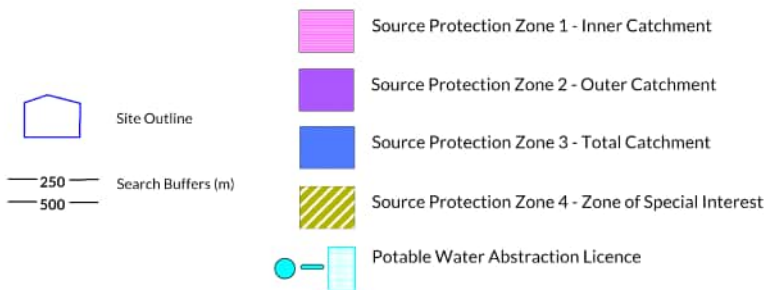
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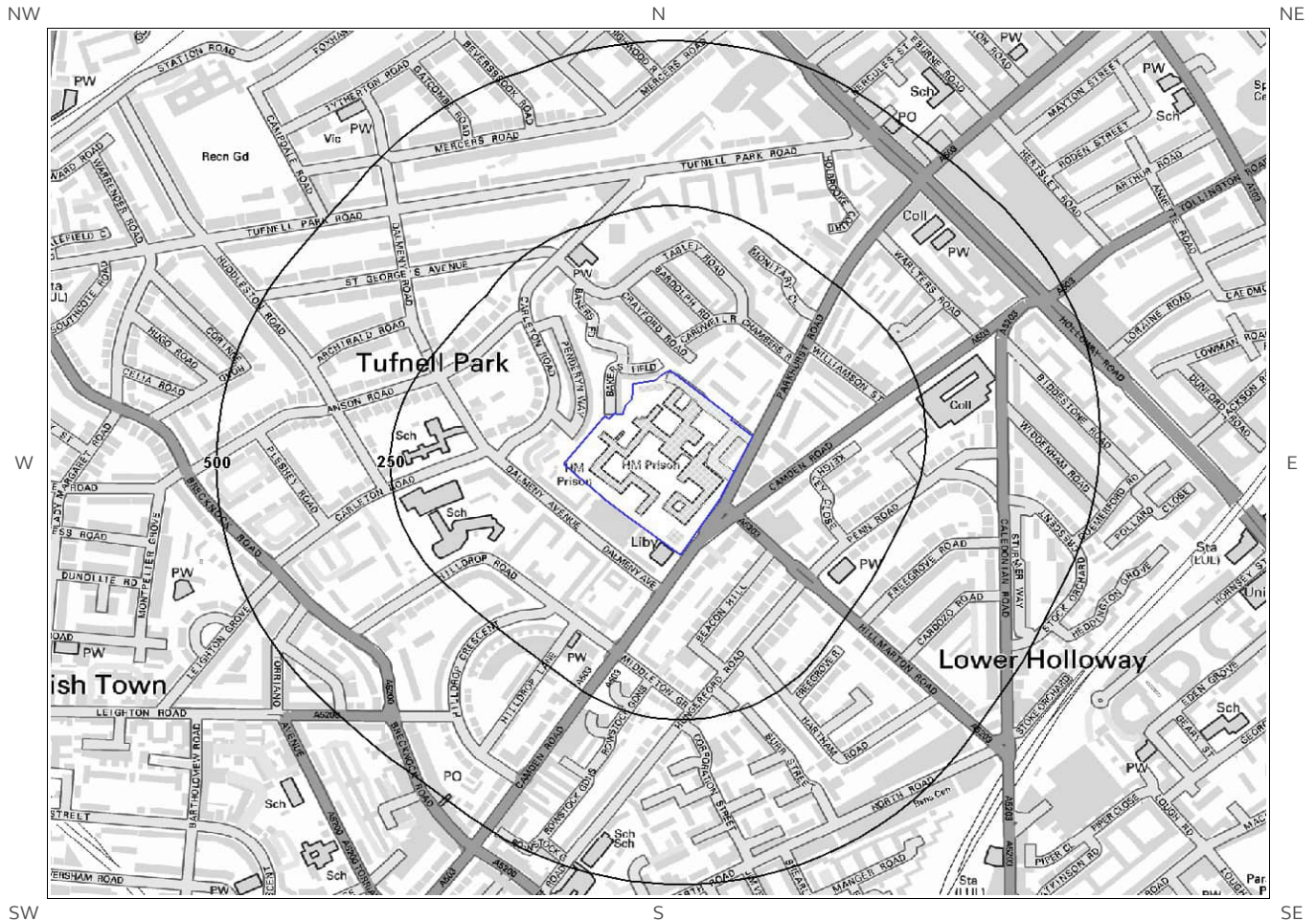
6c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licences



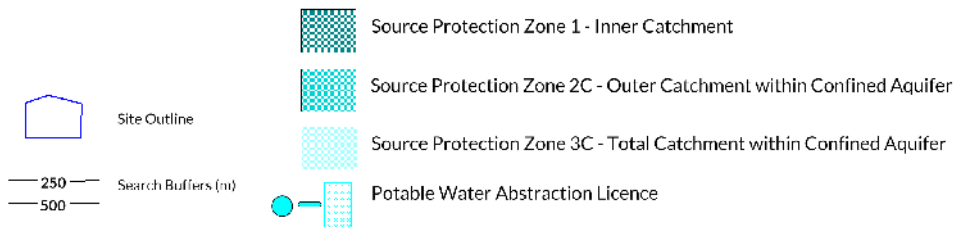
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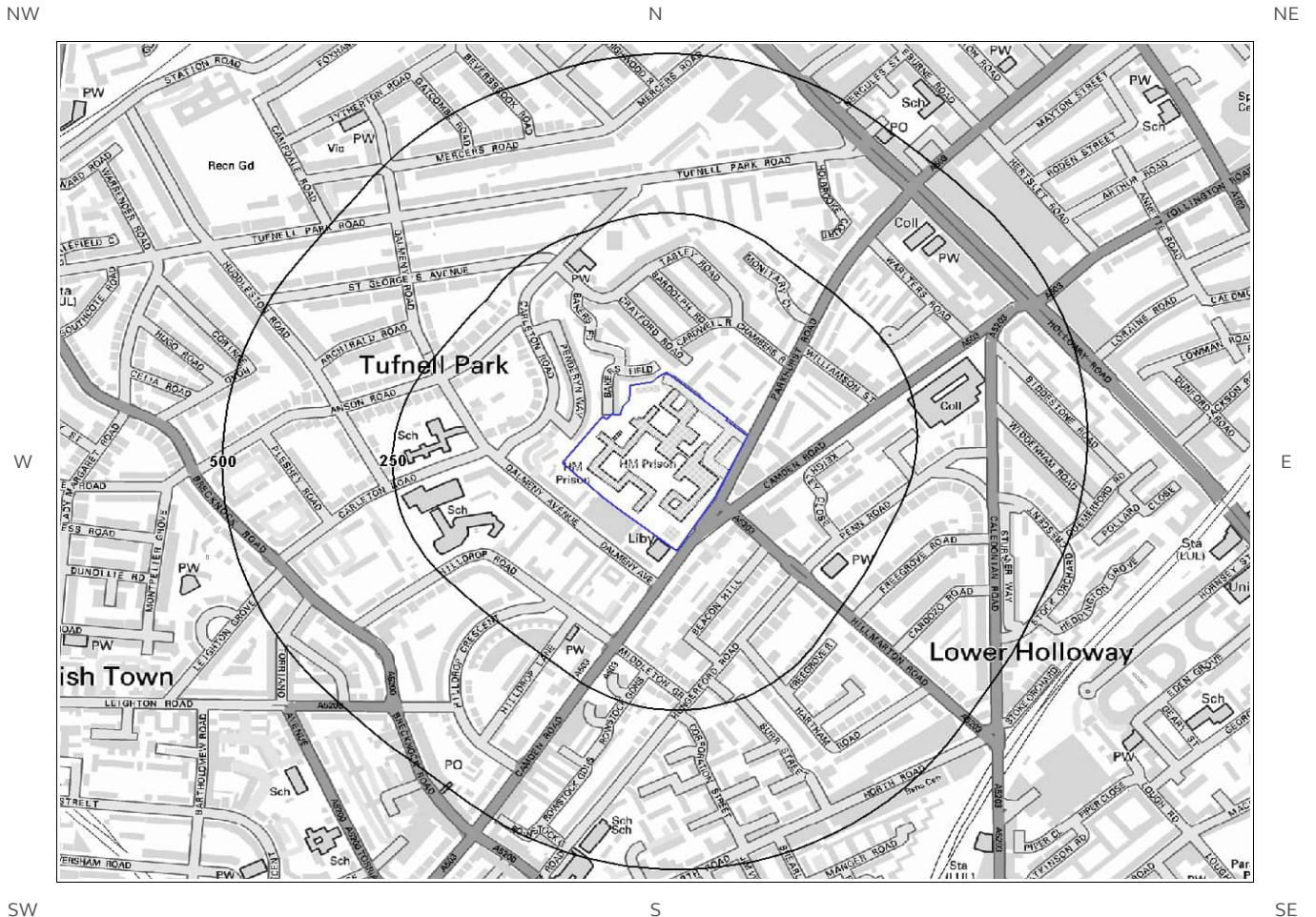
6d. Hydrogeology – Source Protection Zones within confined aquifer



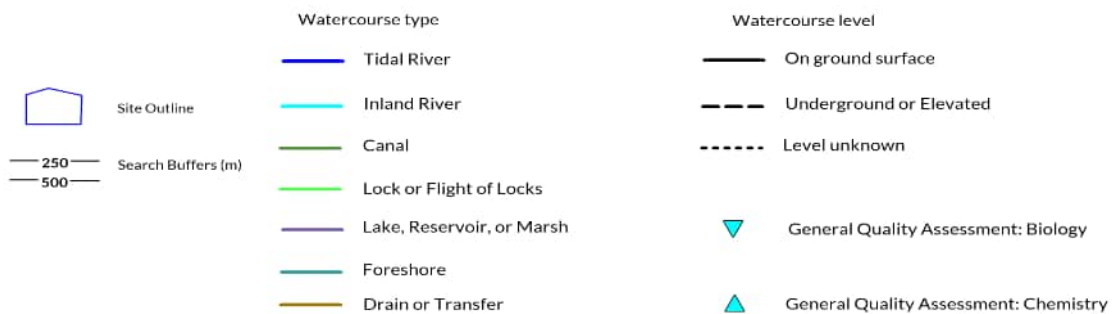
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6e. Hydrology – Watercourse Network and River Quality



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6. Hydrogeology and Hydrology

6.1 Aquifer within Superficial Deposits

Records of strata classification within the superficial geology at or in proximity to the property No

Database searched and no data found.

From 1 April 2010, the Environment Agency/Natural Resources Wales's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive. For further details on the designation and interpretation of this information, please refer to the Groundsure Enviro Insight User Guide.

6.2 Aquifer within Bedrock Deposits

Records of strata classification within the bedrock geology at or in proximity to the property Yes

From 1 April 2010, the Environment Agency/Natural Resources Wales's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive. For further details on the designation and interpretation of this information, please refer to the Groundsure Enviro Insight User Guide.

The following aquifer records are shown on the Aquifer within Bedrock Geology Map (6b):

ID	Distance (m)	Direction	Designation	Description
1	0	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	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
3	428	S	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
4	444	S	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

6.3 Groundwater Abstraction Licences

Groundwater Abstraction Licences within 2000m of the study site

Identified

The following Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (6b):

ID	Distance (m)	Direction	NGR	Details
Not shown	1402	S	529920 184040	<p>Status: Historical Licence No: 28/39/39/0222 Details: General Use Relating To Secondary Category (High Loss) Direct Source: THAMES GROUNDWATER Point: KINGS CROSS CONCRETE PLANT-BOREHOLE Data Type: Point Name: HANSON QUARRY PRODUCTS EUROPE LTD</p> <p>Annual Volume (m³): 55,200 Max Daily Volume (m³): 200 Original Application No: - Original Start Date: Expiry Date: Issue No: Version Start Date: 31/08/2006 Version End Date:</p>
Not shown	1402	S	529920 184040	<p>Status: Historical Licence No: TH/039/0039/027 Details: General Use Relating To Secondary Category (High Loss) Direct Source: THAMES GROUNDWATER Point: KINGS CROSS CONCRETE PLANT-BOREHOLE Data Type: Point Name: HANSON QUARRY PRODUCTS EUROPE LTD</p> <p>Annual Volume (m³): 33,400 Max Daily Volume (m³): 200 Original Application No: - Original Start Date: Expiry Date: Issue No: Version Start Date: 13/08/2012 Version End Date:</p>
Not shown	1402	S	529920 184040	<p>Status: Active Licence No: TH/039/0039/027/R01 Details: Dust Suppression Direct Source: THAMES GROUNDWATER Point: KINGS CROSS CONCRETE PLANT-BOREHOLE Data Type: Point Name: HANSON QUARRY PRODUCTS EUROPE LTD</p> <p>Annual Volume (m³): 33,400 Max Daily Volume (m³): 200 Original Application No: - Original Start Date: Expiry Date: Issue No: Version Start Date: 25/04/2019 Version End Date:</p>
Not shown	1402	S	529920 184040	<p>Status: Active Licence No: TH/039/0039/027/R01 Details: General Use Relating To Secondary Category (High Loss) Direct Source: THAMES GROUNDWATER Point: KINGS CROSS CONCRETE PLANT-BOREHOLE Data Type: Point Name: HANSON QUARRY PRODUCTS EUROPE LTD</p> <p>Annual Volume (m³): 33,400 Max Daily Volume (m³): 200 Original Application No: - Original Start Date: Expiry Date: Issue No: Version Start Date: 25/04/2019 Version End Date:</p>
Not shown	1402	S	529920 184040	<p>Status: Active Licence No: TH/039/0039/027/R01 Details: General Washing/Process Washing Direct Source: THAMES GROUNDWATER Point: KINGS CROSS CONCRETE PLANT-BOREHOLE Data Type: Point Name: HANSON QUARRY PRODUCTS EUROPE LTD</p> <p>Annual Volume (m³): 33,400 Max Daily Volume (m³): 200 Original Application No: - Original Start Date: Expiry Date: Issue No: Version Start Date: 25/04/2019 Version End Date:</p>
Not shown	1440	SW	528800 184700	<p>Status: Historical Licence No: 28/39/39/0091 Details: Process Water Direct Source: THAMES GROUNDWATER Point: TWO BORES AT KENTISH TOWN SPORTS CENTRE, PRINCE OF WALES ST Data Type: Point Name: GREENWICH LEISURE LTD</p> <p>Annual Volume (m³): 94,506 Max Daily Volume (m³): 1,814 Original Application No: - Original Start Date: Expiry Date: Issue No: Version Start Date: 05/04/2012 Version End Date:</p>

ID	Distance (m)	Direction	NGR	Details	
Not shown	1440	SW	528800 184700	Status: Historical Licence No: 28/39/39/0091 Details: Laundry Use Direct Source: THAMES GROUNDWATER Point: TWO BORES AT KENTISH TOWN SPORTS CENTRE, PRINCE OF WALES ST Data Type: Point Name: GREENWICH LEISURE LTD	Annual Volume (m ³): 94,506 Max Daily Volume (m ³): 1,814 Original Application No: - Original Start Date: Expiry Date: Issue No: Version Start Date: 05/04/2012 Version End Date:
Not shown	1440	SW	528800 184700	Status: Historical Licence No: 28/39/39/0091 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: TWO BORES AT KENTISH TOWN SPORTS CENTRE, PRINCE OF WALES ST Data Type: Point Name: GREENWICH LEISURE LTD	Annual Volume (m ³): 94,506 Max Daily Volume (m ³): 1,814 Original Application No: - Original Start Date: Expiry Date: Issue No: Version Start Date: 05/04/2012 Version End Date:
Not shown	1440	SW	528800 184700	Status: Active Licence No: 28/39/39/0091 Details: Process Water Direct Source: THAMES GROUNDWATER Point: KENTISH TOWN SPORTS CENTRE, PRINCE OF WALES ST Data Type: Point Name: GREENWICH LEISURE LIMITED	Annual Volume (m ³): 17,997 Max Daily Volume (m ³): 605 Original Application No: - Original Start Date: Expiry Date: Issue No: Version Start Date: 25/05/2012 Version End Date:
Not shown	1440	SW	528800 184700	Status: Active Licence No: 28/39/39/0091 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: KENTISH TOWN SPORTS CENTRE, PRINCE OF WALES ST Data Type: Point Name: GREENWICH LEISURE LIMITED	Annual Volume (m ³): 17,997 Max Daily Volume (m ³): 605 Original Application No: - Original Start Date: Expiry Date: Issue No: Version Start Date: 25/05/2012 Version End Date:
Not shown	1958	SE	531020 183690	Status: Historical Licence No: 28/39/39/0207 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: BARNARD PARK, ISLINGTON - BOREHOLE Data Type: Point Name: THAMES WATER UTILITIES LTD	Annual Volume (m ³): 914,544 Max Daily Volume (m ³): 3,024 Original Application No: - Original Start Date: Expiry Date: Issue No: Version Start Date: 08/01/2004 Version End Date:
Not shown	1967	SE	531022 183681	Status: Active Licence No: TH/039/0039/057 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: BOREHOLE AT BARNARD PARK Data Type: Point Name: Thames Water Utilities Ltd	Annual Volume (m ³): 914,544 Max Daily Volume (m ³): 3,024 Original Application No: - Original Start Date: Expiry Date: Issue No: Version Start Date: 01/04/2013 Version End Date:

6.4 Surface Water Abstraction Licences

Surface Water Abstraction Licences within 2000m of the study site

Identified

The following Surface Water Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (6b):

ID	Distance (m)	Direction	NGR	Details
Not shown	1865	S	529750 183600	<p>Status: Historical Licence No: 28/39/39/0172 Details: Make-Up or Top Up Water Direct Source: THAMES SURFACE WATER - NON TIDAL Point: CAMLEY STREET NATURE PARK, LONDON Data Type: Point Name: BRITISH WATERWAYS BOARD</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 18/09/1991 Version End Date:</p>
Not shown	1865	S	529750 183600	<p>Status: Historical Licence No: 28/39/39/0172 Details: Make-Up or Top Up Water Direct Source: THAMES SURFACE WATER - NON TIDAL Point: GRAND UNION CANAL AT CAMLEY STREET NATURE PARK, LONDON Data Type: Point Name: BRITISH WATERWAYS BOARD</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 18/09/1991 Expiry Date: - Issue No: 100 Version Start Date: 18/09/1991 Version End Date:</p>
Not shown	1918	S	530310 183520	<p>Status: Active Licence No: 28/39/39/0164 Details: Non-Evaporative Cooling Direct Source: THAMES SURFACE WATER - NON TIDAL Point: MAIDEN LANE BRIDGE, LONDON, NW1 - REGENTS CANAL Data Type: Point Name: Canal and River Trust</p> <p>Annual Volume (m³): 7,010,000 Max Daily Volume (m³): 19,520 Application No: - Original Start Date: 18/07/1980 Expiry Date: - Issue No: 101 Version Start Date: 17/12/2007 Version End Date:</p>

6.5 Potable Water Abstraction Licences

Potable Water Abstraction Licences within 2000m of the study site

Identified

The following Potable Water Abstraction Licences records are represented as points, lines and regions on the SPZ and Potable Water Abstraction Licences Map (6c):

ID	Distance (m)	Direction	NGR	Details
Not shown	1440	SW	528800 184700	<p>Status: Historical Licence No: 28/39/39/0091 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: TWO BORES AT KENTISH TOWN SPORTS CENTRE, PRINCE OF WALES ST Data Type: Point Name: GREENWICH LEISURE LTD</p> <p>Annual Volume (m³): 94,506 Max Daily Volume (m³): 1,814 Original Application No: - Original Start Date: 13/06/1966 Expiry Date: - Issue No: 101 Version Start Date: - Version End Date:</p>
Not shown	1440	SW	528800 184700	<p>Status: Active Licence No: 28/39/39/0091 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services</p> <p>Annual Volume (m³): 17,997 Max Daily Volume (m³): 605 Original Application No: - Original Start Date: 13/06/1966 Expiry Date: -</p>

ID	Distance (m)	Direction	NGR	Details
				Direct Source: THAMES GROUNDWATER Point: KENTISH TOWN SPORTS CENTRE, PRINCE OF WALES ST Data Type: Point Name: GREENWICH LEISURE LIMITED Issue No: 101 Version Start Date: Version End Date:
Not shown	1958	SE	531020 183690	Status: Historical Licence No: 28/39/39/0207 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: BARNARD PARK, ISLINGTON - BOREHOLE Data Type: Point Name: THAMES WATER UTILITIES LTD Annual Volume (m ³): 914,544 Max Daily Volume (m ³): 3,024 Original Application No: - Original Start Date: 02/05/2003 Expiry Date: 31/03/2013 Issue No: 1 Version Start Date: Version End Date:
Not shown	1967	SE	531022 183681	Status: Active Licence No: TH/039/0039/057 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: BOREHOLE AT BARNARD PARK Data Type: Point Name: Thames Water Utilities Ltd Annual Volume (m ³): 914,544 Max Daily Volume (m ³): 3,024 Original Application No: - Original Start Date: 01/04/2013 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: Version End Date:

6.6 Source Protection Zones

Source Protection Zones within 500m of the study site

None identified

Database searched and no data found.

6.7 Source Protection Zones within Confined Aquifer

Source Protection Zones within the Confined Aquifer within 500m of the study site

None identified

Historically, Source Protection Zone maps have been focused on regulation of activities which occur at or near the ground surface, such as prevention of point source pollution and bacterial contamination of water supplies. Sources in confined aquifers were often considered to be protected from these surface pressures due to the presence of a low permeability confining layer (e.g. glacial till, clay). The increased interest in subsurface activities such as onshore oil and gas exploration, ground source heating and cooling requires protection zones for confined sources to be marked on SPZ maps where this has not already been done.

Database searched and no data found.

6.8 Groundwater Vulnerability and Soil Leaching Potential

Environment Agency/Natural Resources Wales information on groundwater vulnerability and soil leaching potential within 500m of the study site

None identified

Database searched and no data found.

Environment Agency/Natural Resources Wales information on river quality within 1500m of the study site None identified

6.9.1 Biological Quality:

Database searched and no data found.

6.9.2 Chemical Quality:

Database searched and no data found.

6.10 Ordnance Survey MasterMap Water Network

Ordnance Survey MasterMap Water Network entries within 500m of the study site

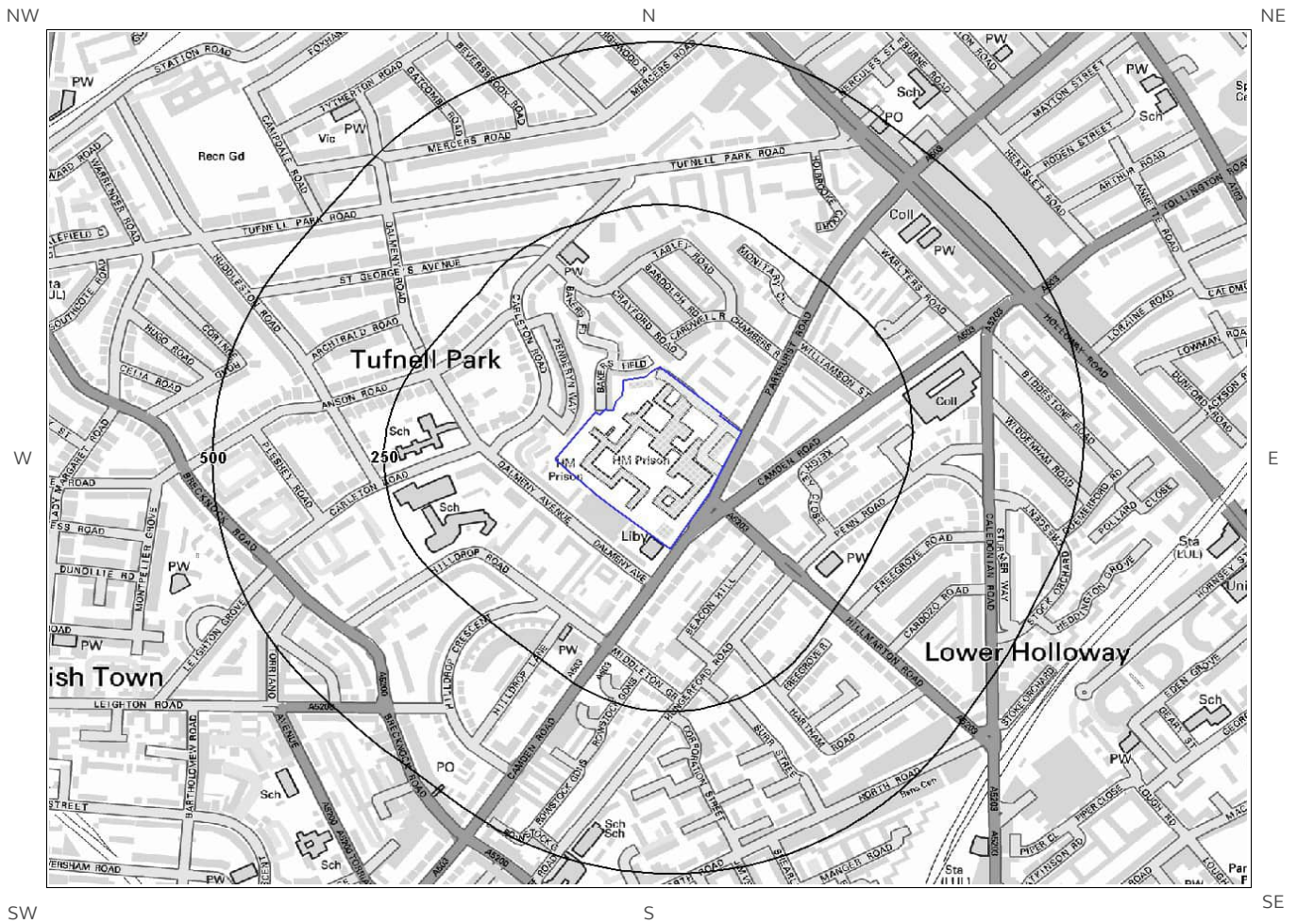
Database searched and no data found.

6.11 Surface Water Features

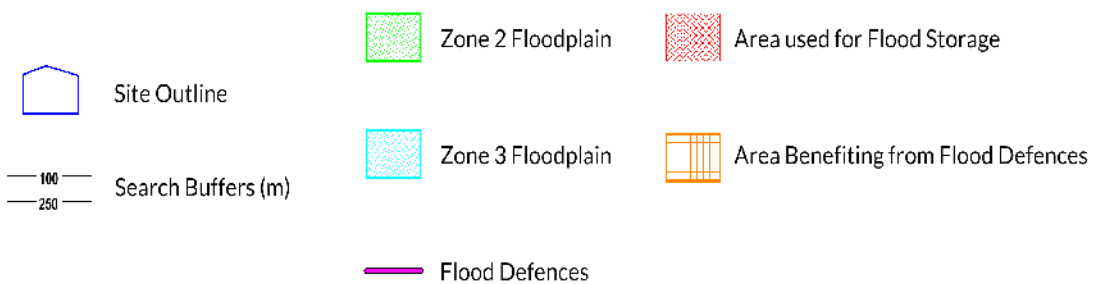
Surface water features within 250m of the study site None identified

Database searched and no data found.

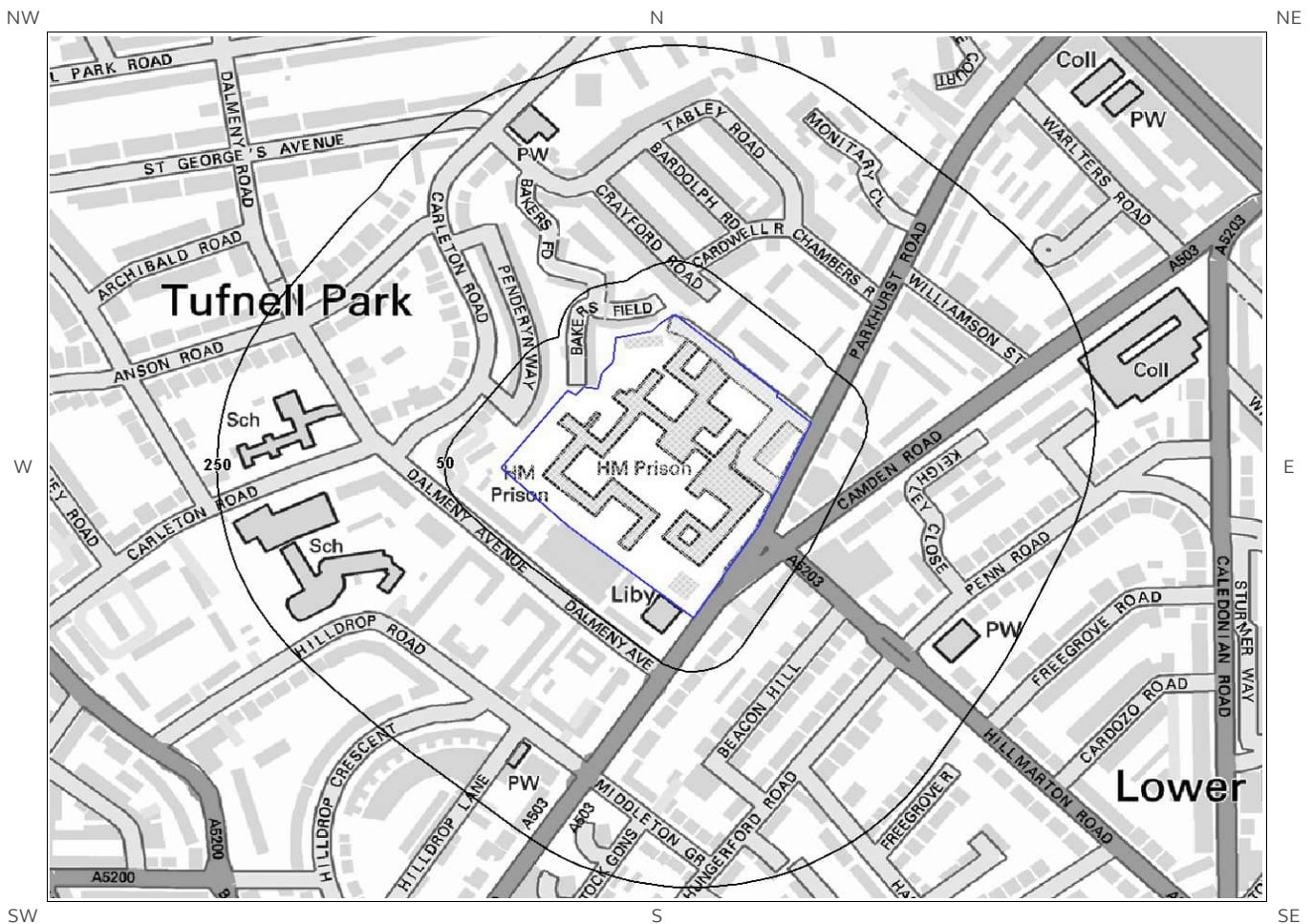
7a. Environment Agency/Natural Resources Wales Flood Map for Planning (from rivers and the sea)



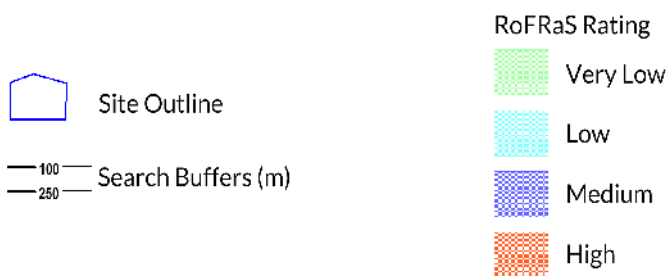
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7b. Environment Agency/Natural Resources Wales Risk of Flooding from Rivers and the Sea (RoFRaS) Map



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7 Flooding

7.1 River and Coastal Zone 2 Flooding

Environment Agency/Natural Resources Wales Zone 2 floodplain within 250m None identified

Environment Agency/Natural Resources Wales Zone 2 floodplains estimate the annual probability of flooding as between 1 in 1000 (0.1%) and 1 in 100 (1%) from rivers and between 1 in 1000 (0.1%) and 1 in 200 (0.5%) from the sea. Any relevant data is represented on Map 7a – Flood Map for Planning:

Database searched and no data found.

7.2 River and Coastal Zone 3 Flooding

Environment Agency/Natural Resources Wales Zone 3 floodplain within 250m None identified

Zone 3 shows the extent of a river flood with a 1 in 100 (1%) or greater chance of occurring in any year or a sea flood with a 1 in 200 (0.5%) or greater chance of occurring in any year. Any relevant data is represented on Map 7a – Flood Map for Planning.

Database searched and no data found.

7.3 Risk of Flooding from Rivers and the Sea (RoFRaS) Flood Rating

Highest risk of flooding onsite Very Low

The Environment Agency/Natural Resources Wales RoFRaS database provides an indication of river and coastal flood risk at a national level on a 50m grid with the flood rating at the centre of the grid calculated and given above. The data considers the probability that the flood defences will overtop or breach by considering their location, type, condition and standard of protection.

RoFRaS data for the study site indicates the property is in an area with a Very Low (less than 1 in 1000) chance of flooding in any given year.

7.4 Flood Defences

Flood Defences within 250m of the study site None identified
Database searched and no data found.

7.5 Areas benefiting from Flood Defences

Areas benefiting from Flood Defences within 250m of the study site None identified

7.6 Areas benefiting from Flood Storage

Areas used for Flood Storage within 250m of the study site

None identified

7.7 Groundwater Flooding Susceptibility Areas

7.7.1 British Geological Survey groundwater flooding susceptibility areas within 50m of the boundary of the study site

None identified

Notes: Groundwater flooding may either be associated with shallow unconsolidated sedimentary aquifers which overlie unproductive aquifers (Superficial Deposits Flooding), or with unconfined aquifers (Clearwater Flooding).

7.7.2 Highest susceptibility to groundwater flooding in the search area based on the underlying geological conditions

Not Prone

The area is not considered to be prone to groundwater flooding based on rock type.

7.8 Groundwater Flooding Confidence Areas

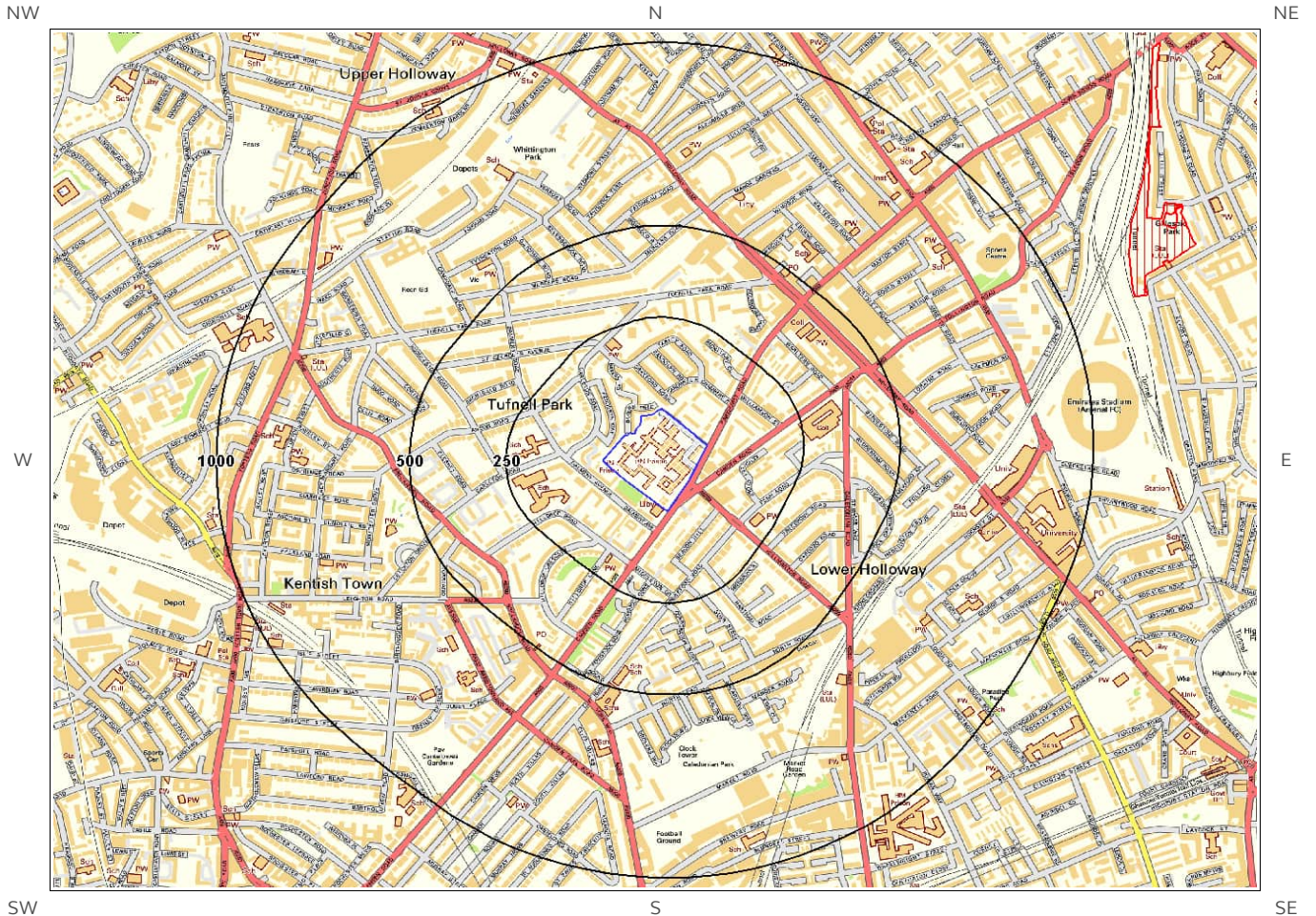
British Geological Survey confidence rating in this result

Not Applicable







Notes: Groundwater flooding is defined as the emergence of groundwater at the ground surface or the rising of groundwater into man-made ground under conditions where the normal range of groundwater levels is exceeded.

The confidence rating is on a threefold scale - Low, Moderate and High. This provides a relative indication of the BGS confidence in the accuracy of the susceptibility result for groundwater flooding. This is based on the amount and precision of the information used in the assessment. In areas with a relatively lower level of confidence the susceptibility result should be treated with more caution. In other areas with higher levels of confidence the susceptibility result can be used with more confidence.

8. Designated Environmentally Sensitive Sites Map



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- | | | | |
|--|--|---|---|
|  Site Outline |  AONB |  Green Belt |  Ancient Woodland |
|  100 Search Buffers (m) |  National Park |  Environmentally Sensitive Areas |  National Nature Reserve |
|  250 Search Buffers (m) |  SSSI |  Special Areas of Conservation |  Local Nature Reserves |
| |  Special Protection Areas |  World Heritage Sites |  Ramsar Sites |
| |  Nitrate Vulnerable Zones |  Nitrate Sensitive Areas | |

8. Designated Environmentally Sensitive Sites

Designated Environmentally Sensitive Sites within 2000m of the study site

Identified

8.1 Records of Sites of Special Scientific Interest (SSSI) within 2000m of the study site:

0

Database searched and no data found.

8.2 Records of National Nature Reserves (NNR) within 2000m of the study site:

0

Database searched and no data found.

8.3 Records of Special Areas of Conservation (SAC) within 2000m of the study site:

0

Database searched and no data found.

8.4 Records of Special Protection Areas (SPA) within 2000m of the study site:

0

Database searched and no data found.

8.5 Records of Ramsar sites within 2000m of the study site:

0

Database searched and no data found.

8.6 Records of Ancient Woodland within 2000m of the study site:

0

Database searched and no data found.

8.7 Records of Local Nature Reserves (LNR) within 2000m of the study site:

3

The following Local Nature Reserve (LNR) records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	LNR Name	Data Source
1	1179	E	Gillespie Park	Natural England
Not shown	1391	SE	Barnsbury Wood	Natural England
Not shown	1888	S	Camley Street Nature Park	Natural England

8.8 Records of World Heritage Sites within 2000m of the study site:

0

Database searched and no data found.

8.9 Records of Environmentally Sensitive Areas within 2000m of the study site:

0

Database searched and no data found.

8.10 Records of Areas of Outstanding Natural Beauty (AONB) within 2000m of the study site:

0

Database searched and no data found.

8.11 Records of National Parks (NP) within 2000m of the study site:

0

Database searched and no data found.

8.12 Records of Nitrate Sensitive Areas within 2000m of the study site:

0

Database searched and no data found.

8.13 Records of Nitrate Vulnerable Zones within 2000m of the study site:

0

Database searched and no data found.

8.14 Records of Green Belt land within 2000m of the study site:

0

Database searched and no data found.

9. Natural Hazards Findings

9.1 Detailed BGS GeoSure Data

BGS GeoSure Data has been searched to 50m. The data is included in tabular format. If you require further information on geology and ground stability, please obtain a **Groundsure Geo Insight**, available from our [website](#). The following information has been found:

9.1.1 Shrink Swell

Maximum Shrink-Swell** hazard rating identified on the study site Moderate

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Ground conditions predominantly high plasticity. Do not plant or remove trees or shrubs near to buildings without expert advice about their effect and management. For new build, consideration should be given to advice published by the National House Building Council (NHBC) and the Building Research Establishment (BRE). There is a probable increase in construction cost to reduce potential shrink-swell problems. For existing property, there is a probable increase in insurance risk during droughts or where vegetation with high moisture demands is present.

9.1.2 Landslides

Maximum Landslide* hazard rating identified on the study site Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Slope instability problems are unlikely to be present. No special actions required to avoid problems due to landslides. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with landslides.

9.1.3 Soluble Rocks

Maximum Soluble Rocks* hazard rating identified on the study site Negligible

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Soluble rocks are present, but unlikely to cause problems except under exceptional conditions. No special actions required to avoid problems due to soluble rocks. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with soluble rocks.

* This indicates an automatically generated 50m buffer and site.

9.1.4 Compressible Ground

Maximum Compressible Ground* hazard rating identified on the study site

Negligible

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

No indicators for compressible deposits identified. No special actions required to avoid problems due to compressible deposits. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with compressible deposits.

9.1.5 Collapsible Rocks

Maximum Collapsible Rocks* hazard rating identified on the study site

Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Deposits with potential to collapse when loaded and saturated are unlikely to be present. No special ground investigation required or increased construction costs or increased financial risk due to potential problems with collapsible deposits.

9.1.6 Running Sand

Maximum Running Sand** hazard rating identified on the study site

Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Very low potential for running sand problems if water table rises or if sandy strata are exposed to water. No special actions required, to avoid problems due to running sand. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with running sand.

* This indicates an automatically generated 50m buffer and site.

9.2 Radon

9.2.1 Radon Affected Areas

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 site is not in a Radon Affected Area, as less than 1% of properties are above the Action Level.

The radon data in this report is supplied by the BGS/Public Health England and is the definitive map of Radon Affected Areas in Great Britain and Northern Ireland. The dataset was created using long-term radon measurements in over 479,000 homes across Great Britain and 23,000 homes across Northern Ireland, combined with geological data. The dataset is considered accurate to 50m to allow for the margin of error in geological lines, and the findings of this report supercede any answer given in the less accurate Indicative Atlas of Radon in Great Britain, which simplifies the data to give the highest risk within any given 1km grid square. As such, the radon atlas is considered indicative, whereas the data given in this report is considered definitive.

9.2.2 Radon Protection

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.

10. Mining

10.1 Coal Mining

Coal mining areas within 75m of the study site

None identified

Database searched and no data found.

10.2 Non-Coal Mining

Non-Coal Mining areas within 50m of the study site boundary

None identified

Database searched and no data found.

10.3 Brine Affected Areas

Brine affected areas within 75m of the study site

None identified

Guidance: No Guidance Required.

Contact Details

Waterman
Telephone: 0207 9287888
info@groundsure.com



British Geological Survey Enquiries

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Fax: 0115 936 3276.
Email:

Web: www.bgs.ac.uk

BGS Geological Hazards Reports and general geological enquiries:
enquiries@bgs.ac.uk



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National Customer Contact Centre, PO Box 544
Rotherham, S60 1BY
Tel: 03708 506 506

Web: www.environment-agency.gov.uk

Email: enquiries@environment-agency.gov.uk



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133-155 Waterloo Road, London, SE1 8UG
www.gov.uk/phe

Email: enquiries@phe.gov.uk
Main switchboard: 020 7654 8000



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DX 716176 Mansfield 5
www.coal.gov.uk



Ordnance Survey

Adanac Drive, Southampton
SO16 0AS
Tel: 08456 050505



Local Authority

Authority: London Borough of Islington
Phone: 020 7527 2000
Web: <https://www.islington.gov.uk/>
Address: 222 Upper Street, London, N1 1XR

Gemapping PLC

Virginia Villas, High Street, Hartley Witney,
Hampshire RG27 8NW
Tel: 01252 845444



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Site Details:

HMP HOLLOWAY, LONDON,
N7 0JP

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Report Ref: WTM1-6291219
Grid Ref: 530085, 185568

Map Name: County Series

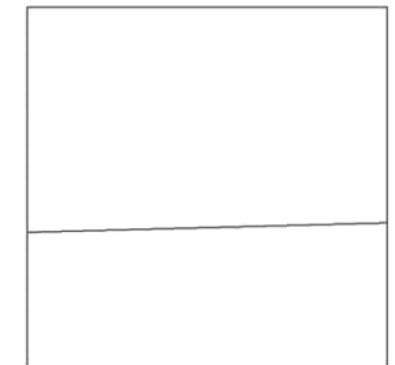
Map date: 1873

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1869
Revised 1869
Edition 1873
Copyright N/A
Levelled N/A



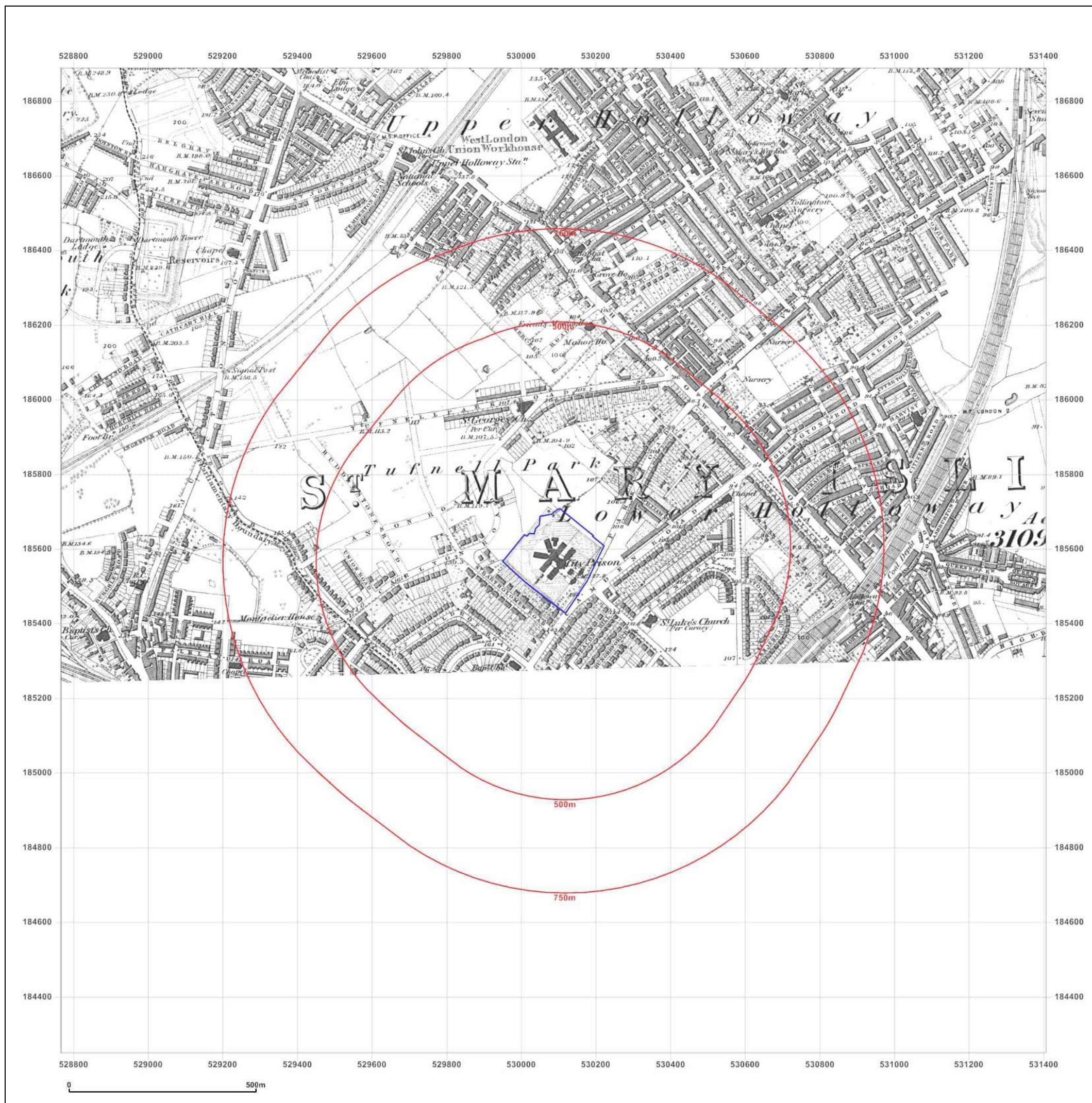
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Client Ref: WIE16172_REQ99932
Report Ref: WTM1-6291219
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Map Name: County Series

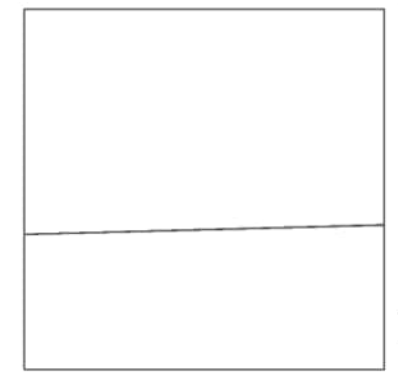
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Client Ref: WIE16172_REQ99932
Report Ref: WTM1-6291219
Grid Ref: 530085, 185568

Map Name: County Series

Map date: 1894

Scale: 1:10,560

Printed at: 1:10,560



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Revised 1894
Edition N/A
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Edition N/A
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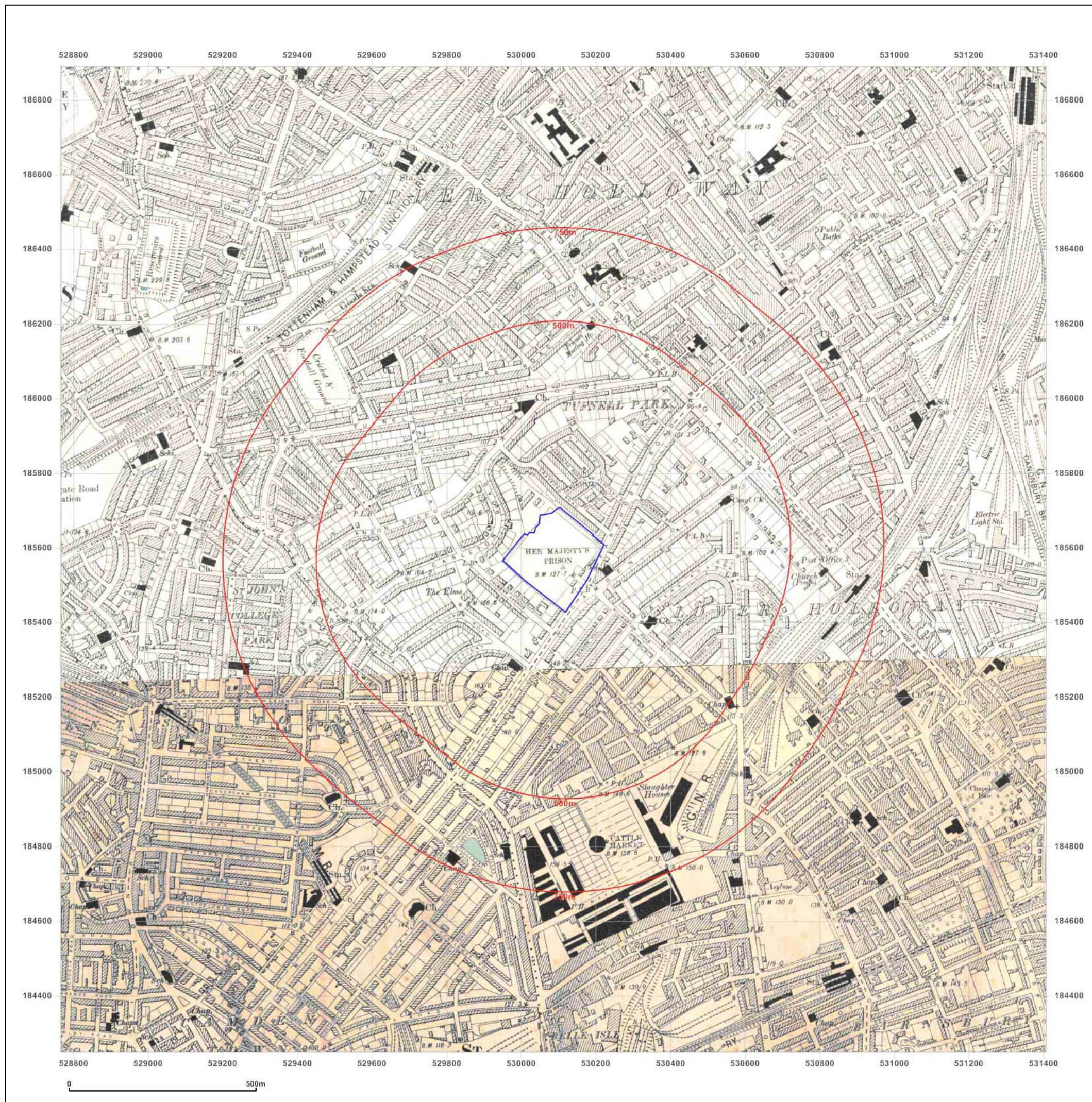
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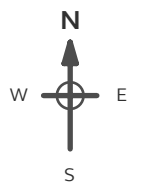
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Map Name: County Series

Map date: 1896

Scale: 1:10,560

Printed at: 1:10,560



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Revised 1894
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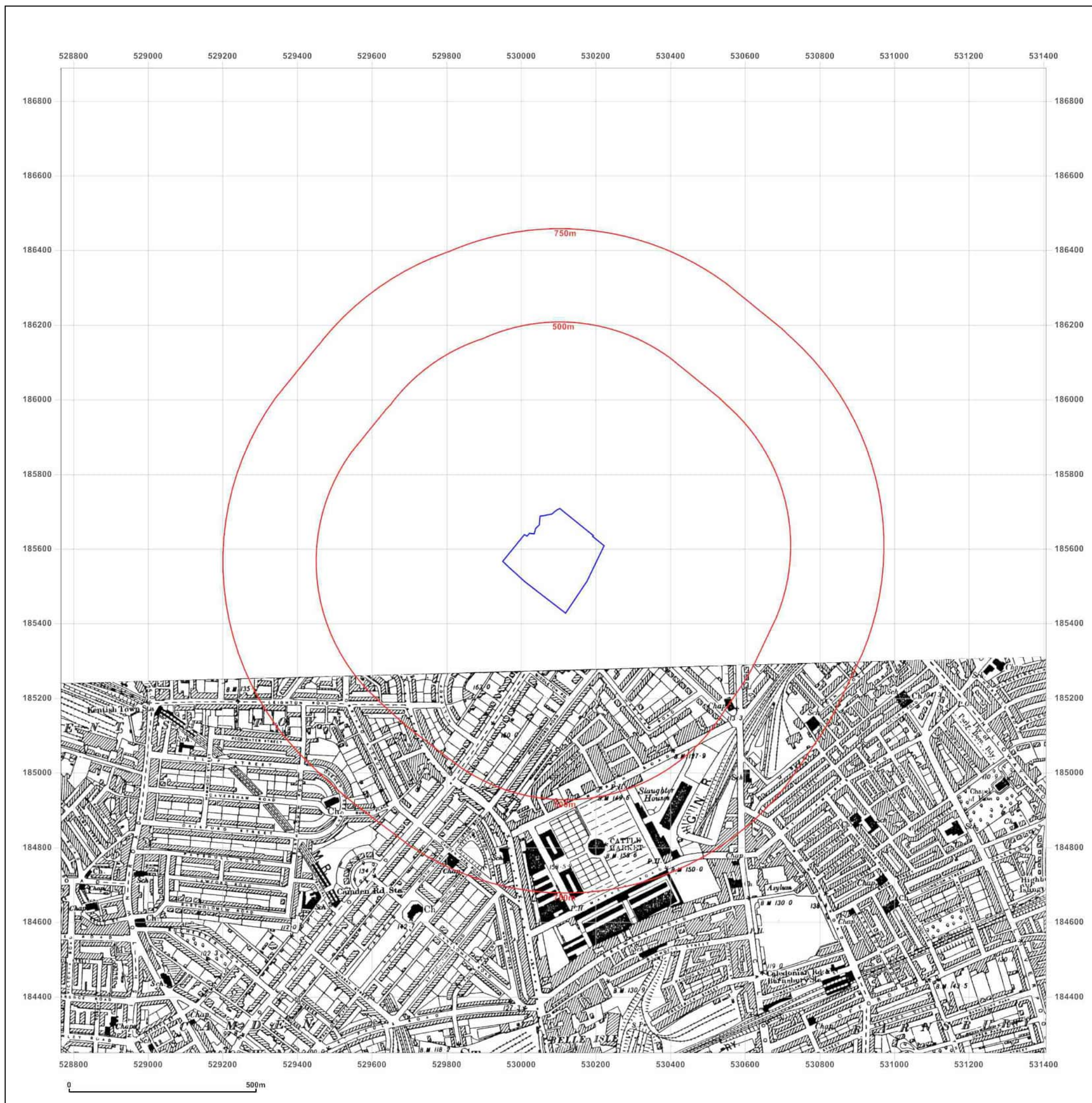
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Client Ref: WIE16172_REQ99932
Report Ref: WTM1-6291219
Grid Ref: 530085, 185568

Map Name: County Series

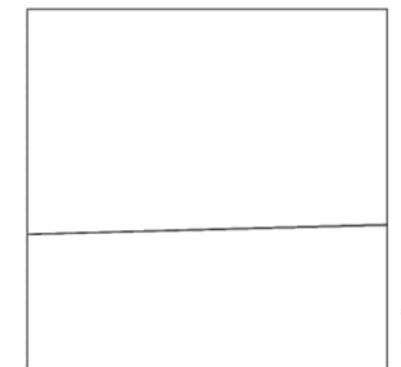
Map date: 1920

Scale: 1:10,560

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