

Recent site history - 2014 aerial photograph



Capture Date: 04/05/2014

Site Area: 2.72ha



Recent site history - 2011 aerial photograph



Capture Date: 30/09/2011

Site Area: 2.72ha



Recent site history - 1999 aerial photograph

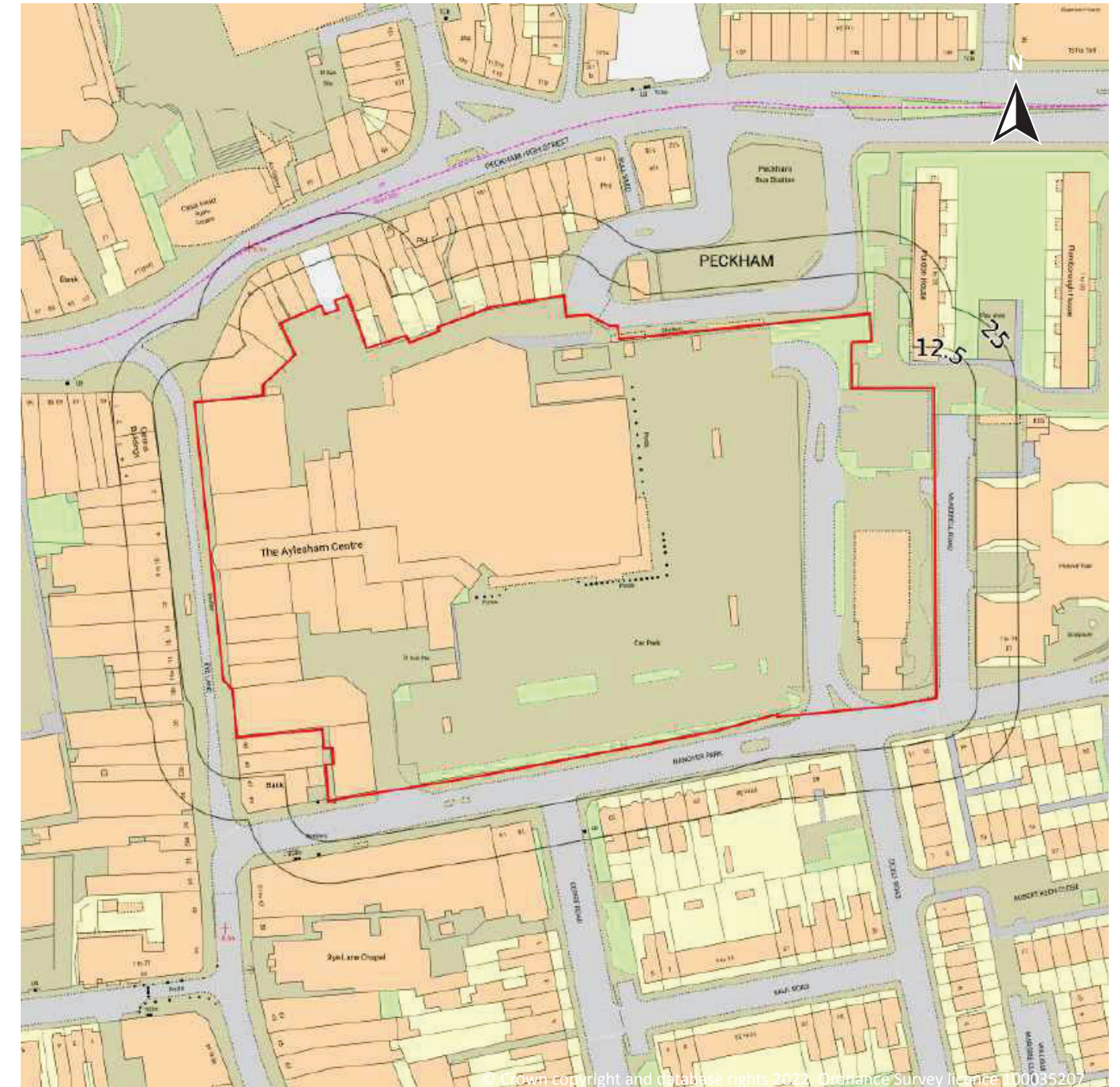


Capture Date: 04/09/1999

Site Area: 2.72ha



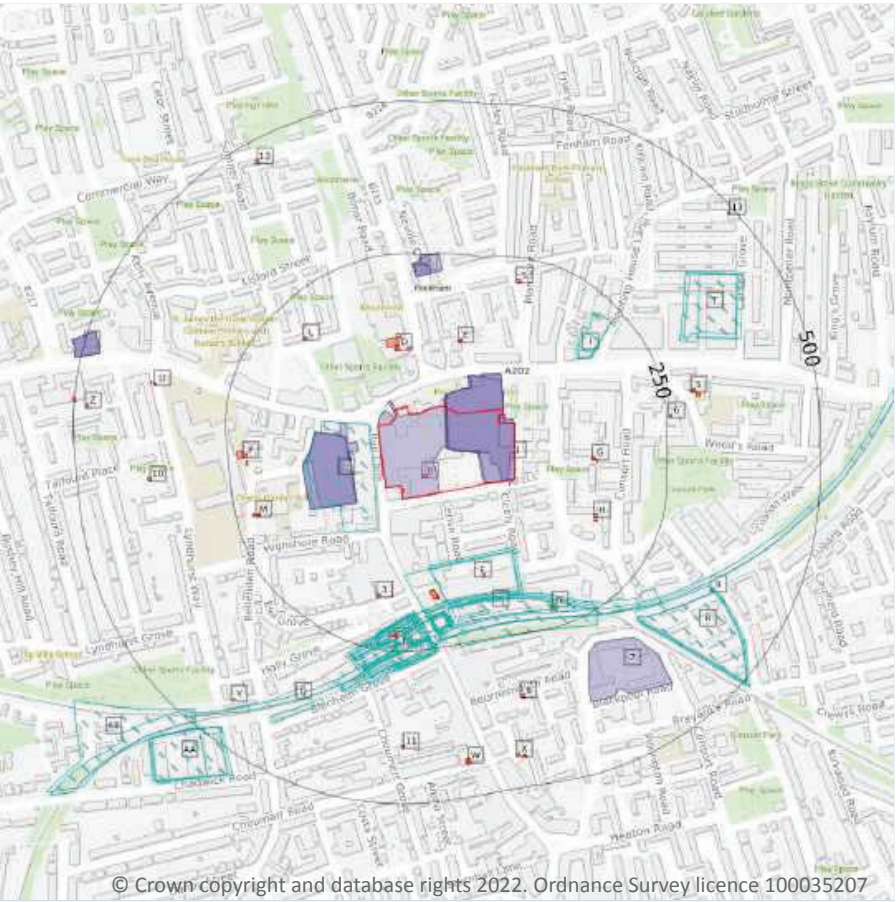
OS MasterMap site plan



Site Area: 2.72ha



1 Past land use



1.1 Historical industrial land uses

Records within 500m 48

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

Features are displayed on the Past land use map on page 14

ID	Location	Land use	Dates present	Group ID
C	15m W	Tramway Depot	1948	2160874

ID	Location	Land use	Dates present	Group ID
F	108m S	Nursery	1871	2204230
F	114m S	Nursery	1873	2207205
F	115m S	Nursery	1898	2251948
I	146m NE	Police Station	1968 - 1979	2278069
I	149m NE	Police Station	1987	2268843
I	150m NE	Police Station	1993	2288453
K	175m S	Railway Sidings	1968	2232873
K	178m S	Railway Sidings	1920 - 1962	2281748
K	181m S	Railway Sidings	1894	2205585
J	185m S	Railway Station	1962	2186786
J	185m S	Railway Station	1948	2243419
K	186m S	Railway Station	1894	2152678
J	187m S	Railway Station	1920 - 1938	2255767
4	188m S	Railway Sidings	1898	2249794
J	189m S	Railway Station	1898	2229693
J	190m S	Railway Station	1968 - 1993	2283642
J	190m S	Railway Station	1894	2196404
J	190m S	Railway Station	1894	2285421
J	193m S	Railway Station	1954	2230288
J	193m S	Railway Buildings	1920 - 1938	2242720
J	193m S	Railway Building	1948 - 1962	2266928
J	194m S	Railway Building	1894	2274759
J	195m S	Railway Building	1898	2180120
J	195m S	Railway Building	1894	2215196
J	196m S	Railway Building	1894	2257963
J	198m S	Railway Station	1873	2180675
J	198m S	Railway Buildings	1968 - 1973	2227847
J	198m S	Railway Buildings	1979 - 1993	2247858

ID	Location	Land use	Dates present	Group ID
J	199m S	Railway Station	1898	2203808
J	205m S	Railway Station	1871	2286589
N	212m S	Railway Building	1920 - 1938	2286909
N	214m S	Railway Building	1894	2200388
N	216m S	Railway Building	1954 - 1962	2229303
J	271m S	Railway Building	1894	2149387
Q	282m S	Railway Sidings	1898	2281876
R	292m SE	Unspecified Workhouse	1894	2225074
R	301m SE	Workhouses	1898	2157913
T	303m NE	Nursery	1873	2284691
R	303m SE	Unspecified Workhouse	1894	2234950
T	312m NE	Nursery	1898	2273646
T	337m NE	Nursery	1871	2242147
Q	352m S	Railway Buildings	1894	2163765
AA	477m SW	Brewery	1894	2259943
AA	478m SW	Brewery	1894	2285435
AA	479m SW	Brewery	1898	2221825
AB	479m SW	Railway Sidings	1920 - 1938	2270166
AB	485m SW	Railway Sidings	1894	2254076

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	6
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Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14**

ID	Location	Land use	Dates present	Group ID
N	214m S	Unspecified Tank	1916	384651
N	215m S	Unspecified Tank	1950 - 1953	388971
6	254m E	Unspecified Tank	1979 - 1991	404014
V	426m SW	Unspecified Tank	1950	385406
V	426m SW	Unspecified Tank	1960	384064
V	426m SW	Unspecified Tank	1960	388219

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m	51
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Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14**

ID	Location	Land use	Dates present	Group ID
1	On site	Electricity Substation	1953	267940
B	On site	Electricity Substation	1991 - 1998	276769
B	On site	Electricity Substation	1989 - 1991	283016
D	92m N	Electricity Substation	1969 - 1991	287742
D	92m N	Electricity Substation	1993	277164
D	92m N	Electricity Substation	1970	283351
D	92m N	Electricity Substation	1991 - 1993	257689
D	100m N	Electricity Substation	1950	274364
E	107m N	Electricity Substation	1969 - 1998	263607
E	108m N	Electricity Substation	1970	283922
E	108m N	Electricity Substation	1978 - 1991	275224
G	127m E	Electricity Substation	1969 - 1993	268123

ID	Location	Land use	Dates present	Group ID
G	127m E	Electricity Substation	1991	257818
G	134m E	Electricity Substation	1979	248275
F	142m S	Electricity Substation	1985 - 1993	281139
H	143m SE	Electricity Substation	1969 - 1970	277061
H	145m SE	Electricity Substation	1991 - 1993	291181
J	155m S	Electricity Substation	1991	254020
J	155m S	Electricity Substation	1985	255238
3	158m S	Electricity Substation	1969 - 1993	285007
J	163m S	Electricity Substation	1969	254174
J	166m S	Electricity Substation	1993	256094
J	167m S	Electricity Substation	1991	255030
L	183m NW	Electricity Substation	1978 - 1991	260132
L	184m NW	Electricity Substation	1969 - 1996	269525
5	208m N	Electricity Substation	1969 - 1998	285228
M	210m W	Electricity Substation	1978	273920
M	210m W	Electricity Substation	1991 - 1999	290235
P	218m W	Electricity Substation	1978	248283
P	219m W	Electricity Substation	1991	248282
P	225m W	Electricity Substation	1991 - 1999	275340
S	295m E	Electricity Substation	1970	275588
S	295m E	Electricity Substation	1979	271870
S	302m E	Electricity Substation	1991 - 1993	257675
S	302m E	Electricity Substation	1991	267362
8	348m S	Electricity Substation	1969 - 1993	261674
9	369m SE	Electricity Substation	1995	285314
U	369m W	Electricity Substation	1991	269354
U	370m W	Electricity Substation	1991 - 1999	288379
U	377m W	Electricity Substation	1978	248279



ID	Location	Land use	Dates present	Group ID
10	380m W	Electricity Substation	1978 - 1999	272341
11	404m S	Electricity Substation	1969 - 1993	270720
W	437m S	Electricity Substation	1991 - 1993	270159
W	439m S	Electricity Substation	1953 - 1991	272515
X	443m S	Electricity Substation	1993	248287
X	448m S	Electricity Substation	1969 - 1991	257533
X	449m S	Electricity Substation	1970	272371
12	462m NW	Electricity Substation	1954 - 1999	289264
Z	475m W	Electricity Substation	1978 - 1999	269078
13	488m NE	Electricity Substation	1972 - 1991	259507
Z	496m W	Electricity Substation	1950	248280

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m	0
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Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m	20
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Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14**



ID	Location	Land use	Dates present	Group ID
2	On site	London Transport Garage	1953 - 1970	82816
A	On site	London Transport Garage	1953	75388
A	On site	London Transport Garage	1991	75880
A	On site	London Transport Garage	1993	77832
A	On site	London Transport Garage	1993	77982
A	On site	London Transport Garage	1978 - 1985	80621
A	On site	London Transport Garage	1962 - 1969	84548
A	On site	London Transport Garage	1989 - 1991	84720
C	36m W	London Transport Garage	1978 - 1991	84185
C	50m W	London Transport Garage	1953 - 1970	85902
C	50m W	London Transport Garage	1953	79254
C	51m W	Transport Garage	1991	73963
O	212m N	Garage	1953	76698
O	212m N	Garage	1953	77719
O	212m N	Garage	1970	78253
O	213m N	Garage	1962 - 1969	80239
7	299m SE	Bus Garage	1995	84056
Y	471m W	Garage	1991	76173
Y	471m W	Garage	1978	78109
Y	472m W	Garage	1991	77277

This data is sourced from Ordnance Survey / Groundsure.

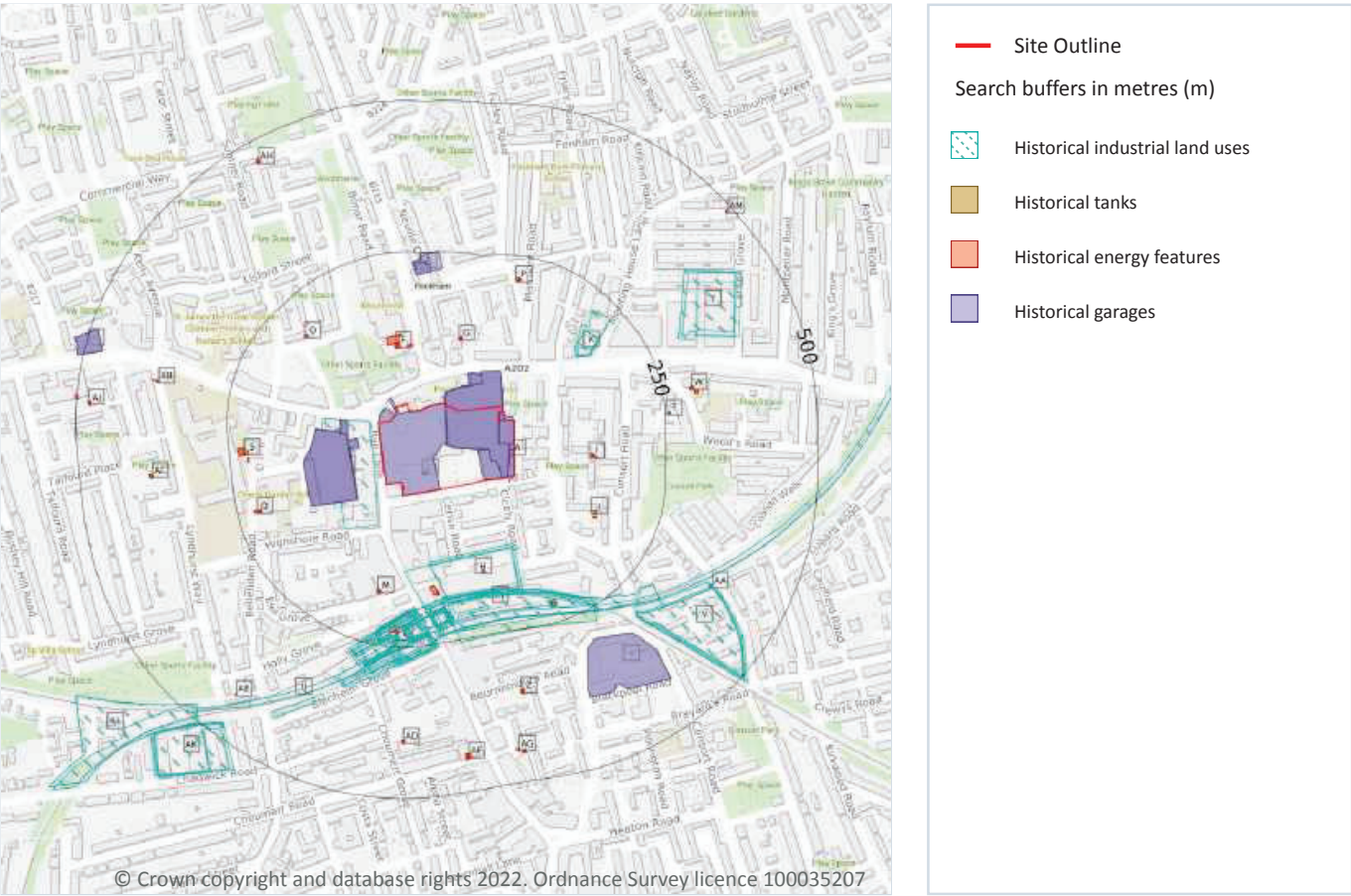
1.6 Historical military land

Records within 500m	0
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Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

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

2 Past land use - un-grouped



2.1 Historical industrial land uses

Records within 500m	73
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Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on page 21

ID	Location	Land Use	Date	Group ID
E	15m W	Tramway Depot	1948	2160874
H	108m S	Nursery	1871	2204230
H	114m S	Nursery	1873	2207205

ID	Location	Land Use	Date	Group ID
H	115m S	Nursery	1898	2251948
K	146m NE	Police Station	1979	2278069
K	146m NE	Police Station	1973	2278069
K	146m NE	Police Station	1968	2278069
K	149m NE	Police Station	1987	2268843
K	150m NE	Police Station	1993	2288453
N	175m S	Railway Sidings	1968	2232873
N	178m S	Railway Sidings	1962	2281748
N	178m S	Railway Sidings	1954	2281748
N	178m S	Railway Sidings	1948	2281748
N	179m S	Railway Sidings	1938	2281748
N	179m S	Railway Sidings	1920	2281748
N	181m S	Railway Sidings	1894	2205585
N	184m S	Railway Sidings	1894	2205585
L	185m S	Railway Station	1962	2186786
L	185m S	Railway Station	1948	2243419
N	186m S	Railway Station	1894	2152678
L	187m S	Railway Station	1938	2255767
L	187m S	Railway Station	1920	2255767
1	188m S	Railway Sidings	1898	2249794
L	189m S	Railway Station	1898	2229693
L	190m S	Railway Station	1979	2283642
L	190m S	Railway Station	1973	2283642
L	190m S	Railway Station	1993	2283642
L	190m S	Railway Station	1968	2283642
L	190m S	Railway Station	1987	2283642
L	190m S	Railway Station	1894	2285421
L	190m S	Railway Station	1894	2196404



ID	Location	Land Use	Date	Group ID
L	192m S	Railway Station	1894	2285421
L	193m S	Railway Buildings	1938	2242720
L	193m S	Railway Buildings	1920	2242720
L	193m S	Railway Station	1954	2230288
L	193m S	Railway Building	1962	2266928
L	193m S	Railway Building	1948	2266928
L	194m S	Railway Building	1894	2274759
L	195m S	Railway Building	1898	2180120
L	195m S	Railway Building	1894	2215196
L	196m S	Railway Building	1894	2257963
L	198m S	Railway Station	1873	2180675
L	198m S	Railway Buildings	1979	2247858
L	198m S	Railway Buildings	1973	2227847
L	198m S	Railway Buildings	1993	2247858
L	198m S	Railway Buildings	1968	2227847
L	198m S	Railway Buildings	1987	2247858
L	199m S	Railway Station	1898	2203808
L	200m S	Railway Building	1954	2266928
L	205m S	Railway Station	1871	2286589
N	212m S	Railway Building	1938	2286909
N	212m S	Railway Building	1920	2286909
N	214m S	Railway Building	1894	2200388
N	216m S	Railway Building	1954	2229303
N	217m S	Railway Building	1894	2200388
N	217m S	Railway Building	1962	2229303
L	271m S	Railway Building	1894	2149387
U	282m S	Railway Sidings	1898	2281876
V	292m SE	Unspecified Workhouse	1894	2225074



ID	Location	Land Use	Date	Group ID
V	299m SE	Unspecified Workhouse	1894	2225074
V	301m SE	Workhouses	1898	2157913
Y	303m NE	Nursery	1873	2284691
V	303m SE	Unspecified Workhouse	1894	2234950
Y	312m NE	Nursery	1898	2273646
Y	337m NE	Nursery	1871	2242147
U	352m S	Railway Buildings	1894	2163765
AK	477m SW	Brewery	1894	2259943
AK	478m SW	Brewery	1894	2285435
AK	479m SW	Brewery	1898	2221825
AL	479m SW	Railway Sidings	1938	2270166
AL	479m SW	Railway Sidings	1920	2270166
AK	480m SW	Brewery	1894	2285435
AL	485m SW	Railway Sidings	1894	2254076

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	11
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Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'. Features are displayed on the Past land use - un-grouped map on **page 21**

ID	Location	Land Use	Date	Group ID
N	214m S	Unspecified Tank	1916	384651
N	215m S	Unspecified Tank	1953	388971
N	215m S	Unspecified Tank	1950	388971
N	216m S	Unspecified Tank	1953	388971
N	216m S	Unspecified Tank	1950	388971
T	254m E	Unspecified Tank	1979	404014



ID	Location	Land Use	Date	Group ID
T	255m E	Unspecified Tank	1991	404014
T	256m E	Unspecified Tank	1991	404014
AE	426m SW	Unspecified Tank	1950	385406
AE	426m SW	Unspecified Tank	1960	388219
AE	426m SW	Unspecified Tank	1960	384064

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m	169
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Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'. Features are displayed on the Past land use - un-grouped map on **page 21**

ID	Location	Land Use	Date	Group ID
A	On site	Electricity Substation	1953	267940
A	On site	Electricity Substation	1953	267940
C	On site	Electricity Substation	1993	276769
C	On site	Electricity Substation	1996	276769
C	On site	Electricity Substation	1989	283016
C	On site	Electricity Substation	1991	283016
C	On site	Electricity Substation	1998	276769
C	On site	Electricity Substation	1991	276769
C	On site	Electricity Substation	1993	276769
F	92m N	Electricity Substation	1969	287742
F	92m N	Electricity Substation	1993	277164
F	92m N	Electricity Substation	1970	283351
F	92m N	Electricity Substation	1991	257689
F	92m N	Electricity Substation	1993	257689
F	93m N	Electricity Substation	1978	287742



ID	Location	Land Use	Date	Group ID
F	93m N	Electricity Substation	1985	287742
F	93m N	Electricity Substation	1989	287742
F	93m N	Electricity Substation	1991	287742
F	100m N	Electricity Substation	1950	274364
F	100m N	Electricity Substation	1950	274364
G	107m N	Electricity Substation	1969	263607
G	107m N	Electricity Substation	1993	263607
G	107m N	Electricity Substation	1996	263607
G	107m N	Electricity Substation	1998	263607
G	107m N	Electricity Substation	1991	263607
G	107m N	Electricity Substation	1993	263607
G	108m N	Electricity Substation	1970	283922
G	108m N	Electricity Substation	1978	275224
G	108m N	Electricity Substation	1985	275224
G	108m N	Electricity Substation	1989	275224
G	108m N	Electricity Substation	1991	275224
I	127m E	Electricity Substation	1969	268123
I	127m E	Electricity Substation	1991	257818
I	128m E	Electricity Substation	1970	268123
I	128m E	Electricity Substation	1993	268123
I	128m E	Electricity Substation	1991	268123
I	134m E	Electricity Substation	1979	248275
H	142m S	Electricity Substation	1985	281139
H	142m S	Electricity Substation	1991	281139
J	143m SE	Electricity Substation	1970	277061
J	143m SE	Electricity Substation	1969	277061
H	143m S	Electricity Substation	1993	281139
H	143m S	Electricity Substation	1991	281139



ID	Location	Land Use	Date	Group ID
J	145m SE	Electricity Substation	1993	291181
J	145m SE	Electricity Substation	1991	291181
L	155m S	Electricity Substation	1985	255238
L	155m S	Electricity Substation	1991	254020
M	158m S	Electricity Substation	1969	285007
M	158m S	Electricity Substation	1970	285007
M	159m S	Electricity Substation	1985	285007
M	159m S	Electricity Substation	1991	285007
M	161m S	Electricity Substation	1993	285007
M	161m S	Electricity Substation	1991	285007
L	163m S	Electricity Substation	1969	254174
L	166m S	Electricity Substation	1993	256094
L	167m S	Electricity Substation	1991	255030
O	183m NW	Electricity Substation	1978	260132
O	183m NW	Electricity Substation	1985	260132
O	183m NW	Electricity Substation	1989	260132
O	183m NW	Electricity Substation	1991	260132
O	184m NW	Electricity Substation	1969	269525
O	184m NW	Electricity Substation	1993	269525
O	184m NW	Electricity Substation	1996	269525
O	184m NW	Electricity Substation	1991	269525
O	184m NW	Electricity Substation	1993	269525
O	184m NW	Electricity Substation	1970	269525
P	208m N	Electricity Substation	1969	285228
P	209m N	Electricity Substation	1993	285228
P	209m N	Electricity Substation	1996	285228
P	209m N	Electricity Substation	1998	285228
P	209m N	Electricity Substation	1991	285228



ID	Location	Land Use	Date	Group ID
AD	404m S	Electricity Substation	1991	270720
AD	404m S	Electricity Substation	1970	270720
AD	404m S	Electricity Substation	1969	270720
AD	405m S	Electricity Substation	1993	270720
AD	405m S	Electricity Substation	1991	270720
AF	437m S	Electricity Substation	1993	270159
AF	437m S	Electricity Substation	1991	270159
AF	439m S	Electricity Substation	1969	272515
AF	439m S	Electricity Substation	1953	272515
AF	439m S	Electricity Substation	1985	272515
AF	439m S	Electricity Substation	1991	272515
AF	439m S	Electricity Substation	1970	272515
AG	443m S	Electricity Substation	1993	248287
AG	448m S	Electricity Substation	1991	257533
AG	449m S	Electricity Substation	1985	257533
AG	449m S	Electricity Substation	1991	257533
AG	449m S	Electricity Substation	1969	257533
AG	449m S	Electricity Substation	1970	272371
AH	462m NW	Electricity Substation	1997	289264
AH	462m NW	Electricity Substation	1999	289264
AH	462m NW	Electricity Substation	1999	289264
AH	462m NW	Electricity Substation	1995	289264
AH	462m NW	Electricity Substation	1991	289264
AH	462m NW	Electricity Substation	1995	289264
AH	464m NW	Electricity Substation	1978	289264
AH	464m NW	Electricity Substation	1954	289264
AH	464m NW	Electricity Substation	1991	289264
AJ	475m W	Electricity Substation	1991	269078



ID	Location	Land Use	Date	Group ID
AJ	476m W	Electricity Substation	1998	269078
AJ	476m W	Electricity Substation	1997	269078
AJ	476m W	Electricity Substation	1999	269078
AJ	476m W	Electricity Substation	1992	269078
AJ	476m W	Electricity Substation	1998	269078
AJ	476m W	Electricity Substation	1999	269078
AJ	476m W	Electricity Substation	1991	269078
AJ	476m W	Electricity Substation	1978	269078
AM	488m NE	Electricity Substation	1986	259507
AM	488m NE	Electricity Substation	1985	259507
AM	488m NE	Electricity Substation	1991	259507
AM	488m NE	Electricity Substation	1991	259507
AM	489m NE	Electricity Substation	1972	259507
AJ	496m W	Electricity Substation	1950	248280

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

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

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m	32
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Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 21**



ID	Location	Land Use	Date	Group ID
B	On site	London Transport Garage	1989	84720
B	On site	London Transport Garage	1991	84720
B	On site	London Transport Garage	1991	75880
B	On site	London Transport Garage	1993	77832
B	On site	London Transport Garage	1993	77982
B	On site	London Transport Garage	1978	80621
B	On site	London Transport Garage	1985	80621
B	On site	London Transport Garage	1969	84548
B	On site	London Transport Garage	1962	84548
B	On site	London Transport Garage	1953	75388
D	On site	London Transport Garage	1970	82816
D	On site	London Transport Garage	1953	82816
E	36m W	London Transport Garage	1989	84185
E	36m W	London Transport Garage	1991	84185
E	36m W	London Transport Garage	1978	84185
E	36m W	London Transport Garage	1985	84185
E	50m W	London Transport Garage	1970	85902
E	50m W	London Transport Garage	1953	85902
E	50m W	London Transport Garage	1969	85902
E	50m W	London Transport Garage	1962	85902
E	50m W	London Transport Garage	1953	79254
E	51m W	Transport Garage	1991	73963
R	212m N	Garage	1953	76698
R	212m N	Garage	1970	78253
R	212m N	Garage	1953	77719
R	213m N	Garage	1969	80239
R	213m N	Garage	1962	80239
X	299m SE	Bus Garage	1995	84056

ID	Location	Land Use	Date	Group ID
X	299m SE	Bus Garage	1995	84056
Al	471m W	Garage	1991	76173
Al	471m W	Garage	1978	78109
Al	472m W	Garage	1991	77277

This data is sourced from Ordnance Survey / Groundsure.

3 Waste and landfill



3.1 Active or recent landfill

Records within 500m	0
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Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation.
This data is sourced from the Environment Agency and Natural Resources Wales.

3.2 Historical landfill (BGS records)

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

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.
This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

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

Landfill sites identified from Local Authority records and high detail historical mapping.
This data is sourced from the Ordnance Survey/Groundsure and Local Authority records.

3.4 Historical landfill (EA/NRW records)

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

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

3.5 Historical waste sites

Records within 500m	0
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Waste site records derived from Local Authority planning records and high detail historical mapping.
This data is sourced from Ordnance Survey/Groundsure and Local Authority records.

3.6 Licensed waste sites

Records within 500m	1
---------------------	---

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.
Features are displayed on the Waste and landfill map on **page 34**

ID	Location	Details		
2	407m SE	Site Name: Blackpool Works, Blackpool Rd, SE15 Site Address: G F Denton & Sons Ltd, Blackpool Works, Blackpool Road, London, SE15 3SU Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: DEN001 EPR reference: EA/EPR/TP3690EB/S002 Operator: G F Denton & Sons Ltd Waste Management licence No: 83295 Annual Tonnage: 30000	Issue Date: 22/09/1992 Effective Date: - Modified: - Surrendered Date: Jun 30 1998 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered

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

3.7 Waste exemptions

Records within 500m	9
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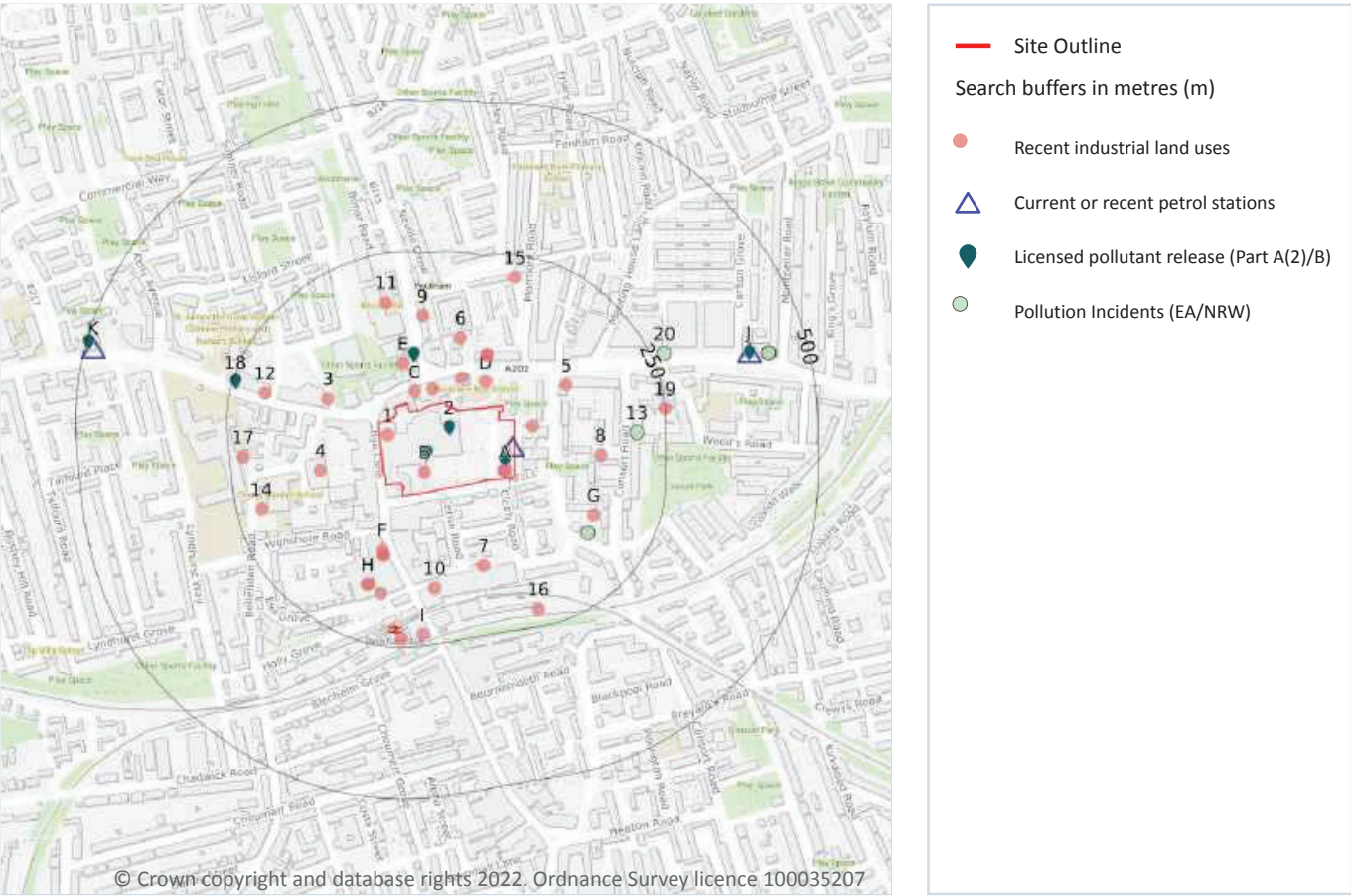
Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to. Features are displayed on the Waste and landfill map on **page 34**

ID	Location	Site	Reference	Category	Sub-Category	Description
A	92m NE	Peckham 151 Peckham High Street LONDON SE15 5SL	EPR/EE5982LX /A001	Treating waste exemption	Non-Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
A	123m NE	151, PECKHAM HIGH STREET, LONDON, SE15 5SL	WEX197611	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
1	273m NE	136-154, MEETING HOUSE LANE, LONDON, SE15 2UA	WEX163840	Using waste exemption	Not on a Farm	Use of waste in construction
B	407m S	169 Rye Lane London SE15 4TL	EPR/LF0600X M/A001	Disposing of waste exemption	Non-Agricultural Waste Only	Disposal by incineration
B	407m S	169 Rye Lane London SE15 4TL	EPR/LF0600X M/A001	Treating waste exemption	Non-Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
B	422m S	169 Rye Lane London SE15 4TL	EPR/DE5386ZE /A001	Treating waste exemption	Non-Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
B	423m S	169, RYE LANE, LONDON, SE15 4TL	WEX057687	Storing waste exemption	Not on a farm	Storage of waste in a secure place
B	423m S	169, RYE LANE, LONDON, SE15 4TL	WEX057728	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
3	435m SE	-	WEX261561	Disposing of waste exemption	Not on a farm	Burning waste in the open

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



4 Current industrial land use



4.1 Recent industrial land uses

Records within 250m	37
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Current potentially contaminative industrial sites. Features are displayed on the Current industrial land use map on **page 37**

ID	Location	Company	Address	Activity	Category
1	On site	Specsavers Hearcare	Unit 3 Aylesham Centre, Rye Lane, London, Greater London, SE15 5EW	Disability and Mobility Equipment	Consumer Products
A	On site	Morrisons Petrol Station	Unit 18 Aylesham Centre, Rye Lane, London, Greater London, SE15 5EW	Petrol and Fuel Stations	Road and Rail



ID	Location	Company	Address	Activity	Category
A	On site	Morrisons Car Wash	Aylesham Centre Rye Lane, Southwark, London, Greater London, SE15 5EW	Vehicle Cleaning Services	Personal, Consumer and Other Services
B	On site	Electricity Sub Station	Greater London, SE15	Electrical Features	Infrastructure and Facilities
C	23m NE	Bilex Properties	92, Peckham High Street, London, Greater London, SE15 5ED	Distribution and Haulage	Transport, Storage and Delivery
C	26m N	St Noren Ltd	104, Peckham High Street, London, Greater London, SE15 5ED	Construction and Tool Hire	Hire Services
A	31m E	Electricity Sub Station	Greater London, SE15	Electrical Features	Infrastructure and Facilities
D	44m N	Peckham Bus Station	Greater London, SE15	Bus and Coach Stations, Depots and Companies	Public Transport, Stations and Infrastructure
D	50m NE	Bilex World Ltd	118-120 Peckham High Street, Southwark, London, Greater London, SE15 5ED	Distribution and Haulage	Transport, Storage and Delivery
E	67m N	Electricity Sub Station	Greater London, SE15	Electrical Features	Infrastructure and Facilities
D	88m N	Cake Shop	131, Peckham High Street, London, Greater London, SE15 5SL	Baking and Confectionery	Foodstuffs
D	88m N	Go Cake Shop	131, Peckham High Street, London, Greater London, SE15 5SL	Baking and Confectionery	Foodstuffs
3	92m NW	Electricity Sub Station	Greater London, SE15	Electrical Features	Infrastructure and Facilities
F	96m S	Jingin	46, Rye Lane, London, Greater London, SE15 5BY	Jewellery, Gems, Clocks and Watches	Consumer Products
F	103m S	Fashion Collection	48, Rye Lane, London, Greater London, SE15 5BY	Luggage, Bags, Umbrellas and Travel Accessories	Consumer Products
F	103m S	Peckham Rye Computer Services	48 Rye Lane, Southwark, London, Greater London, SE15 5BY	Electrical Equipment Repair and Servicing	Repair and Servicing
F	103m S	Premier	48, Rye Lane, London, Greater London, SE15 5BY	Baking and Confectionery	Foodstuffs
4	103m W	Yannis Motors	5, Bellenden Road, London, Greater London, SE15 5BA	Vehicle Repair, Testing and Servicing	Repair and Servicing
5	104m NE	E & E Cargo Ltd	182, Peckham High Street, London, Greater London, SE15 5EG	Distribution and Haulage	Transport, Storage and Delivery



ID	Location	Company	Address	Activity	Category
6	111m N	Electricity Sub Station	Greater London, SE15	Electrical Features	Infrastructure and Facilities
7	137m S	Electricity Sub Station	Greater London, SE15	Electrical Features	Infrastructure and Facilities
8	142m E	Electricity Sub Station	Greater London, SE15	Electrical Features	Infrastructure and Facilities
G	145m SE	Electricity Sub Station	Greater London, SE15	Electrical Features	Infrastructure and Facilities
9	147m N	Peckham Spares	151, Peckham Hill Street, London, Greater London, SE15 5JZ	Vehicle Parts and Accessories	Motoring
H	158m S	A D E Graphic & Desgin Printing Services	48, Rye Lane, London, Greater London, SE15 5BY	Published Goods	Industrial Products
H	158m S	786 Textiles	48, Rye Lane, London, Greater London, SE15 5BY	Beds and Bedding	Consumer Products
10	159m S	Electricity Sub Station	Greater London, SE15	Electrical Features	Infrastructure and Facilities
H	165m S	Electricity Sub Station	Greater London, SE15	Electrical Features	Infrastructure and Facilities
11	169m N	Electricity Sub Station	Greater London, SE15	Electrical Features	Infrastructure and Facilities
12	194m W	Computers 4 U	25, Peckham High Street, London, Greater London, SE15 5EB	Electrical Equipment Repair and Servicing	Repair and Servicing
14	210m W	Electricity Sub Station	Greater London, SE15	Electrical Features	Infrastructure and Facilities
15	214m N	Electricity Sub Station	Greater London, SE15	Electrical Features	Infrastructure and Facilities
16	222m S	Mast (Telecommu nication)	Greater London, SE15	Telecommunications Features	Infrastructure and Facilities
17	228m W	Electricity Sub Station	Greater London, SE15	Electrical Features	Infrastructure and Facilities
I	231m S	Abdul Internet	78, Rye Lane, London, Greater London, SE15 4RY	Published Goods	Industrial Products



ID	Location	Company	Address	Activity	Category
I	236m S	Peckham Rye Rail Station	Greater London, SE15	Railway Stations, Junctions and Halts	Public Transport, Stations and Infrastructure
19	249m E	Electricity Sub Station	Greater London, SE15	Electrical Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	3
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Open, closed, under development and obsolete petrol stations.
Features are displayed on the Current industrial land use map on **page 37**

ID	Location	Company	Address	LPG	Status
A	On site	MORRISON S	Hanover Park, Peckham, London, Inner London, SE15 5HS	No	Open
J	403m E	OBSOLETE	83-89, Queens Road, Carlton Grove, Peckham, London, Inner London, SE15 2EZ	Not Applicable	Obsolete
K	487m W	BP	95, Peckham Road, Peckham, London, Inner London, SE15 5LJ	Not Applicable	Obsolete

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0
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High voltage underground electricity transmission cables.
This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0
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High pressure underground gas transmission pipelines.
This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m	0
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Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.
This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m	0
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Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.
This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m	0
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Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.
This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m	0
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Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.
This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m	0
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Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.
This data is sourced from the Environment Agency and Natural Resources Wales.

4.10 Licensed industrial activities (Part A(1))

Records within 500m	0
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Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

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

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

Records within 500m	7
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Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on **page 37**

ID	Location	Address	Details	
2	On site	Timpsons Ltd, c/o WM Morrison Supermarkets PLC, Aylesham Centre, Rye Lane, London, SE15 1SF	Process: Dry Cleaning Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
A	On site	Morrisons Petrol Filling Station, Aylesham Centre, Rye Lane, Peckham, SE15 1SF	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
B	On site	Morrison Petrol Filling Station, Aylesham Centre, Rye Lane, Peckham, SE15 1SF	Process: Unloading of Petrol into Storage at Service Stations Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
E	81m N	Easy Clean Dry Cleaners, 126 Peckham Hill Street, London, SE15 5JT	Process: Dry Cleaning Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
18	245m W	Archer Dry Cleaning, 5 Peckham High Street, London, SE15 5EB	Process: Dry Cleaning Status: Revoked Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

ID	Location	Address	Details	
J	403m E	Carlton Service Station, 83 - 89 Queens Road, London, SE15 2EZ	Process: Unloading of Petrol into Storage at Service Stations Status: Revoked Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
K	496m W	BP Connect, 95 Peckham Rd, SE15 5LJ	Process: Unloading of Petrol into Storage at Service Stations Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

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

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

4.13 Licensed Discharges to controlled waters

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

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

4.14 Pollutant release to surface waters (Red List)

Records within 500m	0
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Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

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

4.15 Pollutant release to public sewer

Records within 500m	0
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Discharges of Special Category Effluents to the public sewer.

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

4.16 List 1 Dangerous Substances

Records within 500m	0
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Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

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

4.17 List 2 Dangerous Substances

Records within 500m	0
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Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

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

4.18 Pollution Incidents (EA/NRW)

Records within 500m	5
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Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

Features are displayed on the Current industrial land use map on **page 37**

ID	Location	Details	
G	153m SE	Incident Date: 04/03/2002 Incident Identification: 80334 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
13	202m E	Incident Date: 15/08/2002 Incident Identification: 100377 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
20	270m NE	Incident Date: 19/03/2003 Incident Identification: 144314 Pollutant: Specific Waste Materials Pollutant Description: Asbestos	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
J	435m E	Incident Date: 29/09/2002 Incident Identification: 111302 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)

ID	Location	Details	
J	435m E	Incident Date: 29/09/2002 Incident Identification: 111302 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)

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

4.19 Pollution inventory substances

Records within 500m	0
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The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

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

4.20 Pollution inventory waste transfers

Records within 500m	0
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The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

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

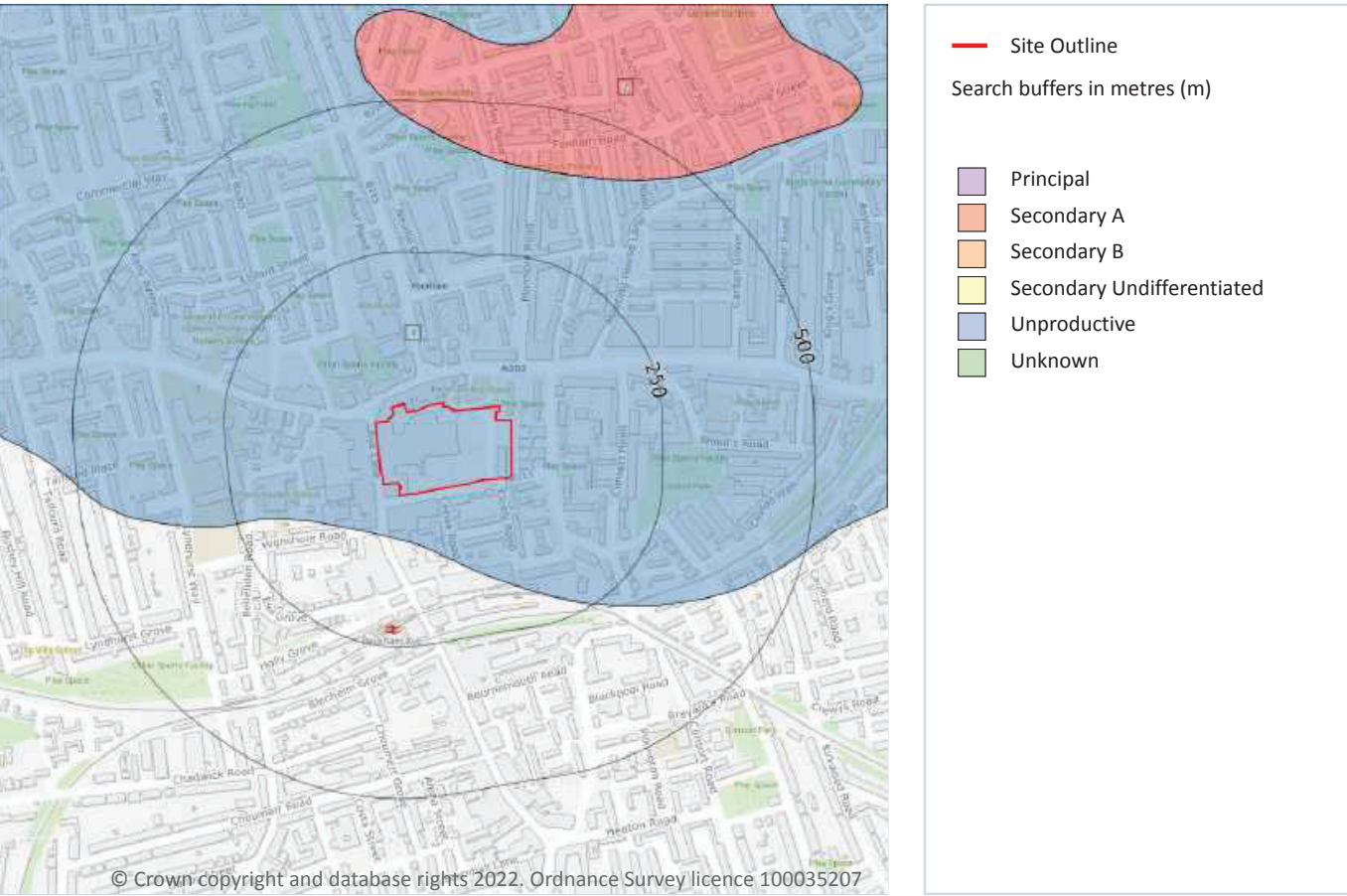
4.21 Pollution inventory radioactive waste

Records within 500m	0
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The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

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

5 Hydrogeology - Superficial aquifer



5.1 Superficial aquifer

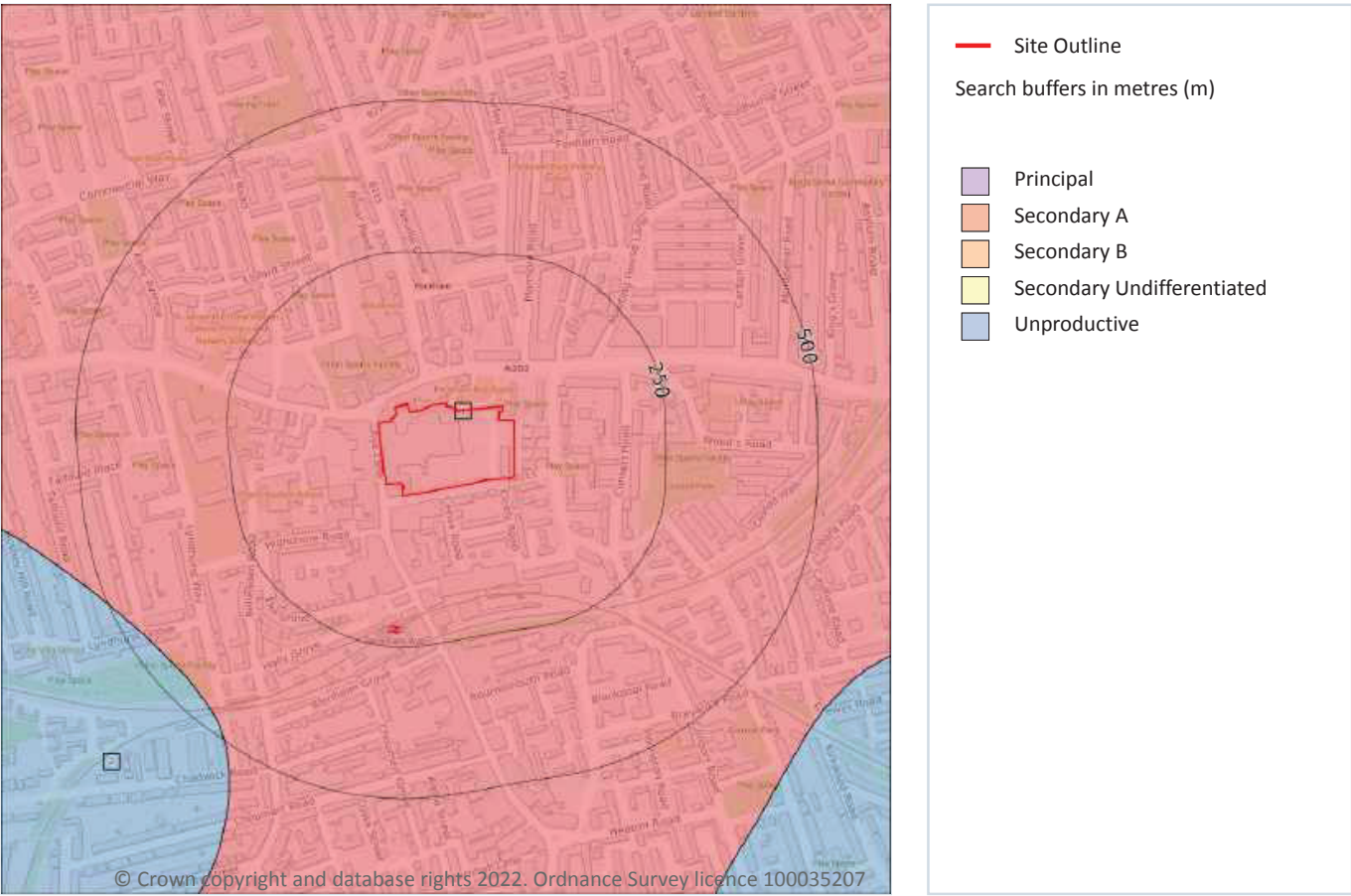
Records within 500m	2
---------------------	---

Aquifer status of groundwater held within superficial geology.
Features are displayed on the Hydrogeology map on **page 46**

ID	Location	Designation	Description
1	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
2	396m N	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

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

Bedrock aquifer



5.2 Bedrock aquifer

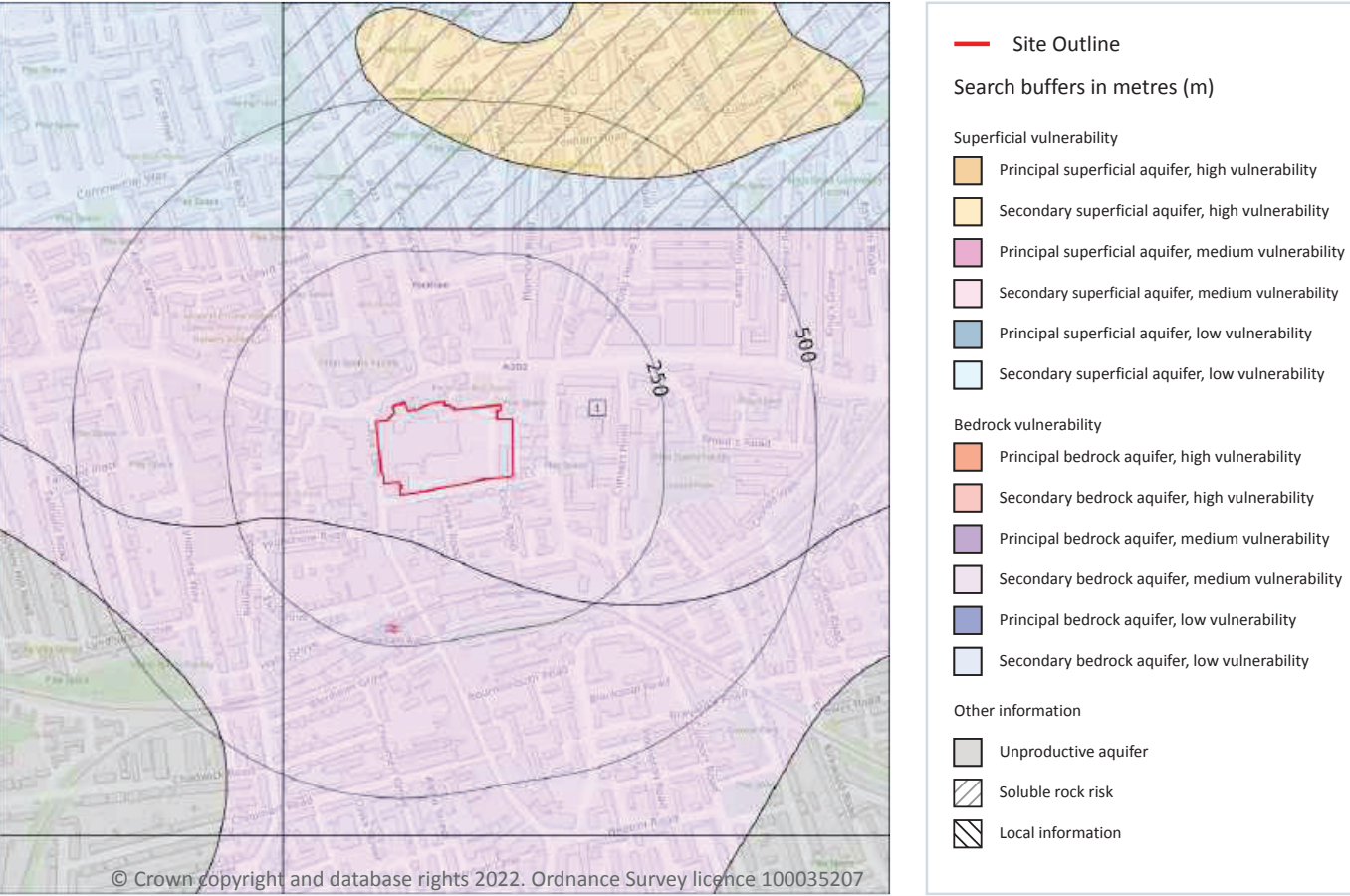
Records within 500m	2
---------------------	---

Aquifer status of groundwater held within bedrock geology.
Features are displayed on the Bedrock aquifer map on **page 47**

ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	458m SW	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

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

Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m	1
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An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

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

Features are displayed on the Groundwater vulnerability map on **page 48**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Low Infiltration value: >70% Dilution value: 300-550mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: 3-10m Patchiness value: <90% Recharge potential: High	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Mixed

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

5.4 Groundwater vulnerability- soluble rock risk

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

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

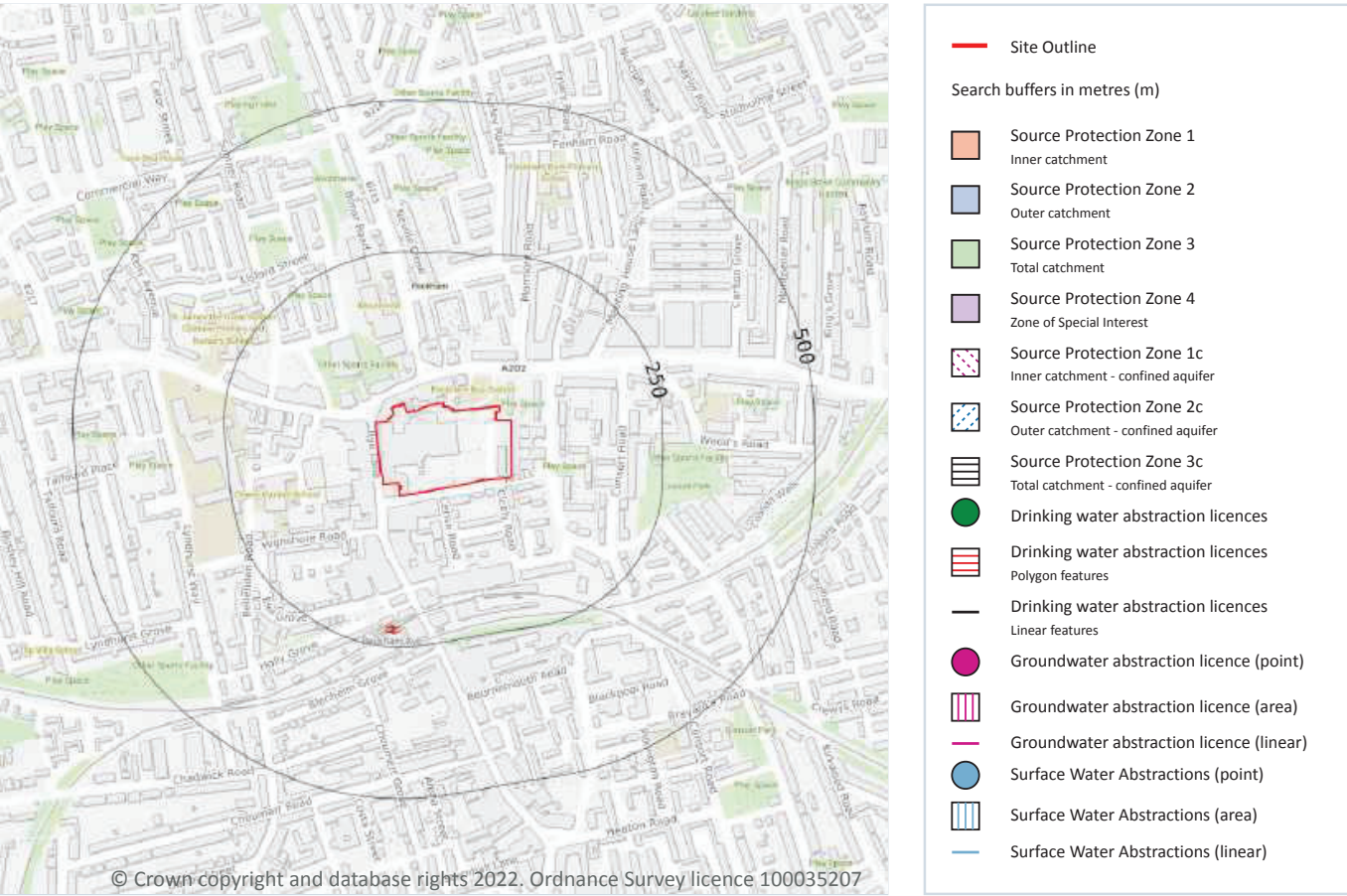
5.5 Groundwater vulnerability- local information

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

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

Abstractions and Source Protection Zones



5.6 Groundwater abstractions

Records within 2000m	13
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Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 50**

ID	Location	Details	
-	1231m N	Status: Active Licence No: TH/039/0042/069 Details: Dewatering Direct Source: THAMES GROUNDWATER Point: SHAFTS & ADITS AT NEW CROSS SHAFTS Data Type: Poly4 Name: Hochtief-Murphy Joint Venture Easting: 534820 Northing: 177904	Annual Volume (m³): 313,632 Max Daily Volume (m³): 1,296 Original Application No: NPS WR/033893 Original Start Date: 23/02/2021 Expiry Date: 30/06/2023 Issue No: 1 Version Start Date: 23/02/2021 Version End Date: -
-	1386m NE	Status: Historical Licence No: 28/39/42/0043 Details: Non-Evaporative Cooling Direct Source: THAMES GROUNDWATER Point: DEPTFORD, LONDON, - BOREHOLE 'F' Data Type: Point Name: NATIONAL GRID CO PLC Easting: 535500 Northing: 177500	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 01/08/1979 Expiry Date: - Issue No: 100 Version Start Date: 01/08/1979 Version End Date: -
-	1404m NE	Status: Historical Licence No: 28/39/42/0043 Details: Non-Evaporative Cooling Direct Source: THAMES GROUNDWATER Point: DEPTFORD, LONDON - BOREHOLE 'F' Data Type: Point Name: NATIONAL GRID CO PLC Easting: 535470 Northing: 177570	Annual Volume (m³): 598980 Max Daily Volume (m³): 1636.56 Original Application No: - Original Start Date: 01/08/1979 Expiry Date: - Issue No: 101 Version Start Date: 21/10/2002 Version End Date: -
-	1545m W	Status: Historical Licence No: 28/39/42/0059 Details: Laundry Use Direct Source: THAMES GROUNDWATER Point: LOMOND GROVE, CAMBERWELL, LONDON, BOREHOLE 'A' Data Type: Point Name: SUNLIGHT SERVICE GROUP LTD Easting: 532690 Northing: 177180	Annual Volume (m³): 88650 Max Daily Volume (m³): 341 Original Application No: - Original Start Date: 19/01/2000 Expiry Date: 31/12/2009 Issue No: 1 Version Start Date: 19/01/2000 Version End Date: -
-	1558m W	Status: Historical Licence No: TH/039/0042/005 Details: Laundry Use Direct Source: THAMES GROUNDWATER Point: LOMOND GROVE, CAMBERWELL, LONDON, BOREHOLE 'A' Data Type: Point Name: SUNLIGHT SERVICE GROUP LTD Easting: 532681 Northing: 177193	Annual Volume (m³): 88650 Max Daily Volume (m³): 341 Original Application No: - Original Start Date: 11/06/2010 Expiry Date: 11/06/2011 Issue No: 1 Version Start Date: 11/06/2010 Version End Date: -

ID	Location	Details	
-	1558m W	Status: Active Licence No: TH/039/0042/013 Details: Laundry Use Direct Source: THAMES GROUNDWATER Point: LOMOND GROVE, CAMBERWELL, LONDON, BOREHOLE ' A ' Data Type: Point Name: Elis UK Ltd Easting: 532681 Northing: 177193	Annual Volume (m³): 88,650 Max Daily Volume (m³): 341 Original Application No: NPS/WR/033347 Original Start Date: 11/06/2010 Expiry Date: 31/03/2025 Issue No: 3 Version Start Date: 14/02/2020 Version End Date: -
-	1665m SW	Status: Historical Licence No: 28/39/42/0055 Details: General use relating to Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: DULWICH HOSPITAL, SOUTHWARK, BOREHOLE 'A' Data Type: Point Name: KINGS HEALTHCARE NHS TRUST Easting: 533310 Northing: 175150	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 02/11/1998 Expiry Date: 31/12/2004 Issue No: 100 Version Start Date: 02/11/1998 Version End Date: -
-	1665m SW	Status: Historical Licence No: 28/39/42/0075 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: DULWICH HOSPITAL, SOUTHWARK, SE22-BOREHOLE Data Type: Point Name: KINGS HEALTHCARE NHS TRUST Easting: 533310 Northing: 175150	Annual Volume (m³): 50000 Max Daily Volume (m³): 172.8 Original Application No: - Original Start Date: 06/03/2008 Expiry Date: 31/03/2013 Issue No: 1 Version Start Date: 06/03/2008 Version End Date: -
-	1890m W	Status: Historical Licence No: TH/039/0042/010 Details: Heat Pump Direct Source: THAMES GROUNDWATER Point: CUTCOMBE ROAD, LAMBETH, LONDON Data Type: Point Name: King's College London Easting: 532330 Northing: 176130	Annual Volume (m³): 315360 Max Daily Volume (m³): 864 Original Application No: - Original Start Date: 25/05/2012 Expiry Date: 31/03/2019 Issue No: 1 Version Start Date: 25/05/2012 Version End Date: -

ID	Location	Details	
-	1890m W	Status: Active Licence No: TH/039/0042/010/R01 Details: Heat Pump Direct Source: THAMES GROUNDWATER Point: CUTCOMBE ROAD, LAMBETH, LONDON Data Type: Point Name: King's College London Easting: 532330 Northing: 176130	Annual Volume (m³): 315,360 Max Daily Volume (m³): 864 Original Application No: NPS/WR/026787 Original Start Date: 01/04/2019 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 01/04/2019 Version End Date: -
-	1927m SE	Status: Active Licence No: 28/39/43/0016 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HONOR OAK PUMPING STATION Data Type: Point Name: Thames Water Utilities Ltd Easting: 535300 Northing: 174900	Annual Volume (m³): 1,161,527 Max Daily Volume (m³): 4,546.10 Original Application No: RG903 Original Start Date: 13/02/1967 Expiry Date: - Issue No: 100 Version Start Date: 10/07/2014 Version End Date: -
-	1965m W	Status: Active Licence No: TH/039/0042/070 Details: Dewatering Direct Source: THAMES GROUNDWATER Point: WELL IN BENGWORTH SHAFT AREA Data Type: Poly4 Name: Hochtief-Murphy Joint Venture Easting: 532271 Northing: 175895	Annual Volume (m³): 473,040 Max Daily Volume (m³): 1,296 Original Application No: NPS/WR/035105 Original Start Date: 29/09/2021 Expiry Date: 31/12/2022 Issue No: 1 Version Start Date: 29/09/2021 Version End Date: -
-	1965m W	Status: Active Licence No: TH/039/0042/071 Details: Dewatering Direct Source: THAMES GROUNDWATER Point: WELLS AT BENGWORTH SHAFT AREA Data Type: Poly4 Name: Hochtief-Murphy Joint Venture Easting: 532081 Northing: 175980	Annual Volume (m³): 157,680 Max Daily Volume (m³): 432 Original Application No: NPS/WR/034943 Original Start Date: 29/09/2021 Expiry Date: 31/12/2022 Issue No: 1 Version Start Date: 29/09/2021 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m	0
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Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

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

5.8 Potable abstractions

Records within 2000m	1
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Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 50**

ID	Location	Details	
-	1927m SE	Status: Active Licence No: 28/39/43/0016 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HONOR OAK PUMPING STATION Data Type: Point Name: Thames Water Utilities Ltd Easting: 535300 Northing: 174900	Annual Volume (m³): 1,161,527 Max Daily Volume (m³): 4,546.10 Original Application No: RG903 Original Start Date: 13/02/1967 Expiry Date: - Issue No: 100 Version Start Date: 10/07/2014 Version End Date: -

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

5.9 Source Protection Zones

Records within 500m	0
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Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

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

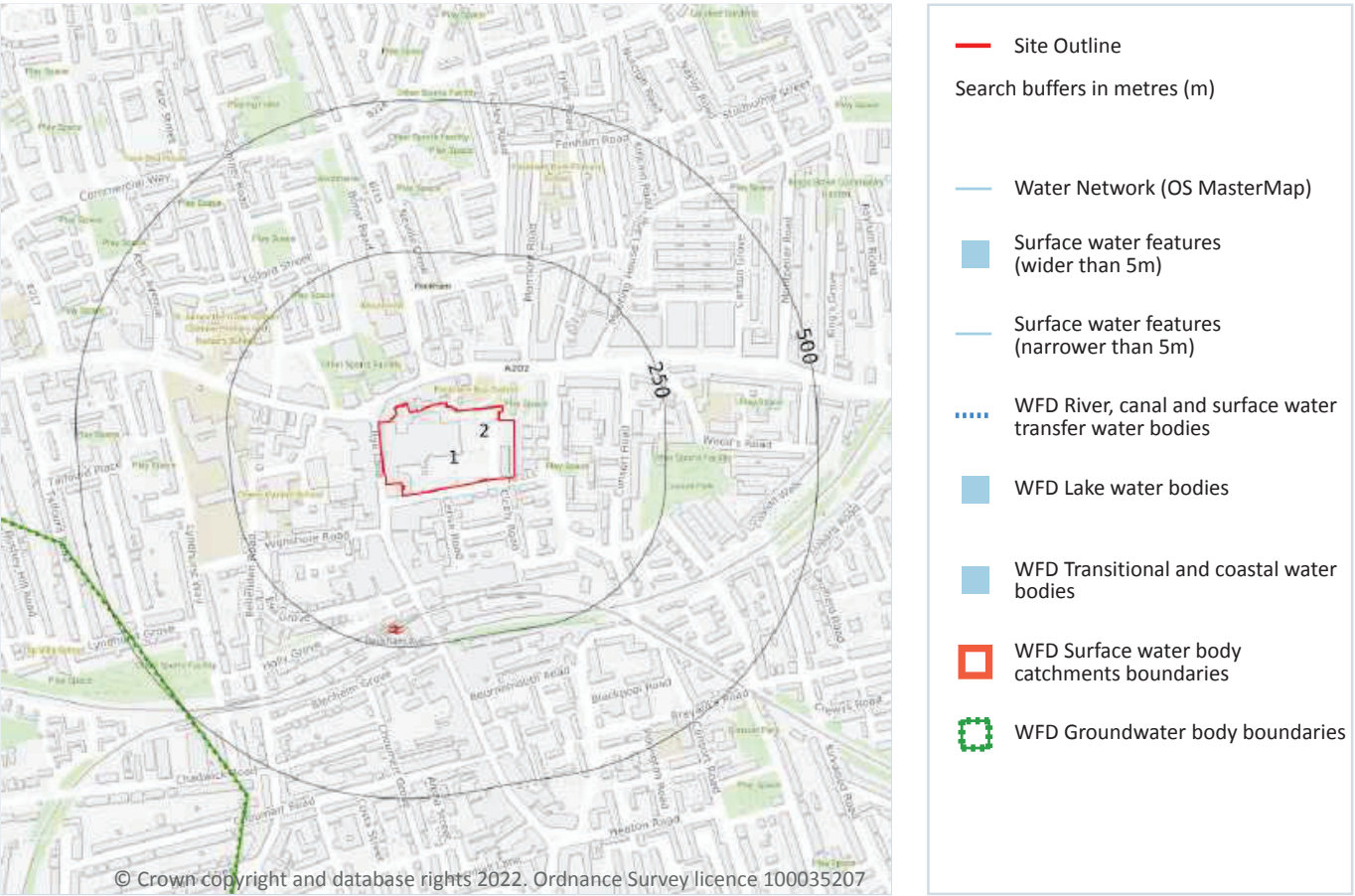
5.10 Source Protection Zones (confined aquifer)

Records within 500m	0
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Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

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

6 Hydrology



6.1 Water Network (OS MasterMap)

Records within 250m	0
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Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	0
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Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	1
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The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on **page 55**

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

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

6.4 WFD Surface water bodies

Records identified	0
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Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed.

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

6.5 WFD Groundwater bodies

Records on site	1
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Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on **page 55**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
2	On site	Greenwich Tertiaries and Chalk	<u>GB40602G602500</u>	Poor	Poor	Poor	2019

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

7 River and coastal flooding

7.1 Risk of flooding from rivers and the sea

Records within 50m	0
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The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m within the Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) models. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition. The risk categories for RoFRaS for rivers and the sea and FRAW for rivers are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 200 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 200 chance) or High (greater than or equal to 1 in 30 chance).

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

7.2 Historical Flood Events

Records within 250m	0
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Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

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

7.3 Flood Defences

Records within 250m	0
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Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

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



7.4 Areas Benefiting from Flood Defences

Records within 250m	0
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Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

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

7.5 Flood Storage Areas

Records within 250m	0
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Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

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



River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m

0

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

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

7.7 Flood Zone 3

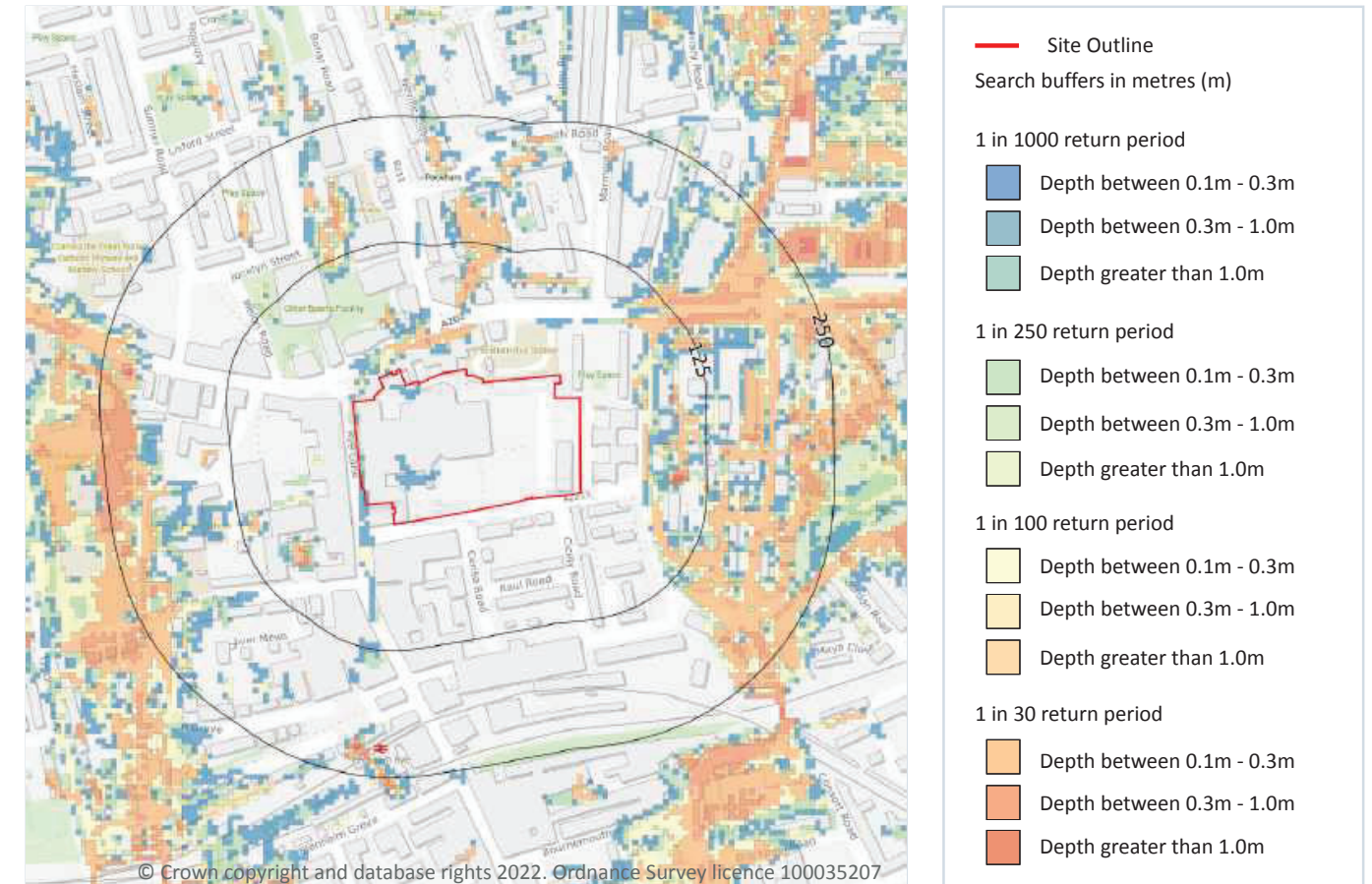
Records within 50m

0

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

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

8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

1 in 250 year, 0.1m - 0.3m

Highest risk within 50m

1 in 30 year, 0.3m - 1.0m

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

Features are displayed on the Surface water flooding map on **page 61**

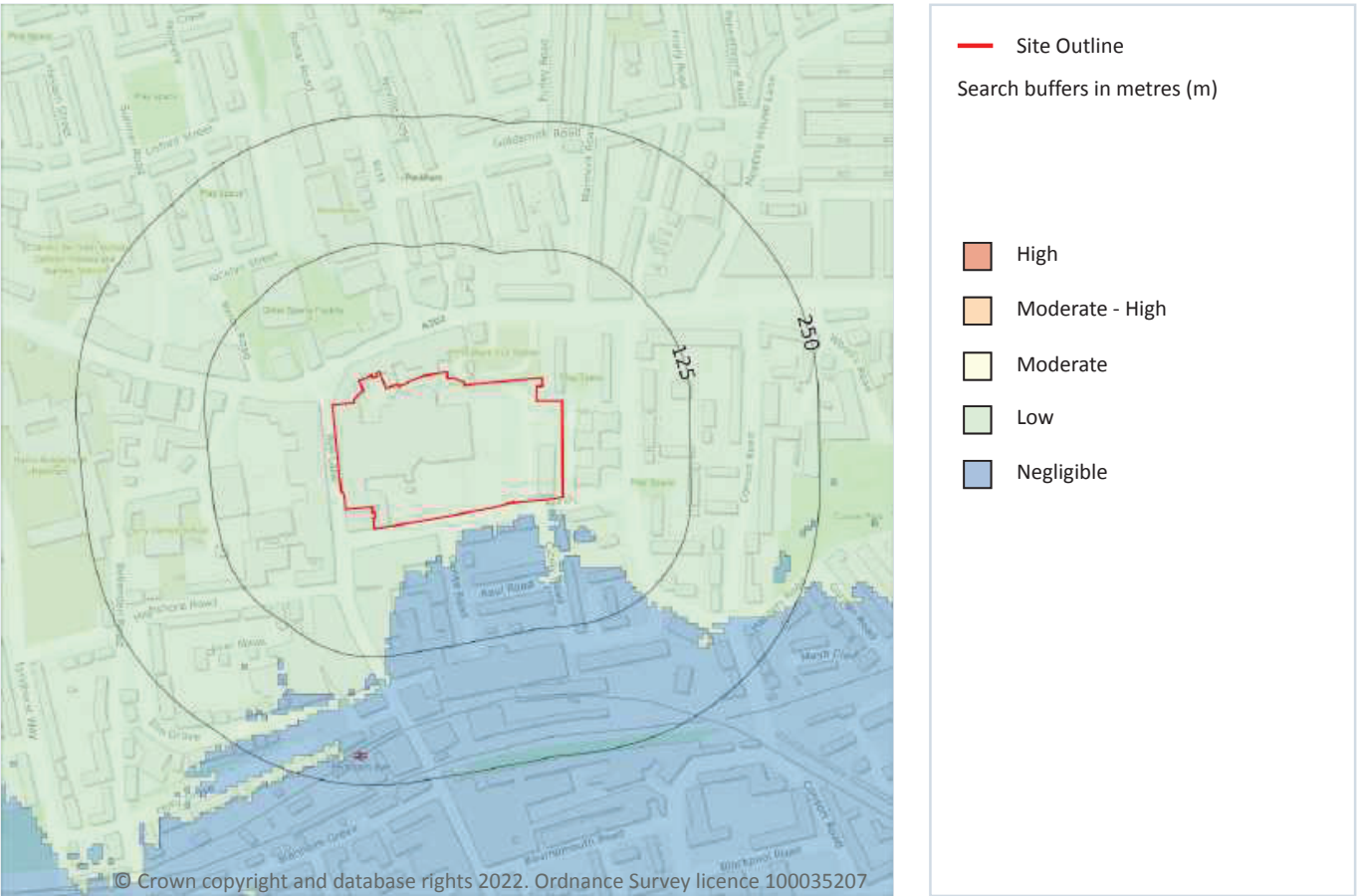
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on

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

Return period	Maximum modelled depth
1 in 1000 year	Between 0.1m and 0.3m
1 in 250 year	Between 0.1m and 0.3m
1 in 100 year	Negligible
1 in 30 year	Negligible

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site Low

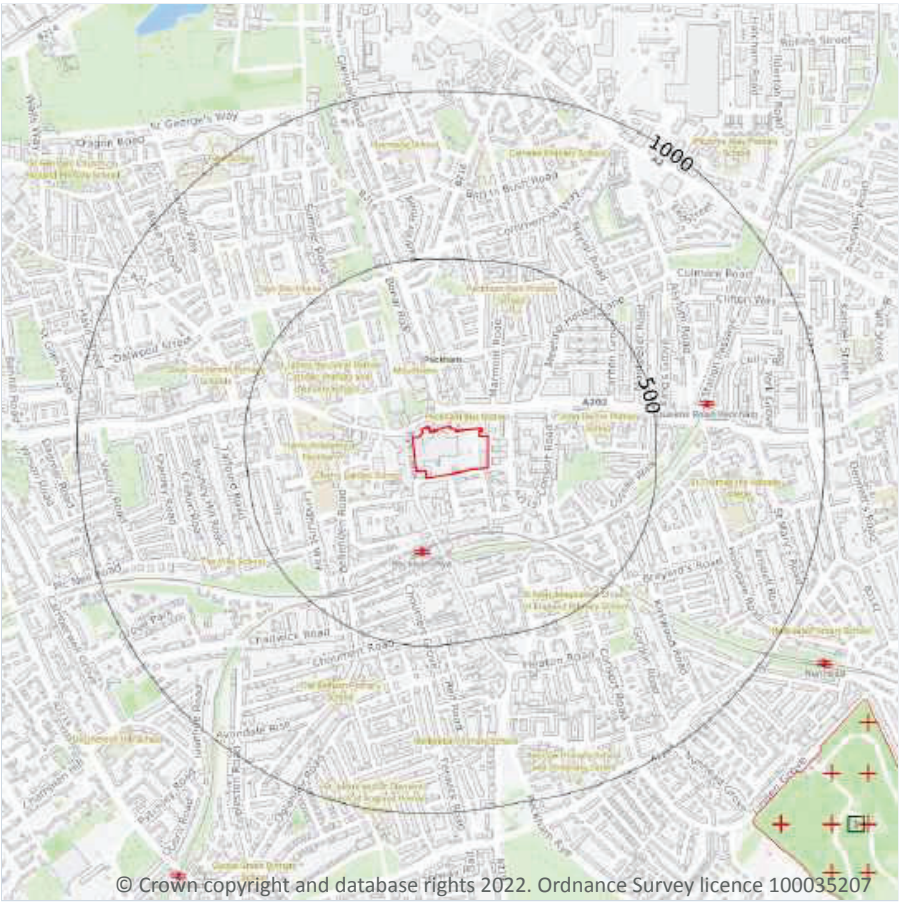
Highest risk within 50m Low

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

Features are displayed on the Groundwater flooding map on **page 63**

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m 0

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

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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m 0

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m 0

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

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

10.4 Special Protection Areas (SPA)

Records within 2000m 0

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

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

10.5 National Nature Reserves (NNR)

Records within 2000m 0

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

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

10.6 Local Nature Reserves (LNR)

Records within 2000m	1
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Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

Features are displayed on the Environmental designations map on **page 64**

ID	Location	Name	Data source
1	1291m SE	Nunhead Cemetery	Natural England

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

10.7 Designated Ancient Woodland

Records within 2000m	0
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Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

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

10.8 Biosphere Reserves

Records within 2000m	0
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Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

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

10.9 Forest Parks

Records within 2000m	0
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These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.



10.10 Marine Conservation Zones

Records within 2000m	0
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A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

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

10.11 Green Belt

Records within 2000m	0
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Areas designated to prevent urban sprawl by keeping land permanently open.

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

10.12 Proposed Ramsar sites

Records within 2000m	0
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Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m	0
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Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

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

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m	0
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Special Protection Areas (SPAs) are areas designated (or 'classified') under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.



10.15 Nitrate Sensitive Areas

Records within 2000m	0
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Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m	0
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Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

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



SSSI Impact Zones and Units

10.17 SSSI Impact Risk Zones

Records on site	0
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Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

This data is sourced from Natural England.

10.18 SSSI Units

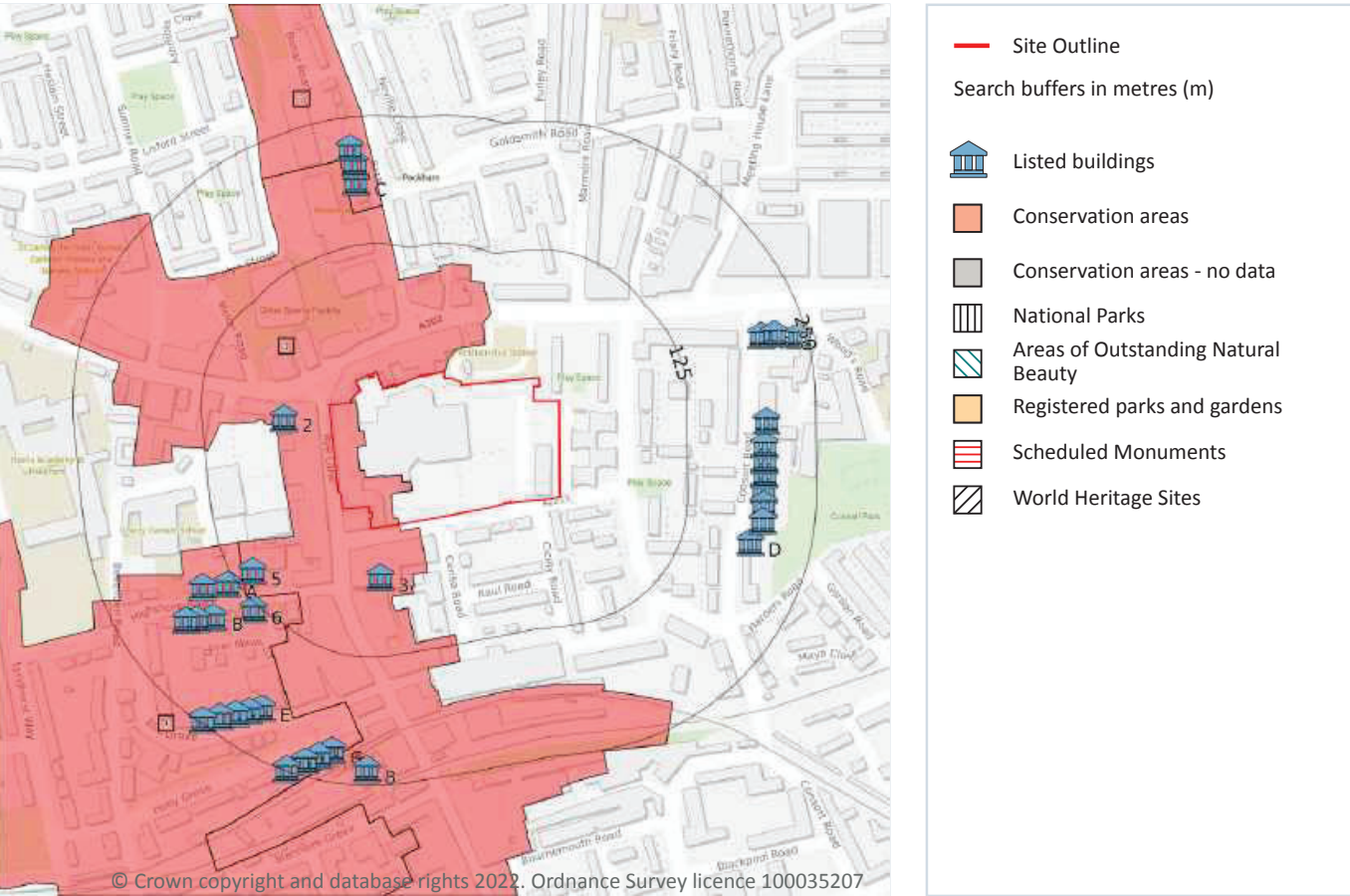
Records within 2000m	0
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Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management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

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



11 Visual and cultural designations



11.1 World Heritage Sites

Records within 250m	0
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Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

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

11.2 Area of Outstanding Natural Beauty

Records within 250m	0
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Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

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

11.3 National Parks

Records within 250m	0
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In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic well-being of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

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

11.4 Listed Buildings

Records within 250m	33
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Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.

Features are displayed on the Visual and cultural designations map on **page 70**

ID	Location	Name	Grade	Reference Number	Listed date
2	45m W	58, Peckham High Street, Rye Lane, Southwark, London, SE15	II	1393491	12/10/2009
3	48m S	Baptist Chapel, Rye Lane, Southwark, London, SE15	II	1385853	27/09/1972
5	106m SW	Post Office Depot, Rye Lane, Southwark, London, SE15	II	1385607	27/09/1972
6	131m SW	7, 9 And 11, Highshore Road, Rye Lane, Southwark, London, SE15	II	1385601	27/09/1972
A	134m SW	8-14, Highshore Road, Rye Lane, Southwark, London, SE15	II	1385602	17/09/1998

ID	Location	Name	Grade	Reference Number	Listed date
A	156m SW	16 And 18, Highshore Road, Rye Lane, Southwark, London, SE15	II	1385603	27/09/1972
B	164m SW	17 And 19, Highshore Road, Rye Lane, Southwark, London, SE15	II	1385604	27/09/1972
B	178m SW	21 And 23, Highshore Road, Rye Lane, Southwark, London, SE15	II	1385605	17/09/1998
C	187m N	106-108, Peckham Hill Street, Peckham, Southwark, London, SE15	II	1385763	27/09/1972
B	188m SW	25, Highshore Road, Rye Lane, Southwark, London, SE15	II	1385606	17/09/1998
D	191m E	17, Consort Road, Nunhead And Queen's Road, Southwark, London, SE15	II	1385443	27/09/1972
D	199m E	Number 11 And Attached Wall, Nunhead And Queen's Road, Southwark, London, SE15	II	1385440	17/09/1998
D	199m E	Number 13 And Attached Wall, Nunhead And Queen's Road, Southwark, London, SE15	II	1385441	17/09/1998
D	199m E	15, Consort Road, Nunhead And Queen's Road, Southwark, London, SE15	II	1385442	17/09/1998
D	200m E	Number 9 And Attached Wall, Nunhead And Queen's Road, Southwark, London, SE15	II	1385439	17/09/1998
D	200m E	Number 7 And Attached Wall, Nunhead And Queen's Road, Southwark, London, SE15	II	1385438	17/09/1998
D	200m E	Number 5 And Attached Wall, Nunhead And Queen's Road, Southwark, London, SE15	II	1385437	17/09/1998
D	202m E	1, Consort Road, Nunhead And Queen's Road, Southwark, London, SE15	II	1385436	17/09/1998
E	204m SW	26, Elm Grove, Rye Lane, Southwark, London, SE15	II	1385512	27/09/1972
C	205m N	102 And 104, Peckham Hill Street, Peckham, Southwark, London, SE15	II	1385762	27/09/1972
F	207m E	2, Queens Road, Nunhead And Queen's Road, Southwark, London, SE15	II	1385793	27/09/1972
E	213m SW	28A And 28B, Elm Grove, Rye Lane, Southwark, London, SE15	II	1385513	27/09/1972
G	219m S	Numbers 5 And 6 And Area Railings, Rye Lane, Southwark, London, SE15	II	1385608	27/09/1972
C	220m N	98 And 100, Peckham Hill Street, Peckham, Southwark, London, SE15	II	1385761	27/09/1972

ID	Location	Name	Grade	Reference Number	Listed date
F	220m E	Queens House, Nunhead And Queen's Road, Southwark, London, SE15	II	1385794	27/09/1972
E	223m SW	30, Elm Grove, Rye Lane, Southwark, London, SE15	II	1385514	27/09/1972
G	227m S	Numbers 7 And 8 And Area Railings, Rye Lane, Southwark, London, SE15	II	1385609	27/09/1972
8	234m S	Peckham Rye Station, Rye Lane, Southwark, London, SE15	II	1392389	31/01/2008
E	235m SW	32A And 32B, Elm Grove, Rye Lane, Southwark, London, SE15	II	1385515	27/09/1972
G	235m S	Numbers 9 And 10 And Area Railings, Rye Lane, Southwark, London, SE15	II	1385610	27/09/1972
F	243m E	6, 8 And 10, Queens Road, Nunhead And Queen's Road, Southwark, London, SE15	II	1385795	27/09/1972
E	246m SW	34, Elm Grove, Rye Lane, Southwark, London, SE15	II	1385516	27/09/1972
G	248m S	Numbers 11-14 And Attached Hand Rails And Area Railings, Rye Lane, Southwark, London, SE15	II	1385611	27/09/1972

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

11.5 Conservation Areas

Records within 250m	3
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Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.

Features are displayed on the Visual and cultural designations map on **page 70**

ID	Location	Name	District	Date of designation
1	On site	Rye Lane Peckham	Southwark	18/10/2011
4	92m SW	Holly Grove	Southwark	06/09/1971
7	156m N	Peckham Hill Street	Southwark	18/10/2011

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

11.6 Scheduled Ancient Monuments

Records within 250m	0
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A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

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

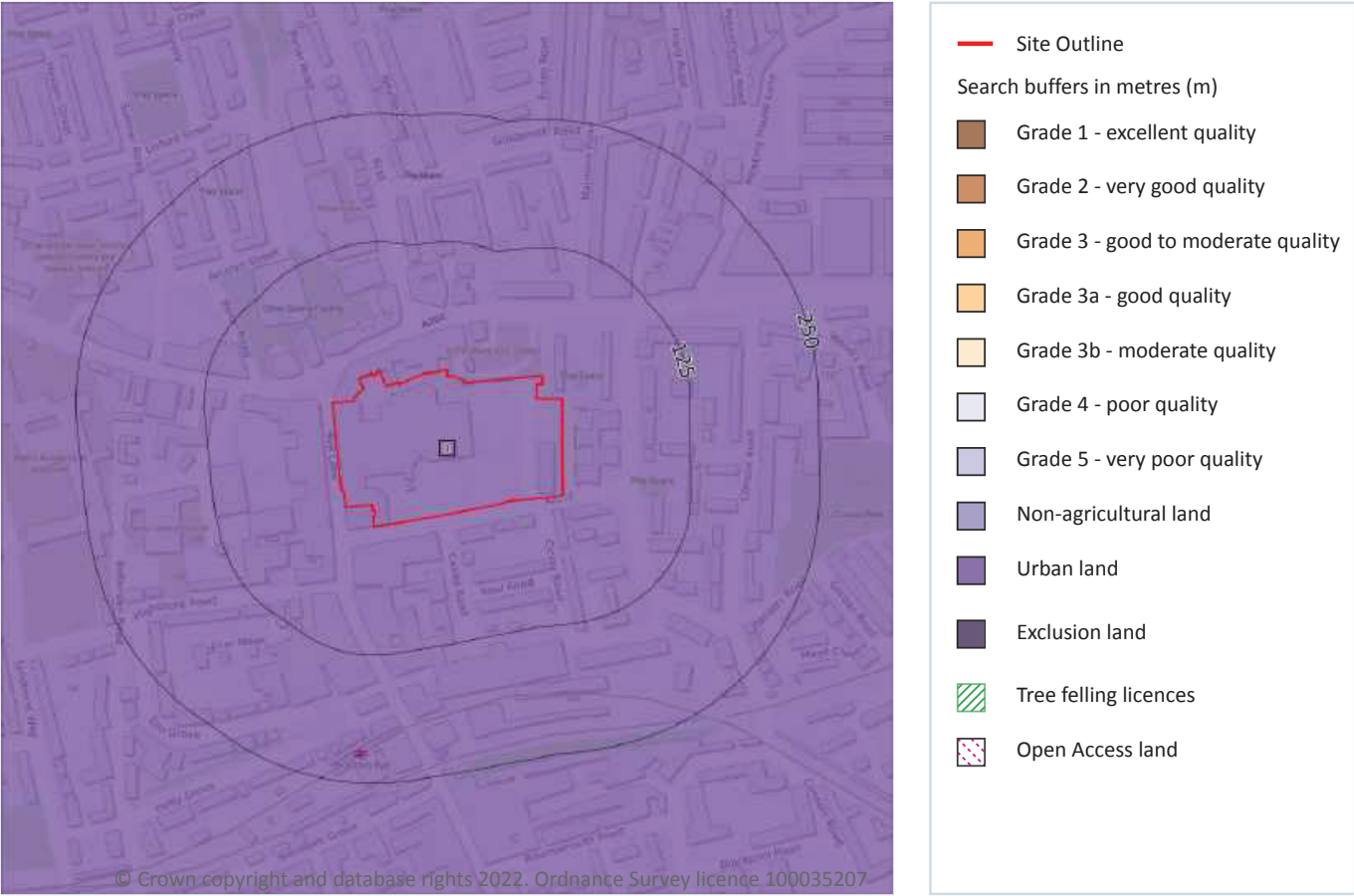
11.7 Registered Parks and Gardens

Records within 250m	0
---------------------	---

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

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

12 Agricultural designations



12.1 Agricultural Land Classification

Records within 250m	1
---------------------	---

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

Features are displayed on the Agricultural designations map on **page 75**

ID	Location	Classification	Description
1	On site	Urban	-

This data is sourced from Natural England.

12.2 Open Access Land

Records within 250m	0
---------------------	---

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

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

12.3 Tree Felling Licences

Records within 250m	0
---------------------	---

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

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m	0
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Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. The schemes identified may be historical schemes that have now expired, or may still be active.

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m	0
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Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

This data is sourced from Natural England.



13 Habitat designations

13.1 Priority Habitat Inventory

Records within 250m	0
---------------------	---

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

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m	0
---------------------	---

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

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m	0
---------------------	---

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

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

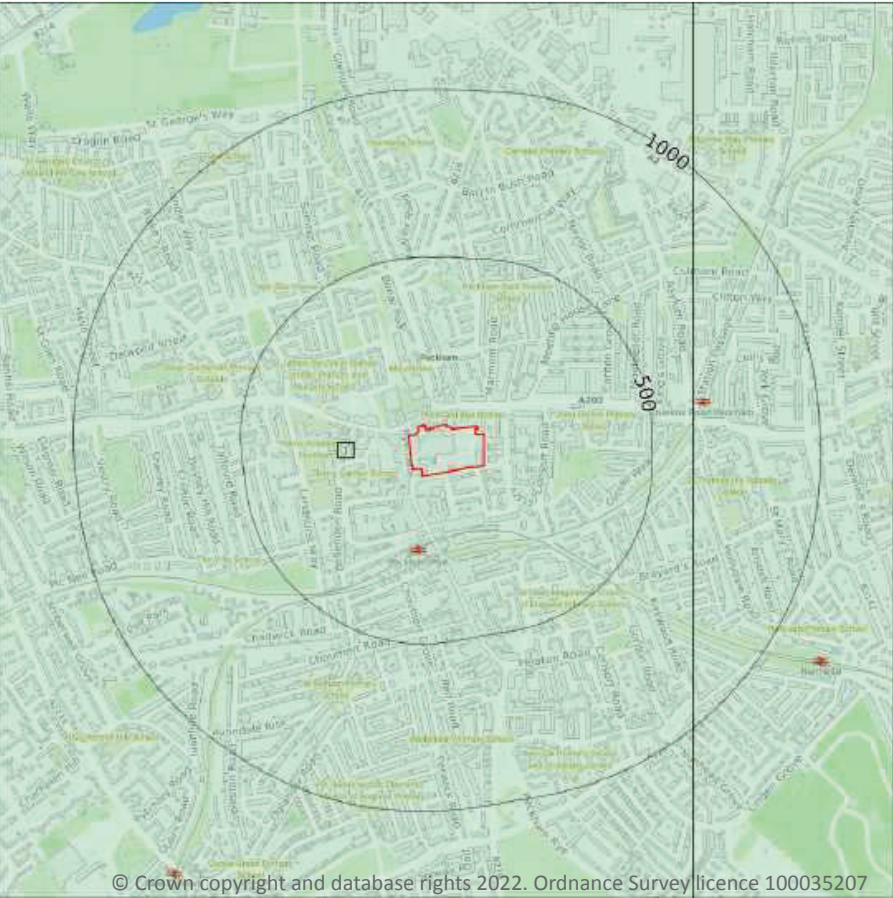
Records within 250m	0
---------------------	---

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

This data is sourced from Natural England.



14 Geology 1:10,000 scale - Availability



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

14.1 10k Availability

Records within 500m

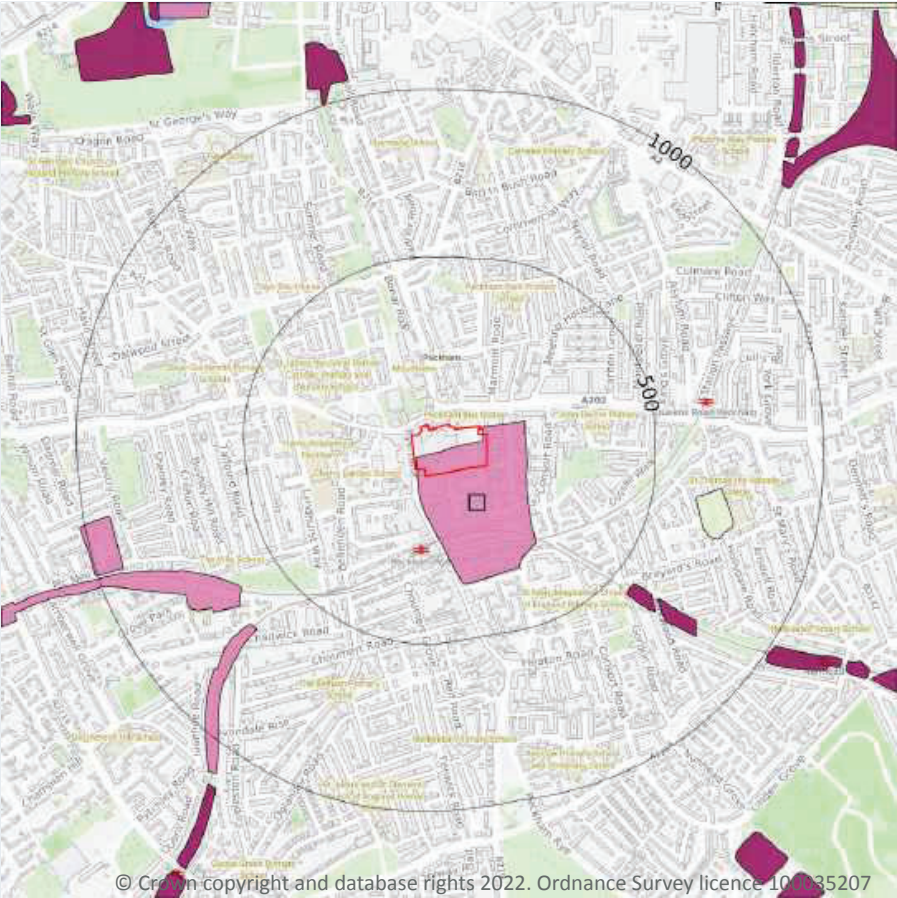
1

An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme. Features are displayed on the Geology 1:10,000 scale - Availability map on **page 78**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	TQ37NW

This data is sourced from the British Geological Survey.

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



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

14.2 Artificial and made ground (10k)

Records within 500m

1

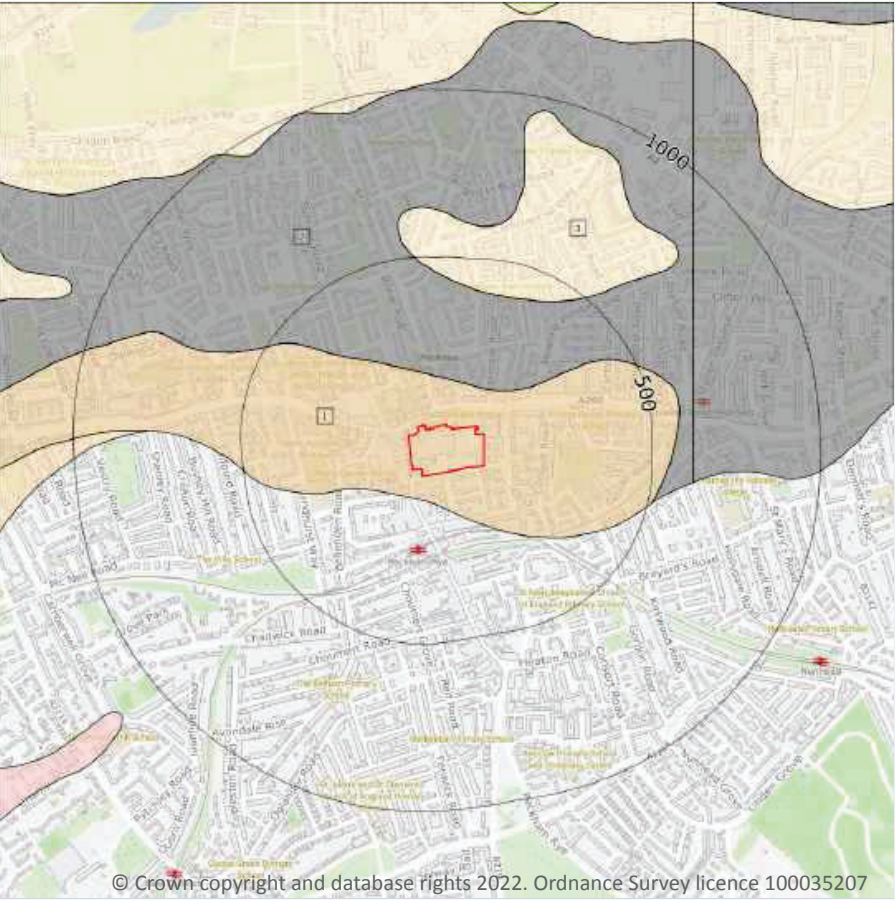
Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability. Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on **page 79**

ID	Location	LEX Code	Description	Rock description
1	On site	WGR-VOID	Worked Ground (Undivided)	Void

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial



- Site Outline
- Search buffers in metres (m)
- Landslip (10k)
- Superficial geology (10k)
Please see table for more details.

14.3 Superficial geology (10k)

Records within 500m 3

Superficial geological deposits at 1:10,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.
Features are displayed on the Geology 1:10,000 scale - Superficial map on **page 80**

ID	Location	LEX Code	Description	Rock description
1	On site	IGLD-XCZ	Interglacial Lacustrine Deposits - Clay And Silt	Clay And Silt
2	114m N	LASI-Z	Langley Silt Member - Silt (unlithified Deposits Coding Scheme)	Silt
3	396m N	KPGR-XSV	Kempton Park Gravel Formation - Sand And Gravel	Sand And Gravel



This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m 0

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

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock



— Site Outline
Search buffers in metres (m)
---- Bedrock faults and other linear features (10k)
Bedrock geology (10k)
Please see table for more details.

ID	Location	LEX Code	Description	Rock age
5	458m SW	LC-CLAY	London Clay Formation - Clay	Eocene Epoch
6	471m N	TAB-SANDU	Thanet Sand Formation - Sand	Thanetian Age

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

1

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

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 82**

ID	Location	Category	Description
2	68m SE	FAULT	Normal fault, inferred

This data is sourced from the British Geological Survey.

14.5 Bedrock geology (10k)

Records within 500m

5

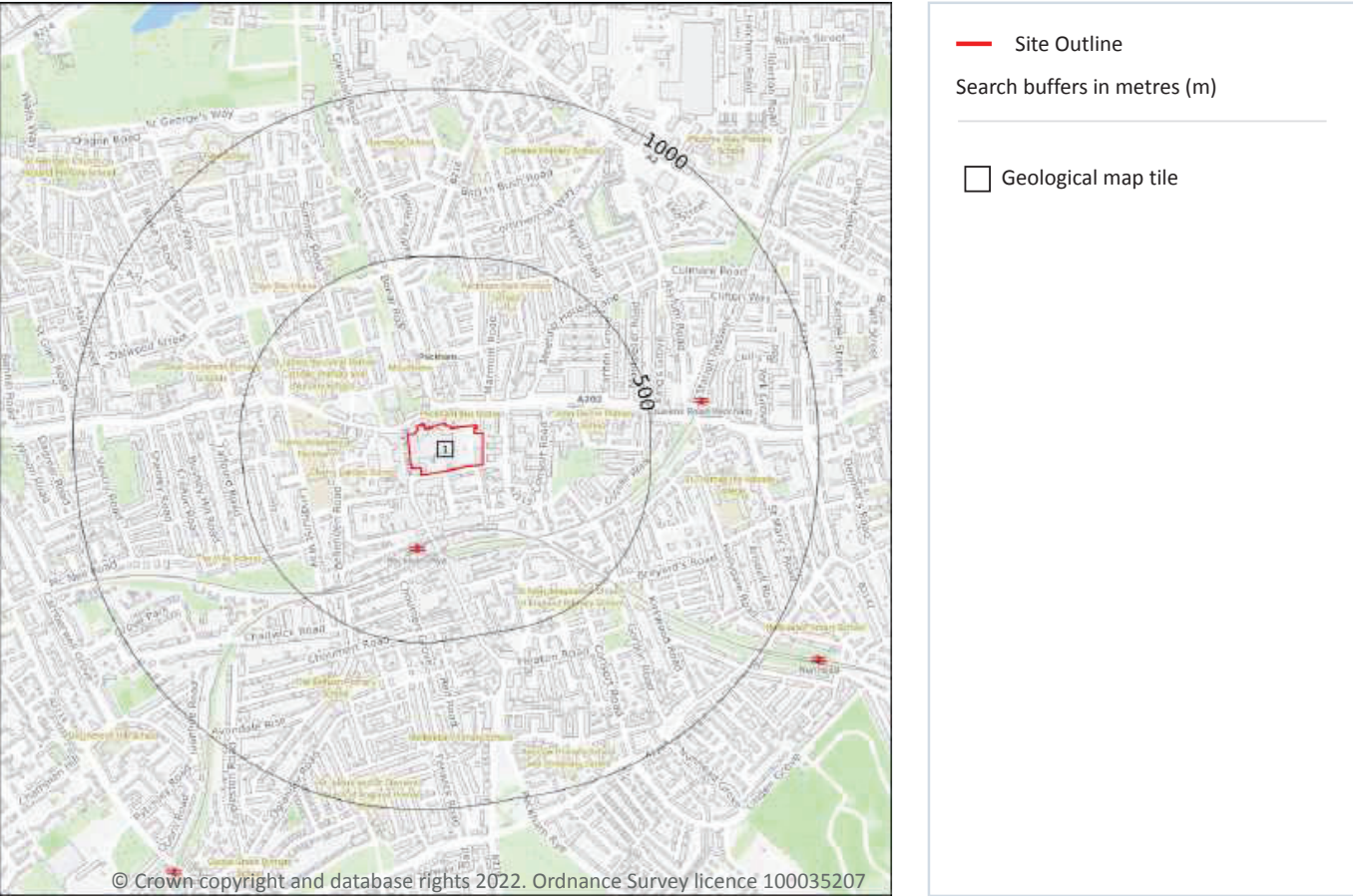
Bedrock geology at 1:10,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 82**

ID	Location	LEX Code	Description	Rock age
1	On site	LMBE-CLSSG	Lambeth Group - Clay, Silt, Sand And Gravel	Paleocene Epoch
3	71m SE	TAB-SANDU	Thanet Sand Formation - Sand	Thanetian Age
4	322m W	TAB-SANDU	Thanet Sand Formation - Sand	Thanetian Age



15 Geology 1:50,000 scale - Availability



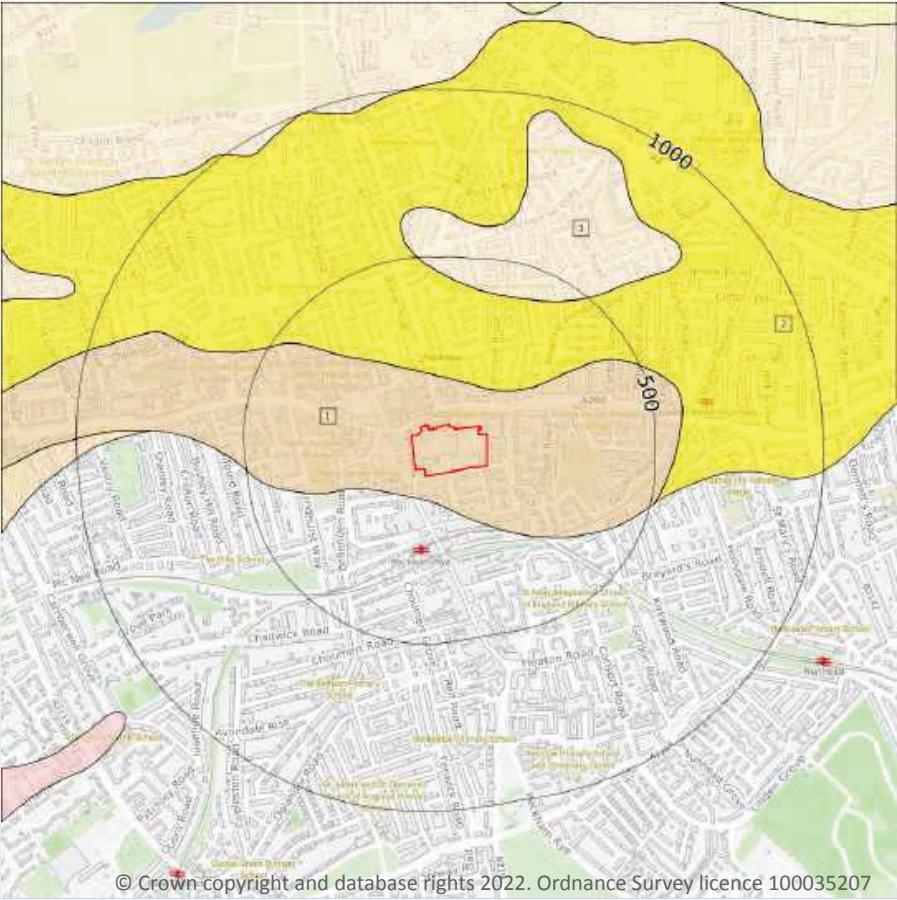
15.3 Artificial ground permeability (50k)

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

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

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Superficial



— Site Outline

Search buffers in metres (m)

Landslip (50k)

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

15.4 Superficial geology (50k)

Records within 500m	3
---------------------	---

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

Features are displayed on the Geology 1:50,000 scale - Superficial map on **page 87**

ID	Location	LEX Code	Description	Rock description
1	On site	IGLD-XCZ	INTERGLACIAL LACUSTRINE DEPOSITS	CLAY AND SILT
2	114m N	LASI-XCZ	LANGLEY SILT MEMBER	CLAY AND SILT
3	396m N	KPGR-XSV	KEMPTON PARK GRAVEL MEMBER	SAND AND GRAVEL

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m **1**

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

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

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m **0**

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

This data is sourced from the British Geological Survey.

15.7 Landslip permeability (50k)

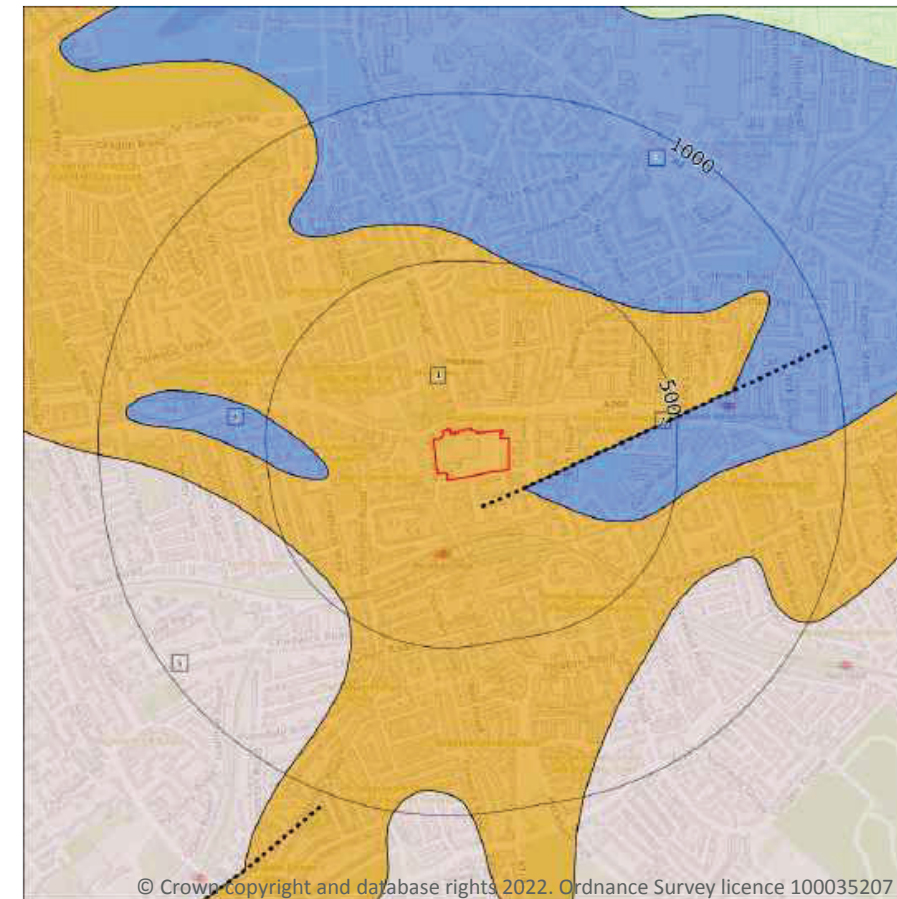
Records within 50m **0**

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

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Bedrock



— Site Outline
Search buffers in metres (m)
.... Bedrock faults and other linear features (50k)
Bedrock geology (50k)
Please see table for more details.

15.8 Bedrock geology (50k)

Records within 500m **4**

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

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 89**

ID	Location	LEX Code	Description	Rock age
1	On site	LMBE-XCZS	LAMBETH GROUP - CLAY, SILT AND SAND	THANETIAN
3	71m SE	TAB-S	THANET FORMATION - SAND	THANETIAN
4	323m W	TAB-S	THANET FORMATION - SAND	THANETIAN
5	458m SW	LC-XCZ	LONDON CLAY FORMATION - CLAY AND SILT	YPRESIAN



This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m	1
--------------------	---

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

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

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m	1
---------------------	---

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

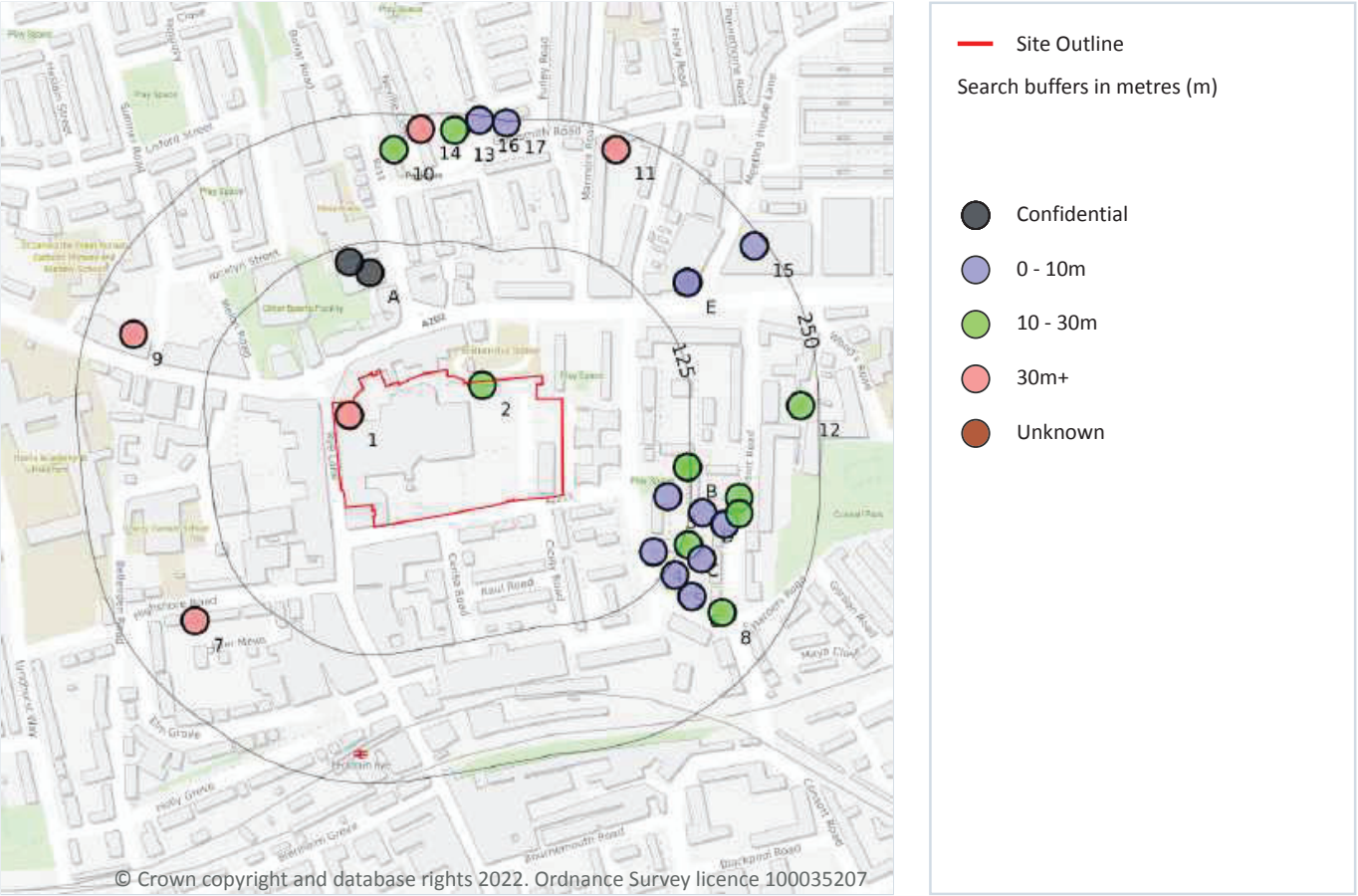
Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 89**

ID	Location	Category	Description
2	69m SE	FAULT	Fault, inferred

This data is sourced from the British Geological Survey.



16 Boreholes



16.1 BGS Boreholes

Records within 250m	44
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The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several thousand metres deep.

Features are displayed on the Boreholes map on **page 91**

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	On site	534170 176670	JONES & HIGGINS	53.64	N	597144
2	On site	534300 176700	LONDON TRANSPORT GARAGE	15.24	N	597437



ID	Location	Grid reference	Name	Length	Confidential	Web link
A	96m N	534190 176810	LCC BLUE ANCHOR LANE ESTATE 2	-	Y	N/A
3	103m E	534481 176591	TYNE TERRACE CAMBERWELL H	9.14	N	598940
4	105m SE	534467 176537	TYNE TERRACE CAMBERWELL J	9.14	N	598942
A	109m N	534170 176820	LCC BLUE ANCHOR LANE ESTATE 1	-	Y	N/A
B	122m E	534500 176620	L.C.C. TYNE TERRACE CAMBERWELL	15.24	N	597359
B	122m E	534500 176620	L.C.C. TYNE TERRACE CAMBERWELL	15.0	N	597358
C	132m E	534501 176544	TYNE TERRACE CAMBERWELL G	15.24	N	598939
5	134m SE	534488 176515	TYNE TERRACE CAMBERWELL 2	3.05	N	598945
D	138m E	534515 176576	TYNE TERRACE CAMBERWELL F	7.62	N	598938
C	150m SE	534514 176530	TYNE TERRACE CAMBERWELL I	7.62	N	598941
6	160m SE	534504 176494	TYNE TERRACE CAMBERWELL 1	3.05	N	598944
D	160m E	534536 176564	TYNE TERRACE CAMBERWELL E	7.62	N	598937
E	167m NE	534500 176800	176 PECKHAM HIGH STREET Q	9.14	N	599464
E	167m NE	534500 176800	176 PECKHAM HIGH STREET X	15.42	N	599471
E	167m NE	534500 176800	176 PECKHAM HIGH STREET V	9.75	N	599469
E	167m NE	534500 176800	176 PECKHAM HIGH STREET A	10.36	N	599457
E	167m NE	534500 176800	176 PECKHAM HIGH STREET T	21.34	N	599467
E	167m NE	534500 176800	176 PECKHAM HIGH STREET U	15.24	N	599468
E	167m NE	534500 176800	176 PECKHAM HIGH STREET O	15.24	N	599462
E	167m NE	534500 176800	176 PECKHAM HIGH STREET N	9.14	N	599461
E	167m NE	534500 176800	176 PECKHAM HIGH STREET P	9.14	N	599463
E	167m NE	534500 176800	176 PECKHAM HIGH STREET B	15.24	N	599458
E	167m NE	534500 176800	176 PECKHAM HIGH STREET Y	12.19	N	599472
E	167m NE	534500 176800	176 PECKHAM HIGH STREET R	18.29	N	599465
E	167m NE	534500 176800	176 PECKHAM HIGH STREET S	21.64	N	599466
E	167m NE	534500 176800	176 PECKHAM HIGH STREET L	9.75	N	599459
E	167m NE	534500 176800	176 PECKHAM HIGH STREET M	9.75	N	599460
E	167m NE	534500 176800	176 PECKHAM HIGH STREET Z	9.14	N	599473

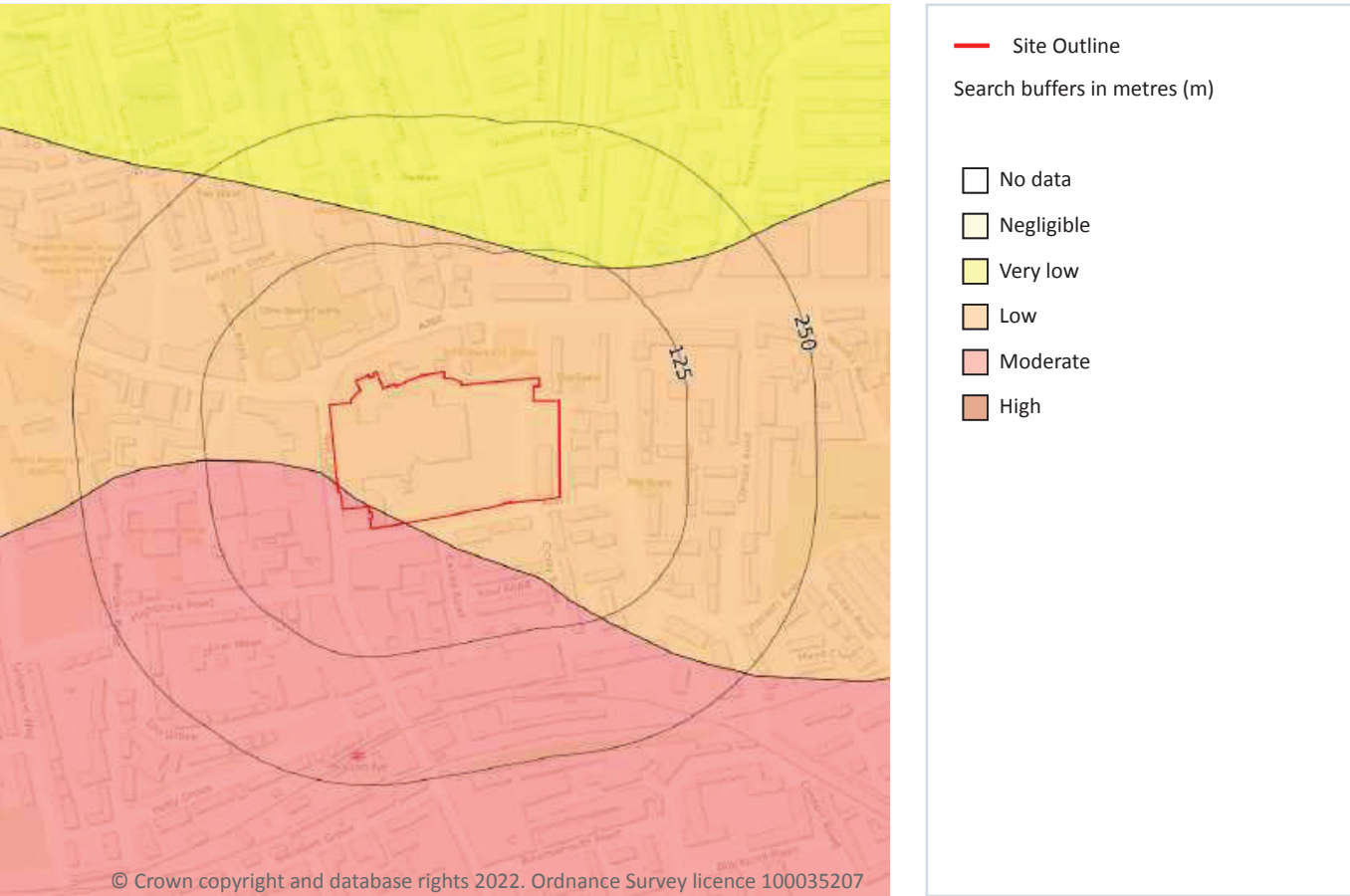


ID	Location	Grid reference	Name	Length	Confidential	Web link
E	167m NE	534500 176800	176 PECKHAM HIGH STREET W	9.75	N	599470
D	172m E	534550 176590	COSSALL DEVELOPMENT AREA D	10.36	N	597752
D	173m E	534550 176575	TYNE TERRACE CAMBERWELL D	10.36	N	598936
7	184m SW	534020 176470	MR GRIGGS HANOVER ST	37.79	N	597143
8	193m SE	534534 176478	TYNE TERRACE CAMBERWELL K	15.24	N	598943
9	205m W	533960 176750	PECKHAM RD	60.96	N	598315
10	216m N	534214 176930	BELLS GARDEN ROAD SOUTHWARK BH1	20.1	N	598959
11	232m N	534430 176930	MELLINS FOOD STAFFORDSHIRE STREET	76.2	N	597142
12	232m E	534610 176680	COSSALL DEVELOPMENT AREA BH108	10.67	N	597742
13	234m N	534273 176949	GARSDALE ROAD D	11.0	N	598529
14	237m N	534240 176950	HILL ST BREWERY	77.11	N	597141
15	240m NE	534565 176836	ACORN PLACE CAMBERWELL BH4	9.14	N	598976
16	245m N	534297 176958	GARSDALE ROAD C	9.0	N	598528
17	248m N	534323 176956	GARSDALE ROAD B	9.0	N	598527

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



17.1 Shrink swell clays

Records within 50m	2
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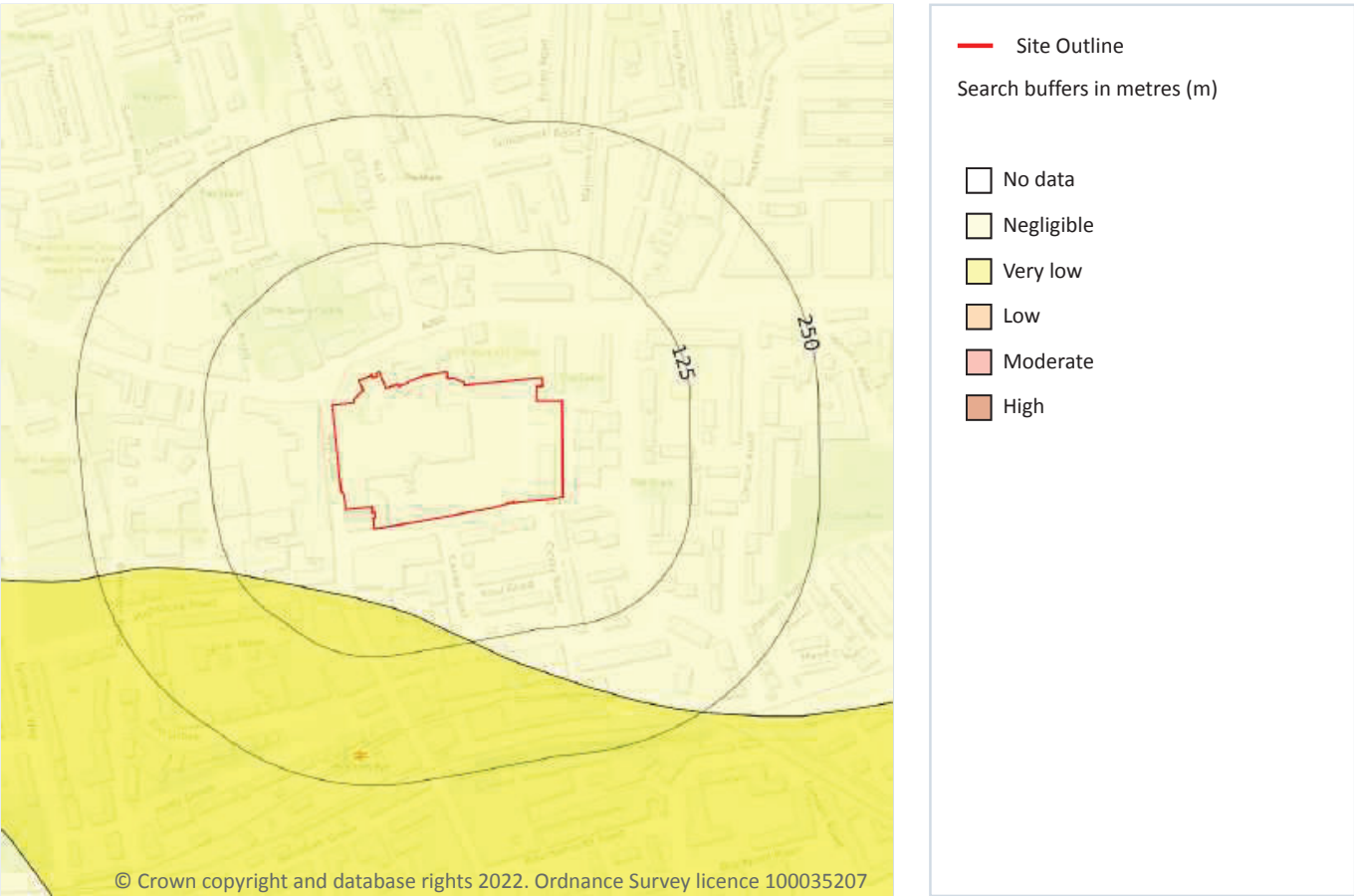
The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and local drainage).

Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 94**

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

This data is sourced from the British Geological Survey.

Natural ground subsidence - Running sands



17.2 Running sands

Records within 50m	1
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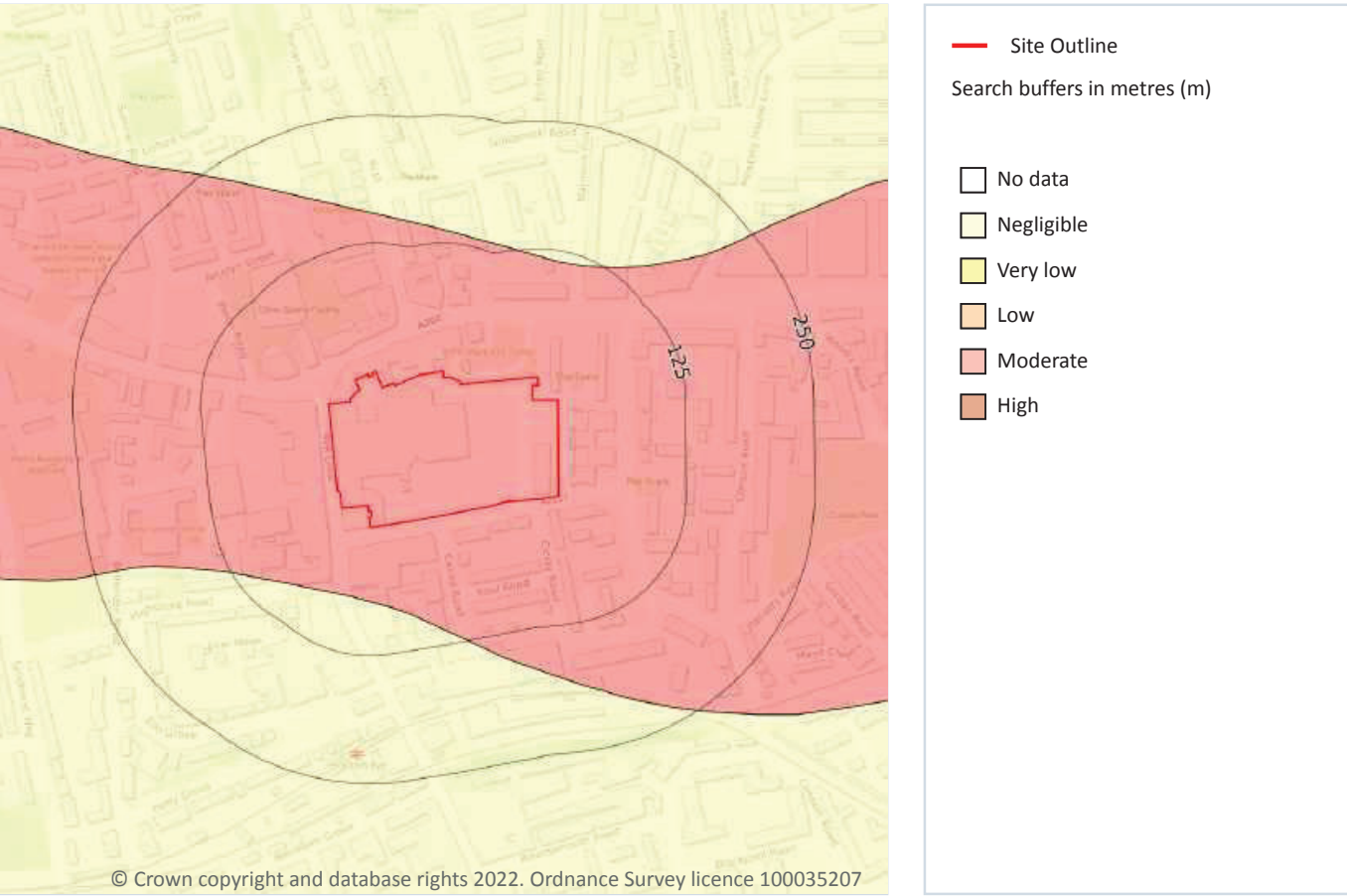
The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

Features are displayed on the Natural ground subsidence - Running sands map on **page 95**

Location	Hazard rating	Details
On site	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Compressible deposits



17.3 Compressible deposits

Records within 50m	1
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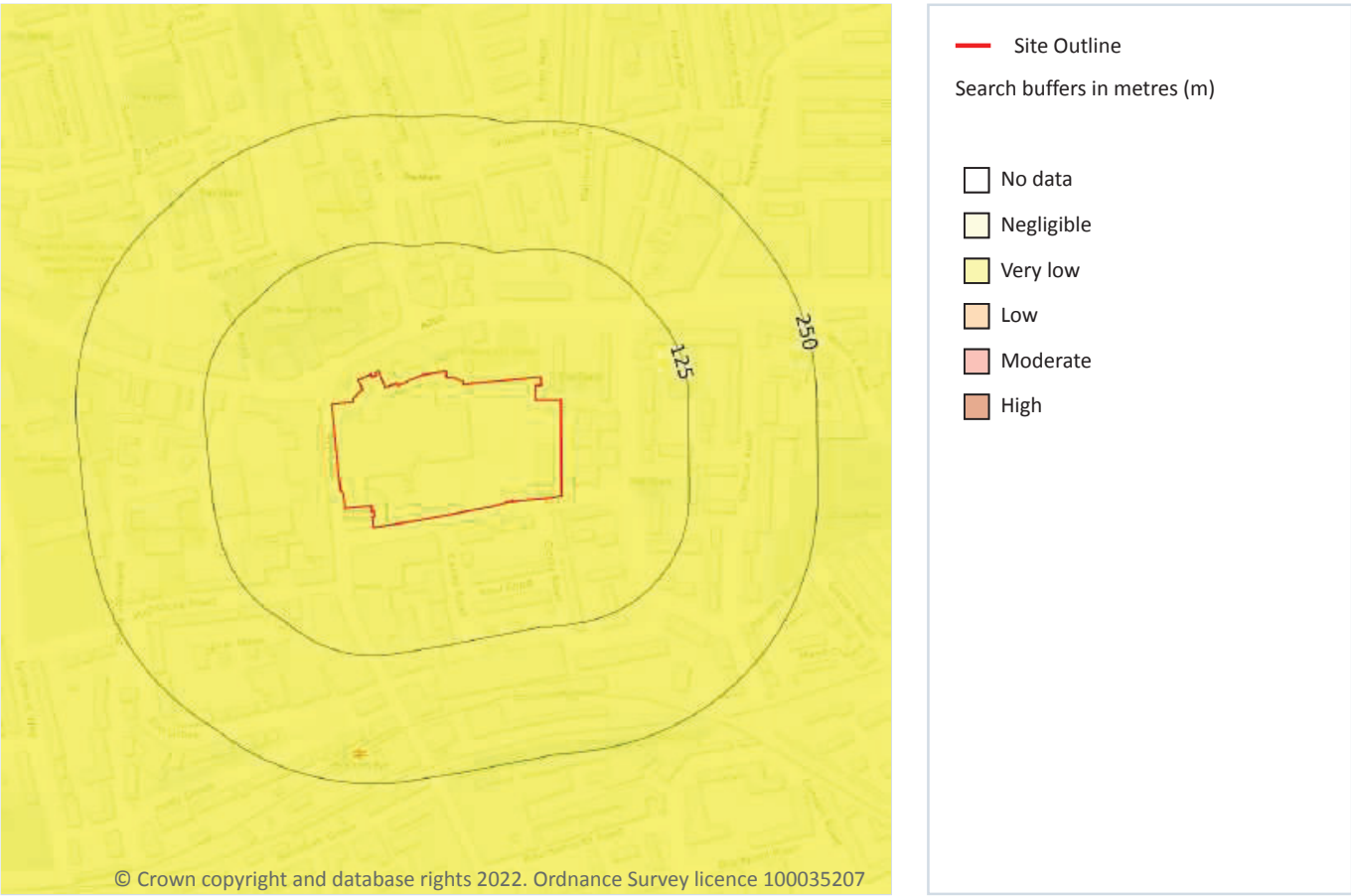
The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

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

Location	Hazard rating	Details
On site	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Collapsible deposits



17.4 Collapsible deposits

Records within 50m	1
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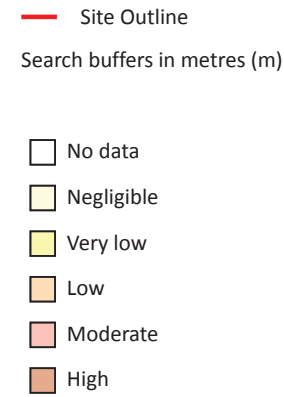
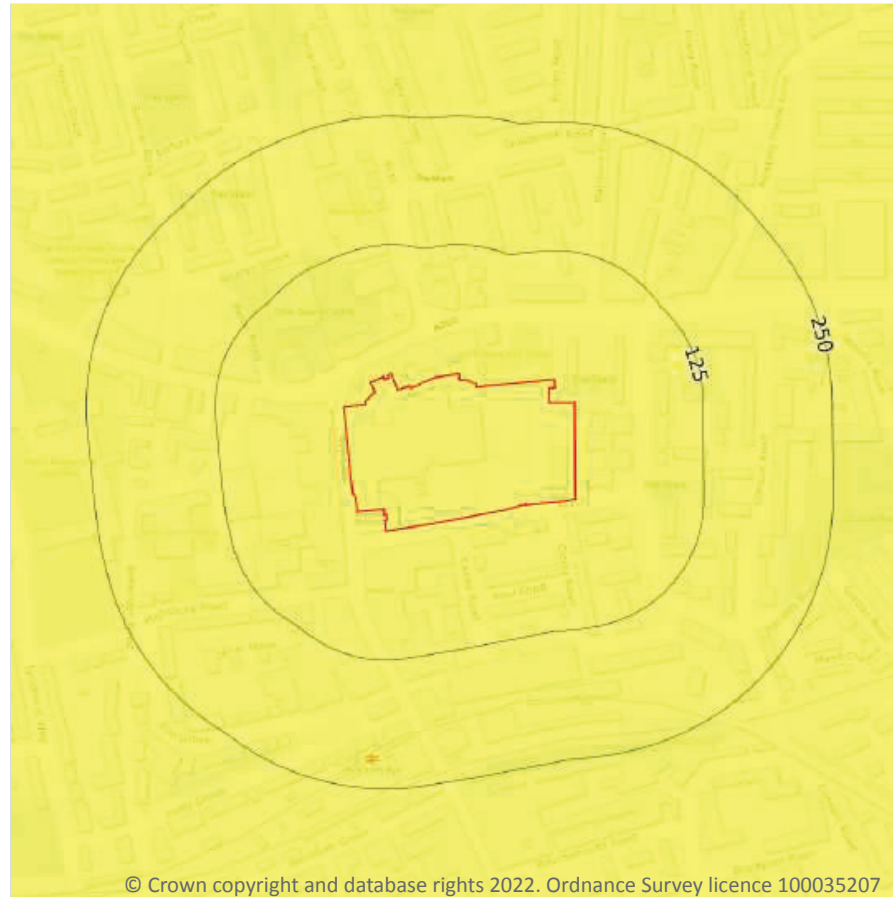
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

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

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

This data is sourced from the British Geological Survey.

Natural ground subsidence - Landslides



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17.5 Landslides

Records within 50m

1

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

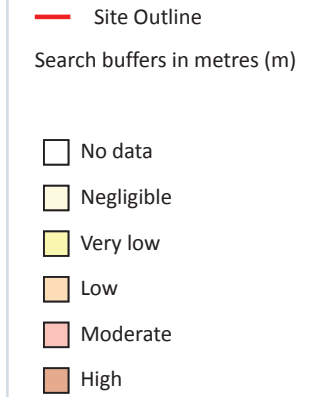
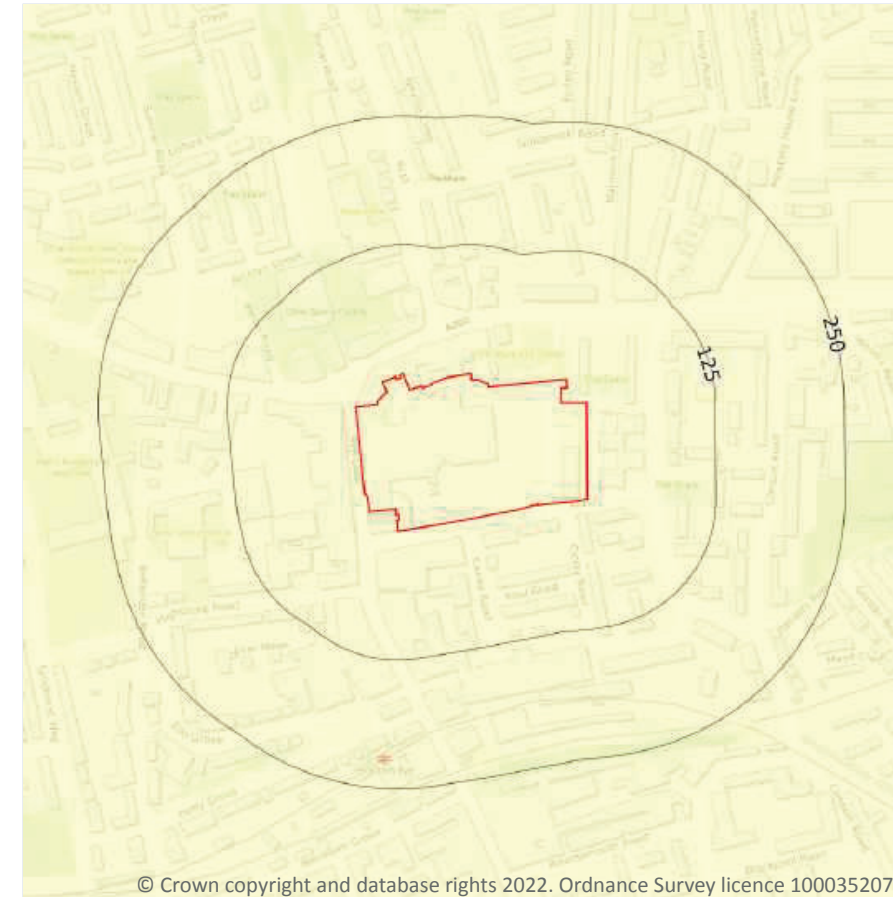
Features are displayed on the Natural ground subsidence - Landslides map on **page 98**

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



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17.6 Ground dissolution of soluble rocks

Records within 50m

1

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

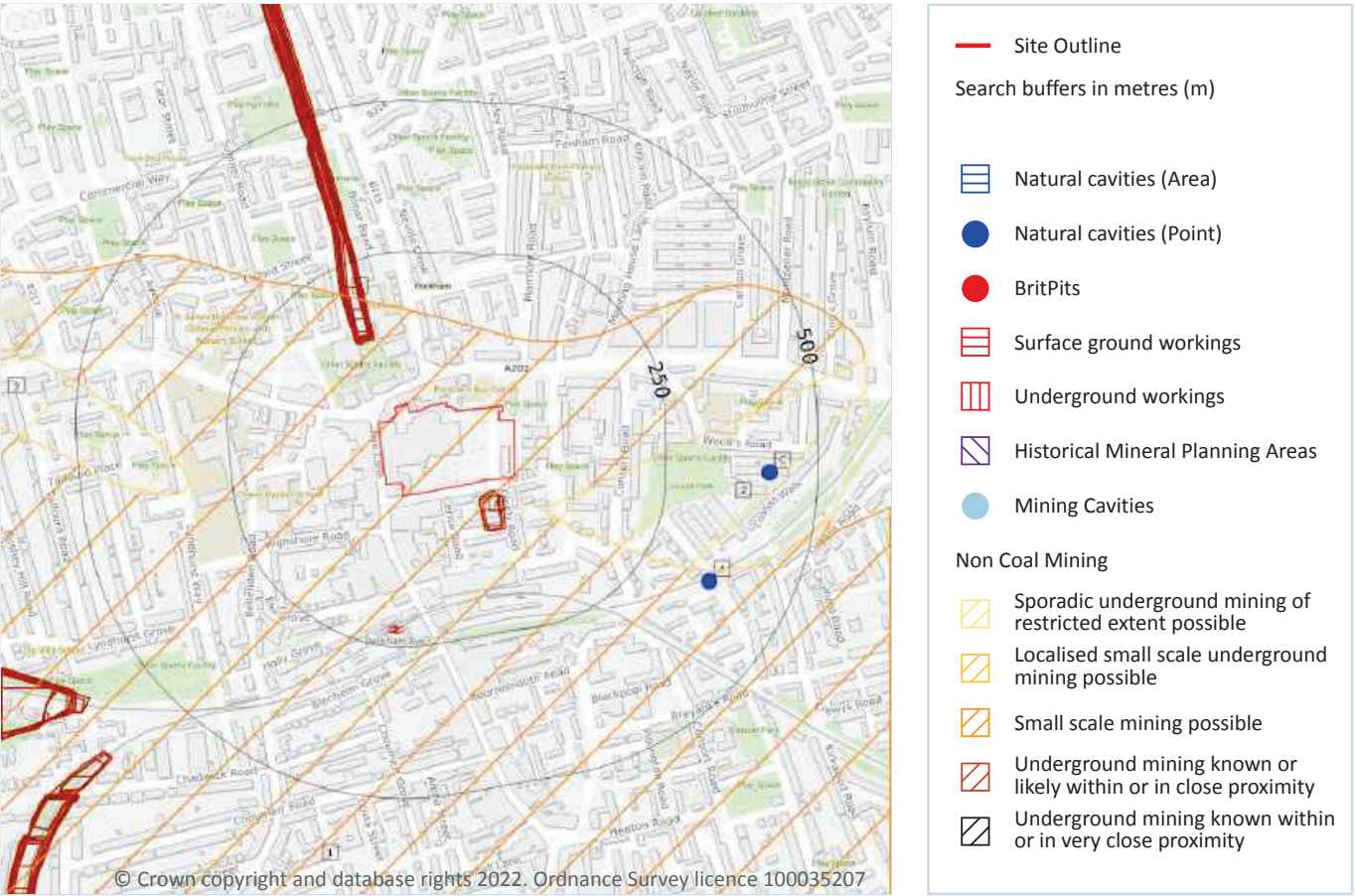
Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 99**

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



This data is sourced from the British Geological Survey.

18 Mining, ground workings and natural cavities



18.1 Natural cavities

Records within 500m3

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

Features are displayed on the Mining, ground workings and natural cavities map on **page 101**

ID	Location	Details	Source
4	365m SE	Type: Scour Hollows x 1 Superficial Geology: Lacustrine clays, silts and sands Bedrock Geology: Chalk Group, Lambeth Group	Simple Bibliography: Confidential Full Bibliography: Confidential Confidentiality: Data source to remain anonymous, data can be used freely

ID	Location	Details	Source
C	421m E	Type: Gulls/Fissures due to Cambering x 1 Superficial Geology: Lacustrine clays, silts and sands Bedrock Geology: London Clay Formation, Thanet Sand Formation	Simple Bibliography: Weeks. A.G., (1969). The Stability of Natural Slopes in South-East England as Affected by Periglacial Activity. Quarterly Journal of Engineering Geology, Volume 2, Pages 49-61. Full Bibliography: - Confidentiality: Data source can be revealed, data can be used freely
C	421m E	Type: Scour Hollows x 1 Superficial Geology: Lacustrine clays, silts and sands Bedrock Geology: Thanet Sand Formation	Simple Bibliography: Berry. F.G., (1979). Late Quaternary Scour-Hollows and Related Features in Central London. Quarterly Journal of Engineering Geology. Volume 12. pp. 9-29. Full Bibliography: - Confidentiality: Data source can be revealed, data can be used freely

This data is sourced from Stantec UK Ltd.

18.2 BritPits

Records within 500m	0
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BritPits (an abbreviation of British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Details of major mineral handling sites, such as wharfs and rail depots are also held in the database.

This data is sourced from the British Geological Survey.

18.3 Surface ground workings

Records within 250m	14
---------------------	----

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

Features are displayed on the Mining, ground workings and natural cavities map on **page 101**

ID	Location	Land Use	Year of mapping	Mapping scale
A	18m S	Pond	1871	1:10560
A	24m S	Pond	1873	1:10560
A	26m S	Pond	1898	1:10560
B	117m NW	Canal	1894	1:10560
B	119m NW	Canal	1873	1:10560
B	123m NW	Canal	1898	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
B	123m NW	Canal	1871	1:10560
B	125m NW	Canal	1948	1:10560
B	126m NW	Canal	1938	1:10560
B	126m NW	Canal	1920	1:10560
B	127m NW	Canal	1894	1:10560
B	129m NW	Canal	1962	1:10560
B	129m NW	Canal	1954	1:10560
B	155m NW	Canal	1968	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground workings

Records within 1000m	0
----------------------	---

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

This is data is sourced from Ordnance Survey/Groundsure.

18.5 Historical Mineral Planning Areas

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

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

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m	4
----------------------	---

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

Features are displayed on the Mining, ground workings and natural cavities map on **page 101**

ID	Location	Name	Commodity	Class	Likelihood
1	On site	Not available	Chalk	C	Small scale underground mining may have occurred; mine adits, shafts and tunnels may be present. Potential for localised difficult ground conditions are at a level where they should be considered
2	71m SE	Not available	Chalk	A	Sporadic underground mining of restricted extent may have occurred. Potential for difficult ground conditions are unlikely and localised and are at a level where they need not be considered
3	323m W	Not available	Chalk	A	Sporadic underground mining of restricted extent may have occurred. Potential for difficult ground conditions are unlikely and localised and are at a level where they need not be considered
5	624m E	Not available	Chalk	C	Small scale underground mining may have occurred; mine adits, shafts and tunnels may be present. Potential for localised difficult ground conditions are at a level where they should be considered

This data is sourced from the British Geological Survey.

18.7 Mining cavities

Records within 1000m	0
----------------------	---

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

This data is sourced from Stantec UK Ltd.

18.8 JPB mining areas

Records on site	0
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Areas which could be affected by former coal and other mining. This data includes some mine plans unavailable to the Coal Authority.

This data is sourced from Johnson Poole and Bloomer.

18.9 Coal mining

Records on site	0
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Areas which could be affected by past, current or future coal mining.

This data is sourced from the Coal Authority.

18.10 Brine areas

Records on site	0
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The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

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

18.11 Gypsum areas

Records on site	0
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Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

Records on site	0
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Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

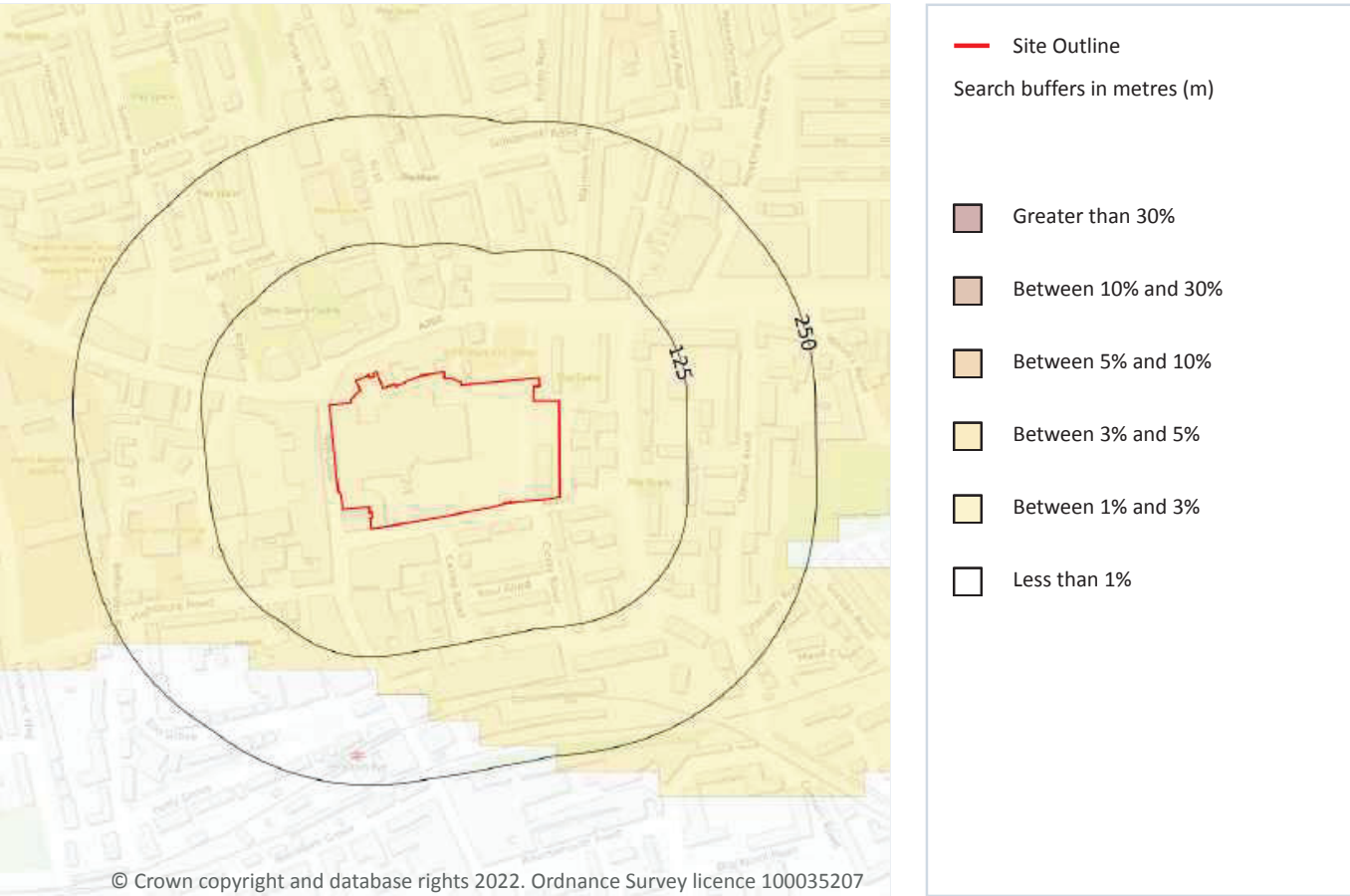
18.13 Clay mining

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

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

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

19 Radon



19.1 Radon

Records on site	1
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Estimated percentage of dwellings exceeding the Radon Action Level. This data is the highest resolution radon dataset available for the UK and is produced to a 75m level of accuracy to allow for geological data accuracy and a 'residential property' buffer. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain. The data was derived from both geological assessments and long term measurements of radon in more than 479,000 households.

Features are displayed on the Radon map on [page 106](#)

Location	Estimated properties affected	Radon Protection Measures required
On site	Between 1% and 3%	None

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

20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m	1
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The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km². In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km²; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

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

This data is sourced from the British Geological Survey.

20.2 BGS Estimated Urban Soil Chemistry

Records within 50m	12
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Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km²).

Location	Arsenic (mg/kg)	Bioaccessible Arsenic (mg/kg)	Lead (mg/kg)	Bioaccessible Lead (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Nickel (mg/kg)	Tin (mg/kg)
On site	13	2.3	155	106	0.5	69	50	19	15
On site	14	2.5	165	113	0.5	68	51	20	16
On site	15	2.6	192	132	0.5	69	55	22	18
On site	15	2.6	174	120	0.5	70	50	22	16
On site	15	2.6	236	162	0.7	66	66	21	22
On site	16	2.8	228	157	0.5	68	61	24	21
On site	16	2.8	253	174	0.6	70	61	26	20
On site	16	2.8	237	163	0.5	71	58	26	19

Location	Arsenic (mg/kg)	Bioaccessible Arsenic (mg/kg)	Lead (mg/kg)	Bioaccessible Lead (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Nickel (mg/kg)	Tin (mg/kg)
On site	17	3	356	245	0.6	66	75	24	26
22m E	17	3	351	241	0.6	64	75	23	28
22m SE	17	3	389	267	0.6	64	77	24	28
26m NE	17	3	323	222	0.7	63	80	23	30

This data is sourced from the British Geological Survey.

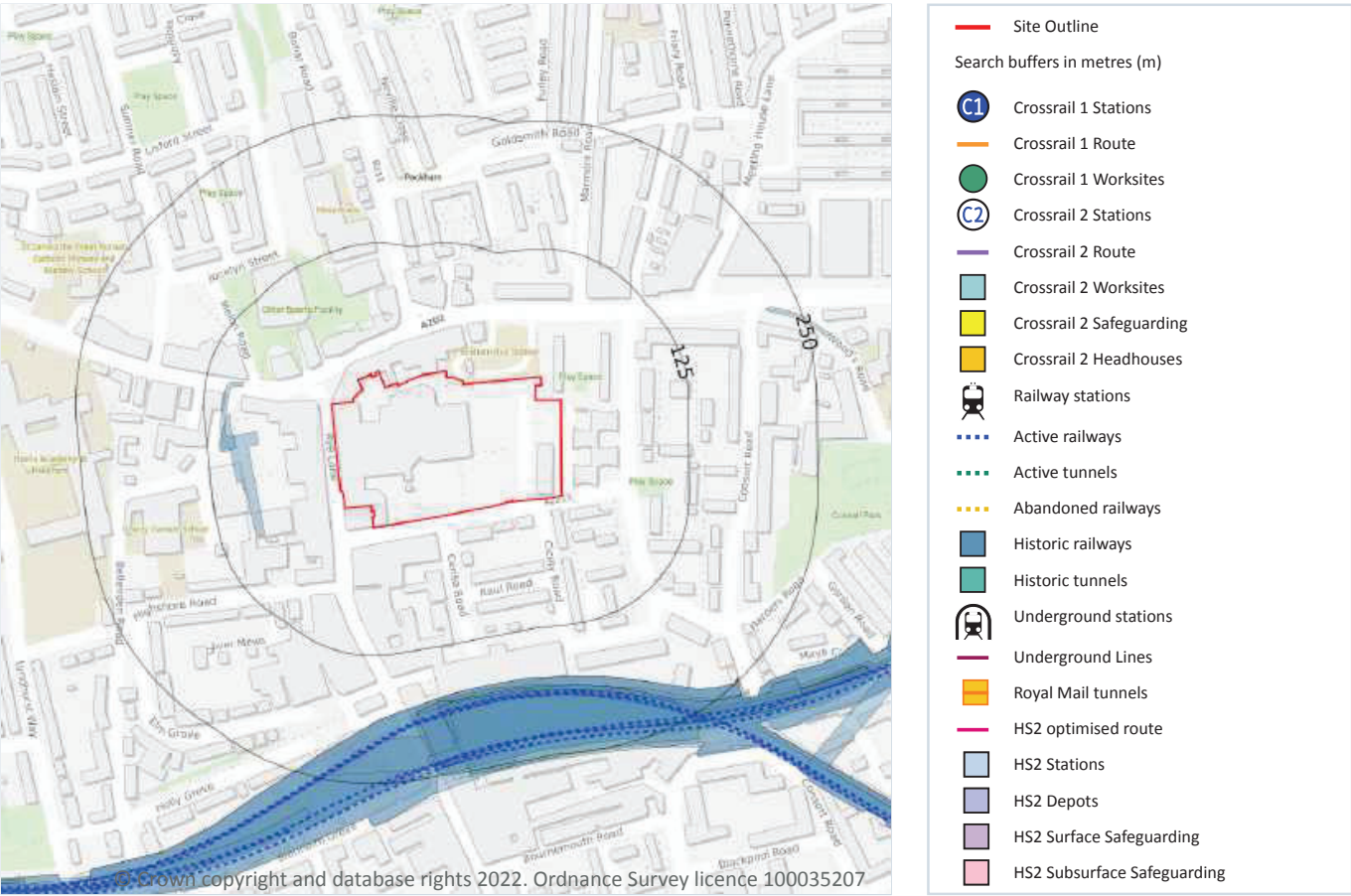
20.3 BGS Measured Urban Soil Chemistry

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

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

This data is sourced from the British Geological Survey.

21 Railway infrastructure and projects



21.1 Underground railways (London)

Records within 250m	0
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Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

This data is sourced from publicly available information by Groundsure.

21.2 Underground railways (Non-London)

Records within 250m	0
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Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.

This data is sourced from publicly available information by Groundsure.

21.3 Railway tunnels

Records within 250m	0
---------------------	---

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m	24
---------------------	----

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

Features are displayed on the Railway infrastructure and projects map on **page 109**

Location	Land Use	Year of mapping	Mapping scale
75m W	Tramway Sidings	1916	2500
98m W	Tramway Sidings	1896	2500
171m S	Railways	1874	-
171m S	Railways	1897	-
171m S	Railways	1930	-
175m S	Railway Sidings	1968	10560
178m S	Railway Sidings	1962	10560
178m S	Railway Sidings	1954	10560
178m S	Railway Sidings	1948	10560
179m S	Railway Sidings	1938	10560
179m S	Railway Sidings	1920	10560
181m S	Railway Sidings	1894	10560
182m S	Railway	1916	-
184m S	Railway Sidings	1894	10560
186m S	Railway Sidings	1916	2500
188m S	Railway Sidings	1896	2500
188m S	Railway Sidings	1898	10560

Location	Land Use	Year of mapping	Mapping scale
189m S	Railway Sidings	1955	2500
189m S	Railway Sidings	1950	2500
190m S	Railway Sidings	1953	1250
190m S	Railway Sidings	1950	1250
207m S	Railway	1880	-
218m NE	Railway Sidings	1955	2500
239m S	Railway	1897	-

This data is sourced from Ordnance Survey/Groundsure.

21.5 Royal Mail tunnels

Records within 250m	0
---------------------	---

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

This data is sourced from Groundsure/the Postal Museum.

21.6 Historical railways

Records within 250m	0
---------------------	---

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

This data is sourced from OpenStreetMap.

21.7 Railways

Records within 250m	12
---------------------	----

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

Features are displayed on the Railway infrastructure and projects map on **page 109**

Location	Name	Type
185m S	Catford Loop Line	rail

Location	Name	Type
186m S	Not given	Multi Track
187m S	Catford Loop Line	rail
187m S	Catford Loop Line	rail
228m S	South London Line	rail
229m S		rail
230m S	Not given	Multi Track
235m SE	Catford Loop Line	rail
235m S	Not given	Multi Track
236m S	South London Line	rail
237m S	South London Line	rail
243m S	South London Line	rail

This data is sourced from Ordnance Survey and OpenStreetMap.

21.8 Crossrail 1

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

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

This data is sourced from publicly available information by Groundsure.

21.9 Crossrail 2

Records within 500m	0
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Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

21.10 HS2

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

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

Crewe) is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

This data is sourced from HS2 Ltd.

Data providers

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534265.4312534372,
176640.85526390522

Client Ref: C2361_-_Ayelsham_Centre
Report Ref: GS-8578114
Grid Ref: 534265, 176638

Map Name: County Series

Map date: 1871

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1871
Revised 1871
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Client Ref: C2361_-_Ayelsham_Centre
Report Ref: GS-8578114
Grid Ref: 534265, 176638

Map Name: County Series

Map date: 1872

Scale: 1:10,560

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Client Ref: C2361_-_Ayselsham_Centre
Report Ref: GS-8578114
Grid Ref: 534265, 176638

Map Name: County Series

Map date: 1894

Scale: 1:10,560

Printed at: 1:10,560



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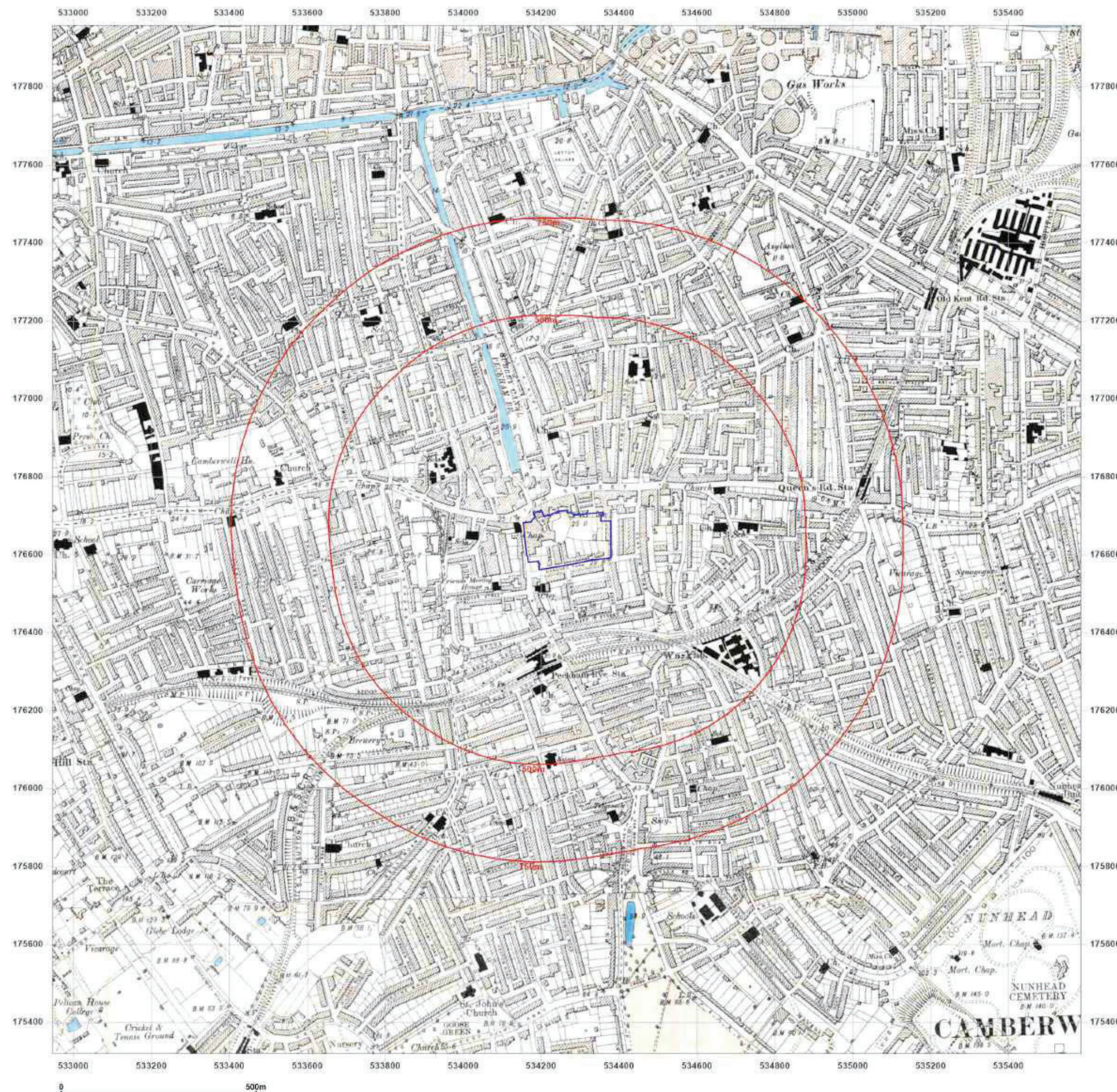


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Client Ref: C2361_-_Ayelsham_Centre
Report Ref: GS-8578114
Grid Ref: 534265, 176638

Map Name: County Series

Map date: 1894-1895

Scale: 1:10,560

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